

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080272.D
 Acq On : 27 Nov 2023 13:52
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Nov 28 02:07:49 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	8.230	168	172713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	317385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	328512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148256	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	153273	53.747	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.500%
35) Dibromofluoromethane	8.171	113	122337	52.239	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.480%
50) Toluene-d8	10.571	98	418045	49.520	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.040%
62) 4-Bromofluorobenzene	12.853	95	159747	50.098	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.200%

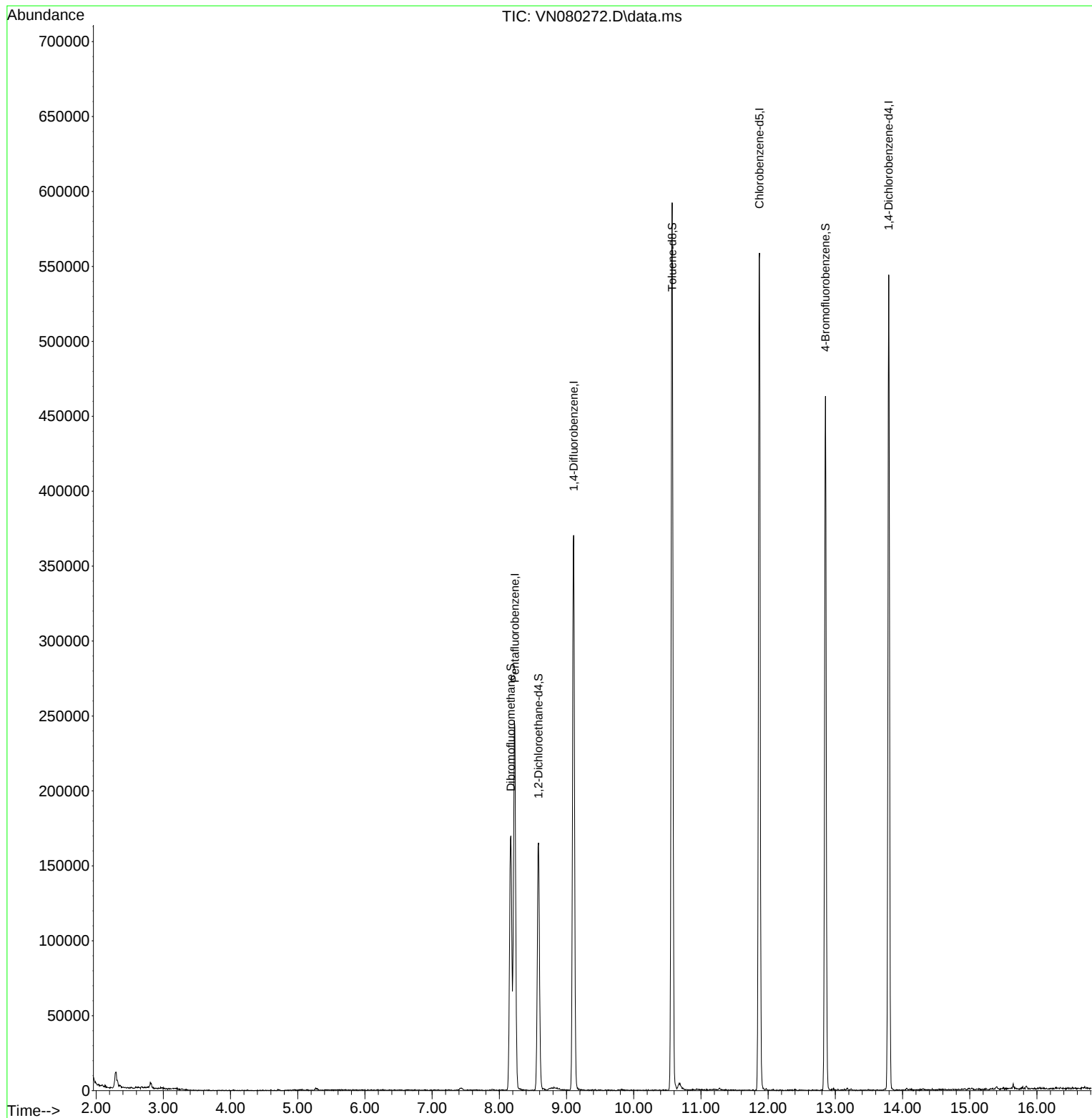
Target Compounds	Qvalue

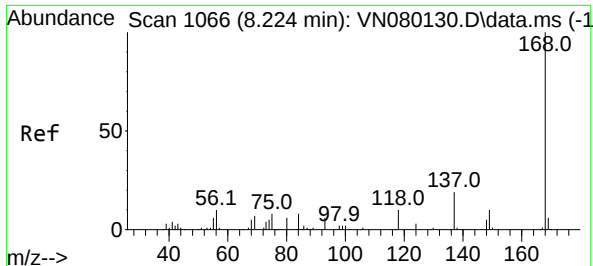
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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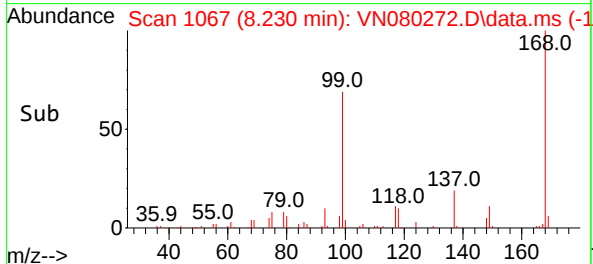
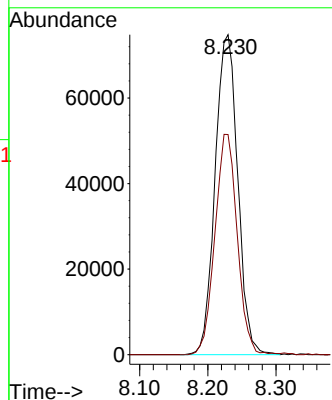
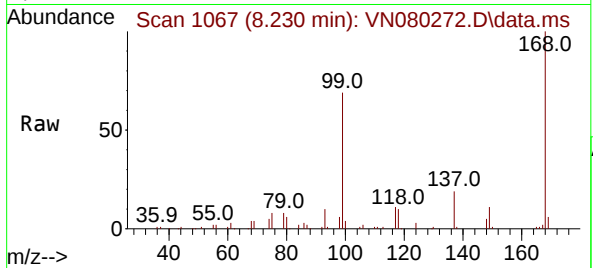




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080272.D
Acq: 27 Nov 2023 13:52

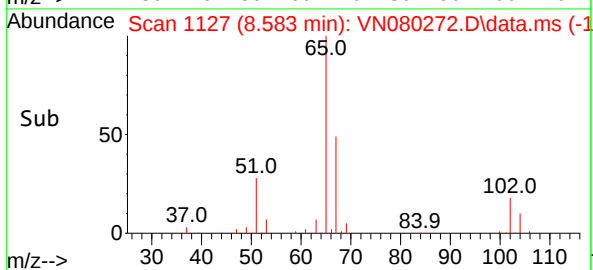
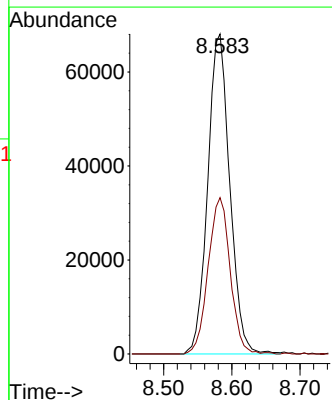
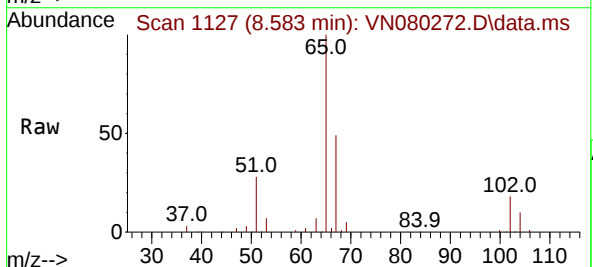
Instrument :
MSVOA_N
ClientSampleId :
IBLK

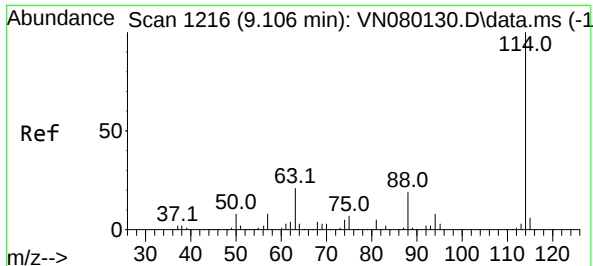
Tgt Ion:168 Resp: 172713
Ion Ratio Lower Upper
168 100
99 68.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 53.747 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080272.D
Acq: 27 Nov 2023 13:52

Tgt Ion: 65 Resp: 153273
Ion Ratio Lower Upper
65 100
67 48.8 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: VN080272.D

Acq: 27 Nov 2023 13:52

Instrument :

MSVOA_N

ClientSampleId :

IBLK

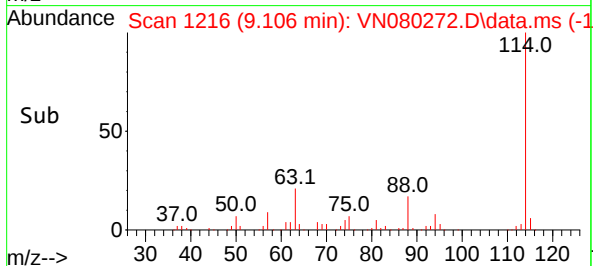
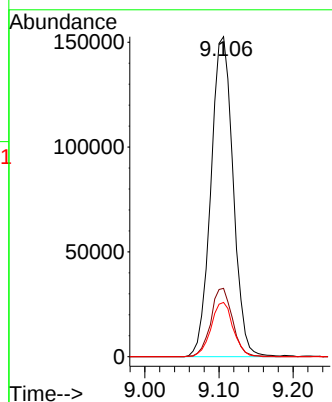
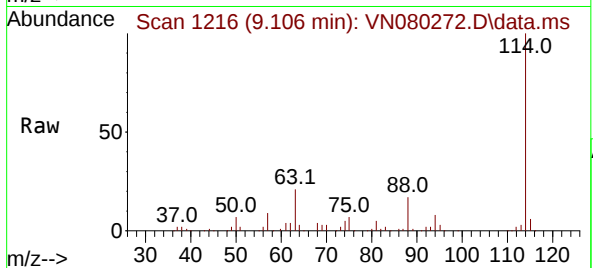
Tgt Ion:114 Resp: 317385

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 16.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.239 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080272.D

Acq: 27 Nov 2023 13:52

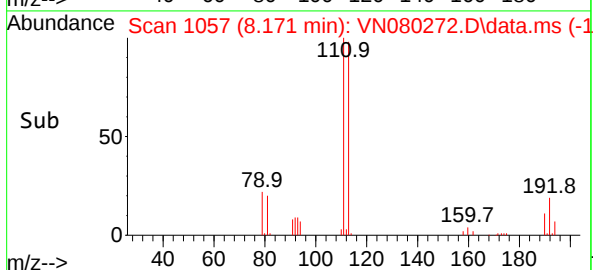
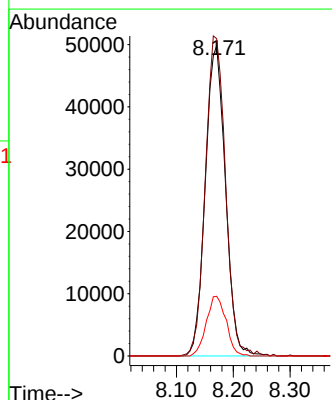
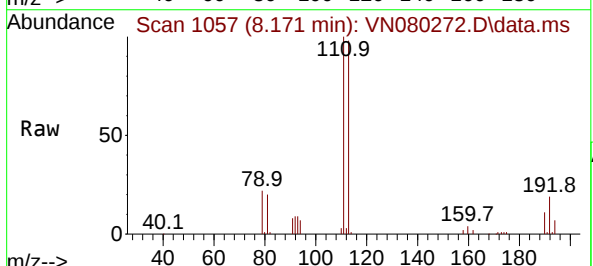
Tgt Ion:113 Resp: 122337

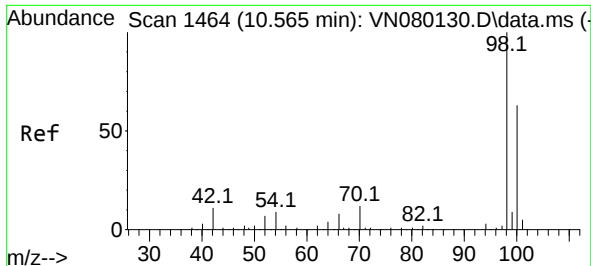
Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 18.9 12.7 19.1

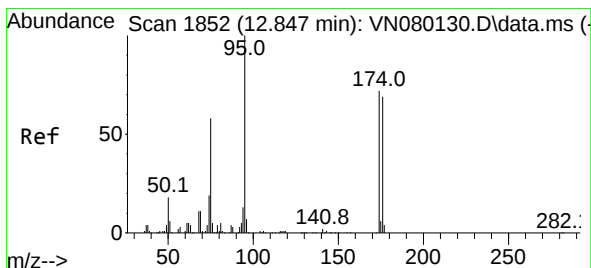
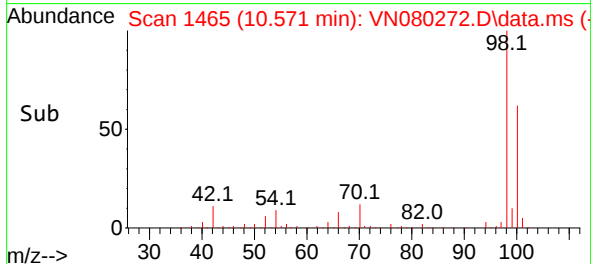
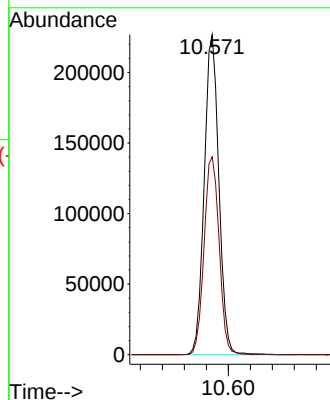
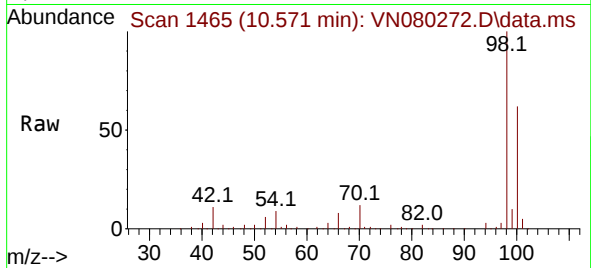




#50
Toluene-d8
Concen: 49.520 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080272.D
Acq: 27 Nov 2023 13:52

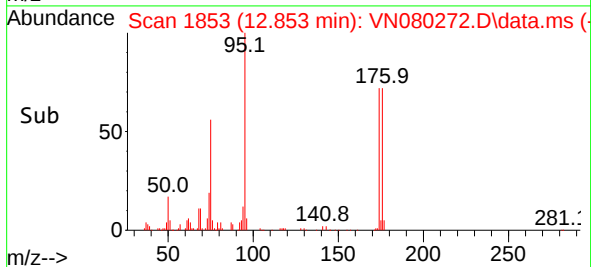
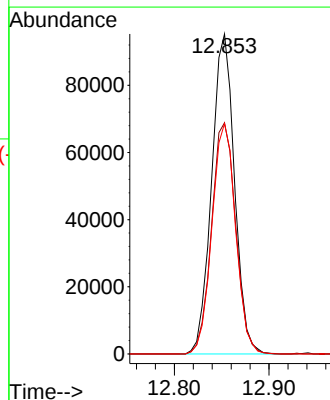
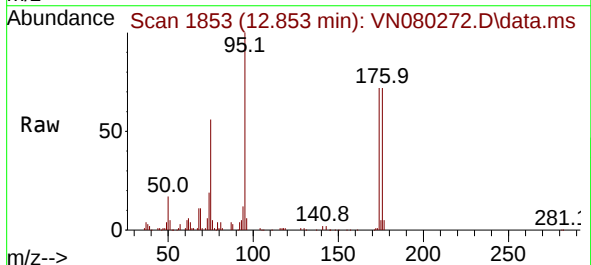
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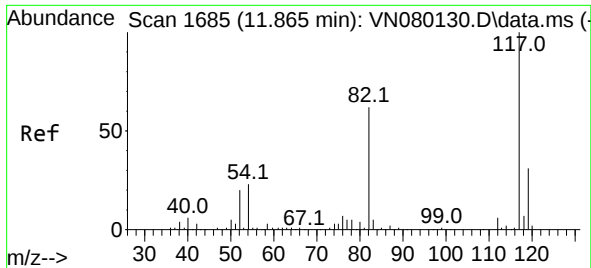
Tgt Ion: 98 Resp: 418045
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.098 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080272.D
Acq: 27 Nov 2023 13:52

Tgt Ion: 95 Resp: 159747
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.8
176 74.4 0.0 135.8

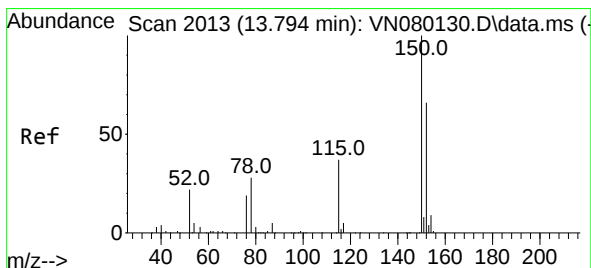
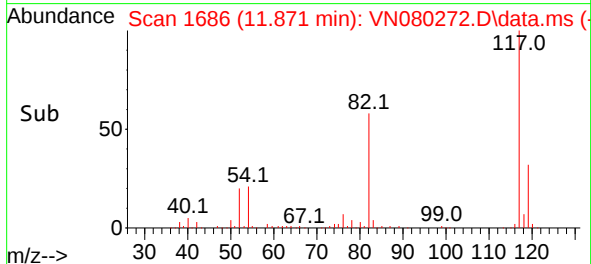
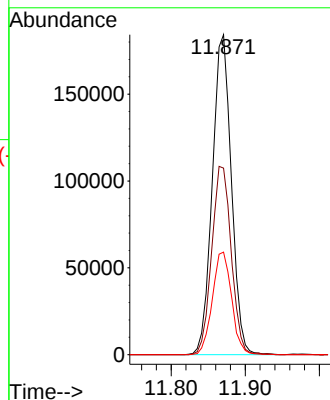
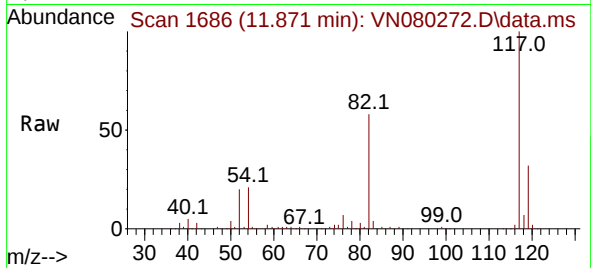




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080272.D
Acq: 27 Nov 2023 13:52

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 328512
Ion Ratio Lower Upper
117 100
82 58.3 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: VN080272.D
Acq: 27 Nov 2023 13:52

Tgt Ion:152 Resp: 148256
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 153.6 0.0 355.8

