

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020723\
 Data File : VN076557.D
 Acq On : 07 Feb 2023 10:56
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 08 01:20:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:16:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	522962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	869076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	750733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	293328	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	294108	47.648	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.300%
35) Dibromofluoromethane	8.171	113	262568	48.602	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.200%
50) Toluene-d8	10.571	98	989327	48.677	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.360%
62) 4-Bromofluorobenzene	12.853	95	331048	46.235	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.480%

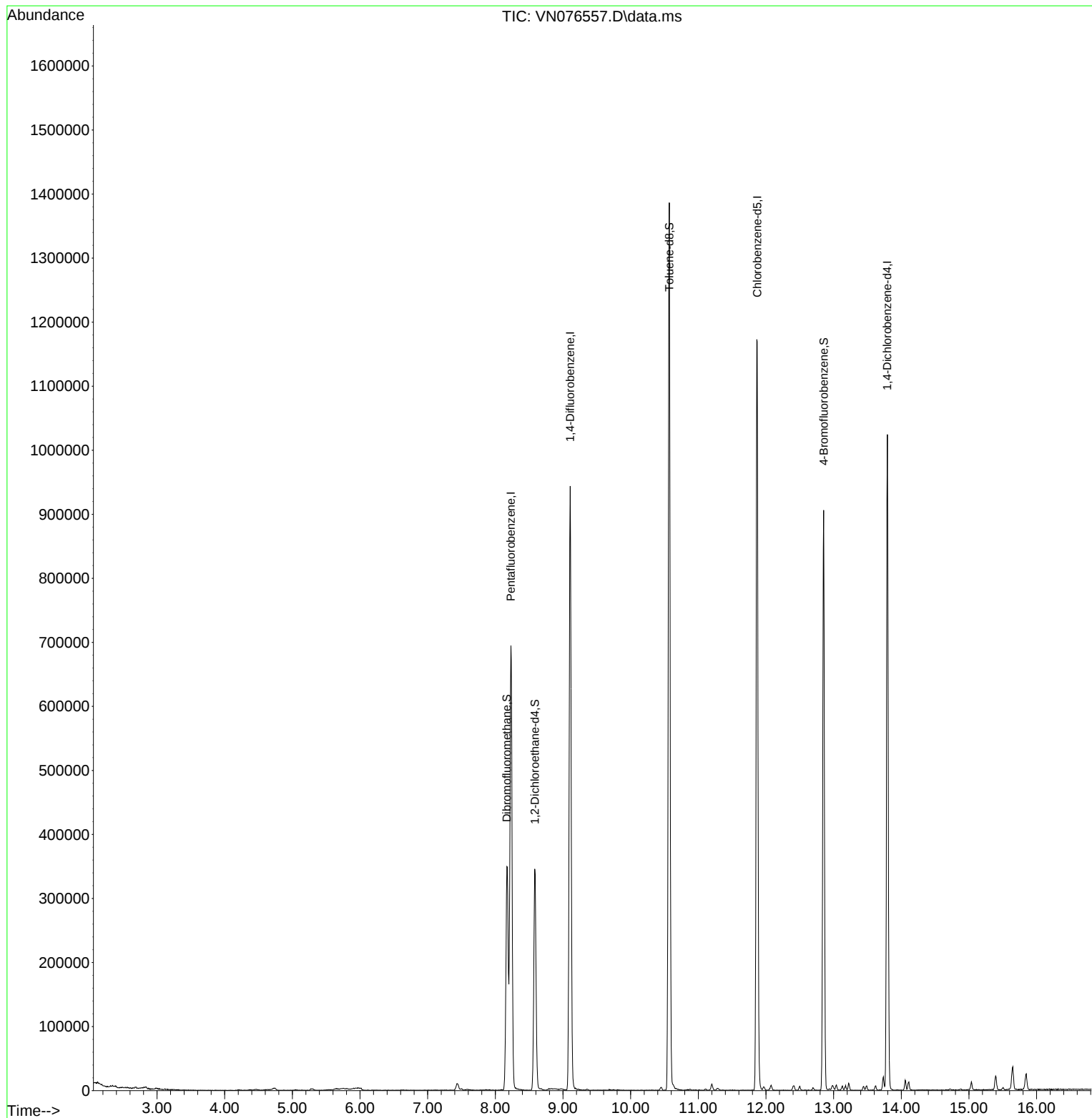
Target Compounds	Qvalue

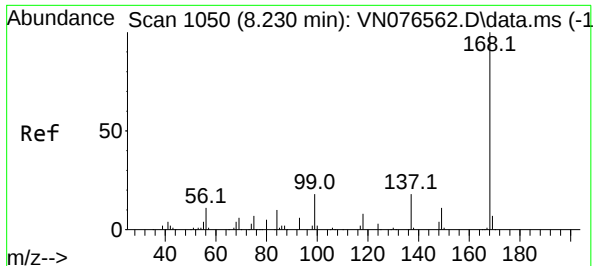
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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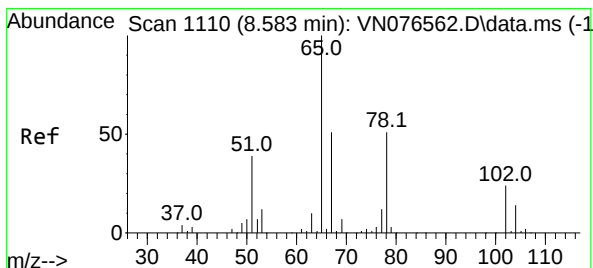
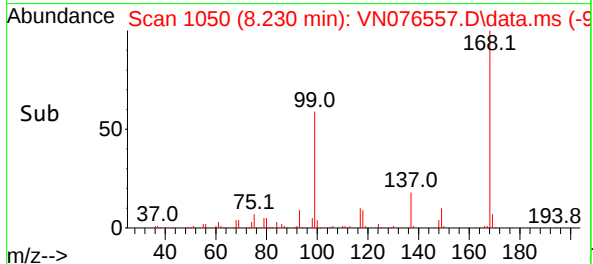
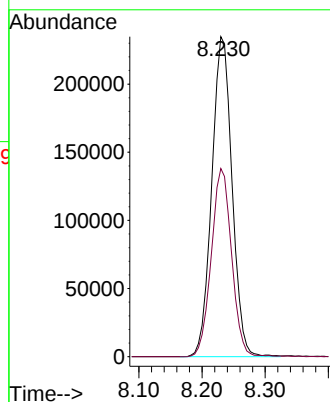
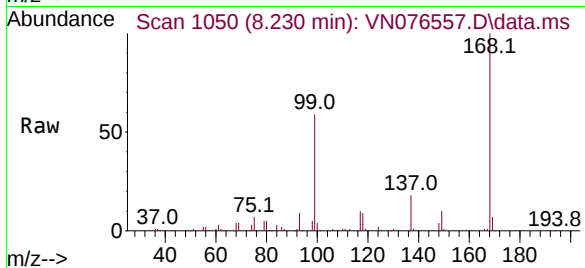




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076557.D
Acq: 07 Feb 2023 10:56

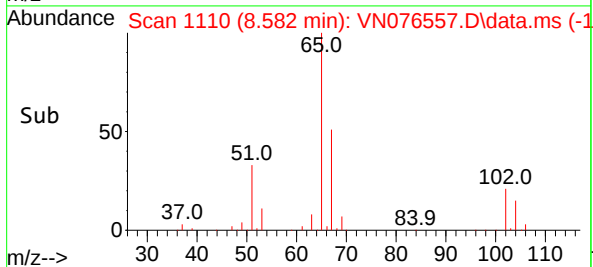
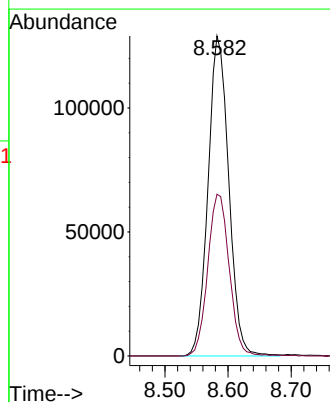
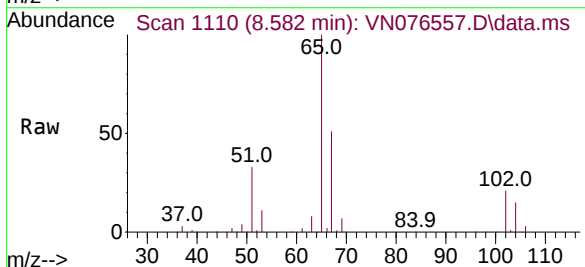
Instrument :
MSVOA_N
ClientSampleId :
IBLK

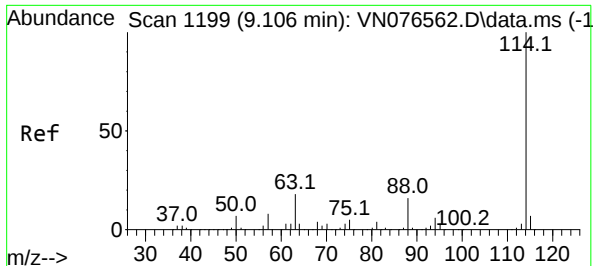
Tgt Ion:168 Resp: 522962
Ion Ratio Lower Upper
168 100
99 58.8 47.8 71.8



#33
1,2-Dichloroethane-d4
Concen: 47.648 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076557.D
Acq: 07 Feb 2023 10:56

Tgt Ion: 65 Resp: 294108
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076557.D

Acq: 07 Feb 2023 10:56

Instrument :

MSVOA_N

ClientSampleId :

IBLK

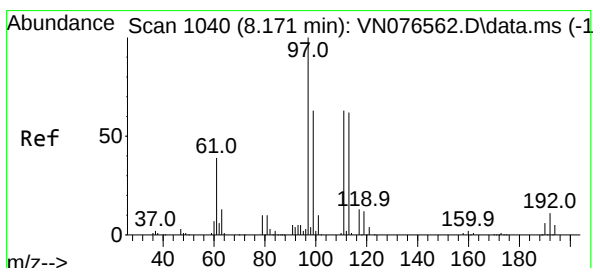
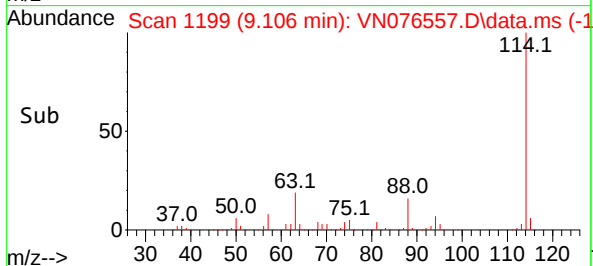
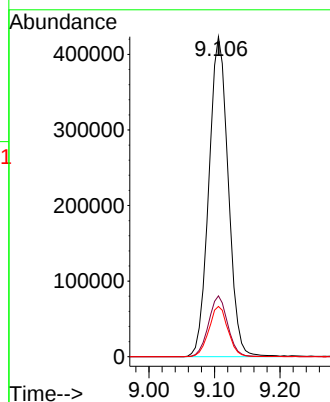
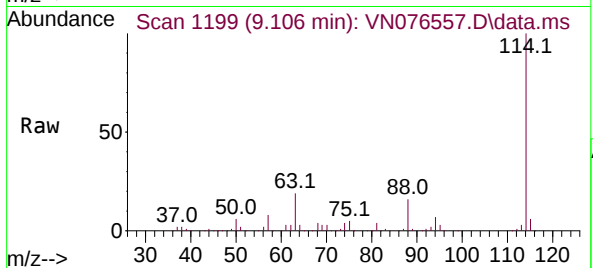
Tgt Ion:114 Resp: 869076

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.6

88 15.7 0.0 32.0



#35

Dibromofluoromethane

Concen: 48.602 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076557.D

Acq: 07 Feb 2023 10:56

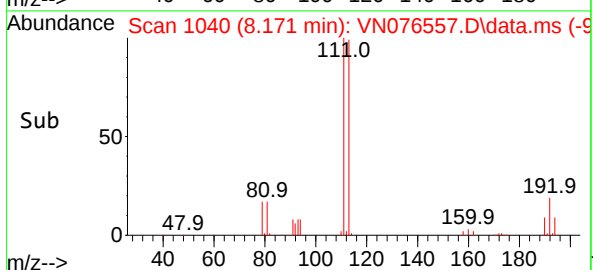
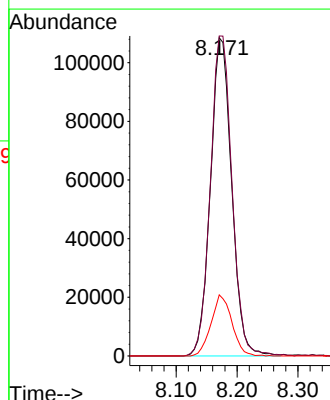
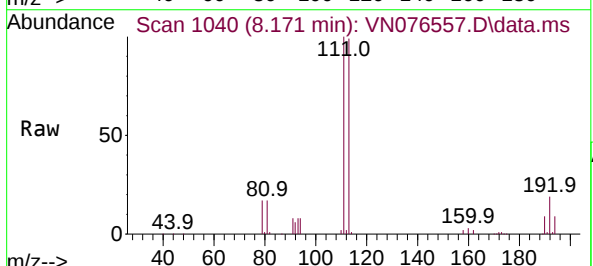
Tgt Ion:113 Resp: 262568

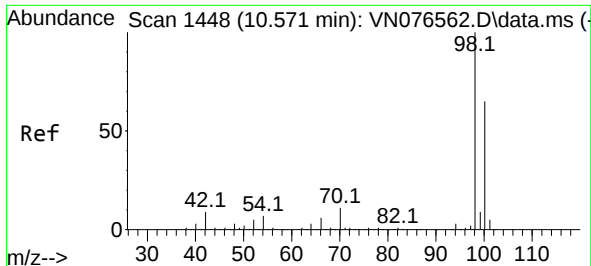
Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

192 18.9 14.8 22.2

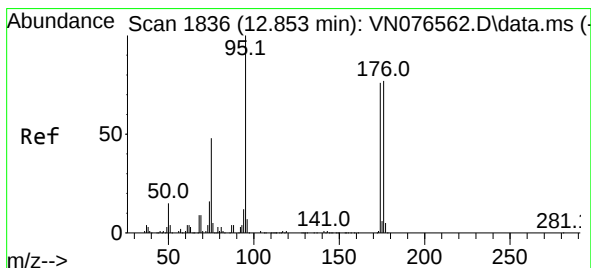
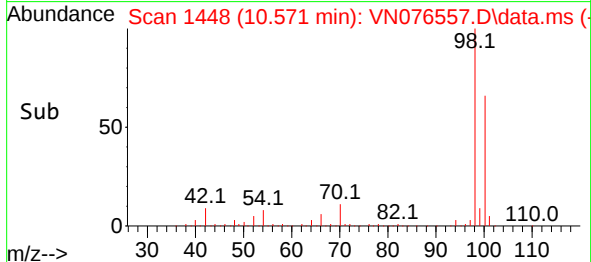
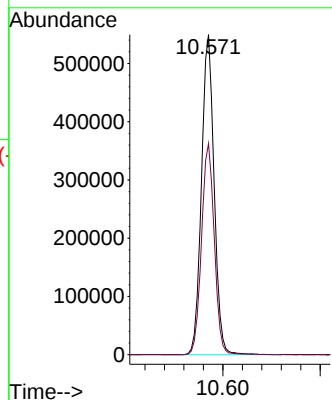
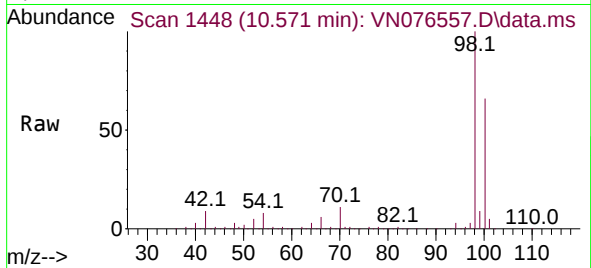




#50
Toluene-d8
Concen: 48.677 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076557.D
Acq: 07 Feb 2023 10:56

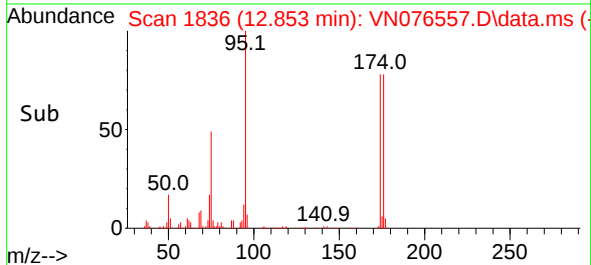
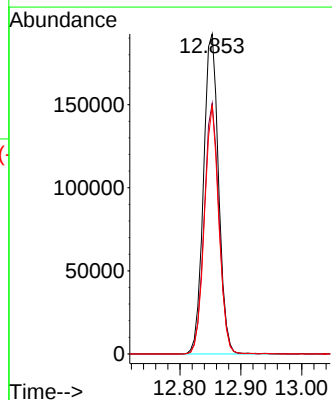
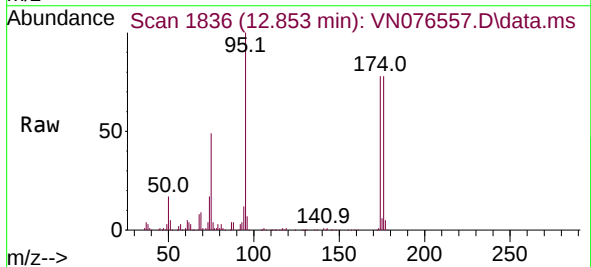
Instrument :
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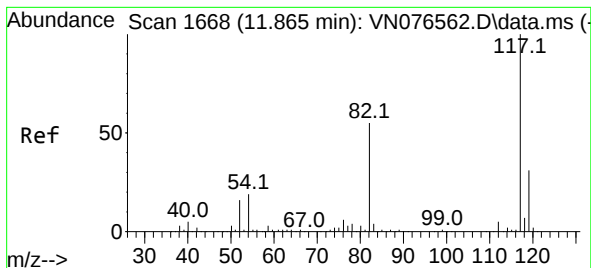
Tgt Ion: 98 Resp: 989327
Ion Ratio Lower Upper
98 100
100 66.6 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.235 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076557.D
Acq: 07 Feb 2023 10:56

Tgt Ion: 95 Resp: 331048
Ion Ratio Lower Upper
95 100
174 77.2 0.0 154.0
176 74.3 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076557.D

Acq: 07 Feb 2023 10:56

Instrument :

MSVOA_N

ClientSampleId :

IBLK

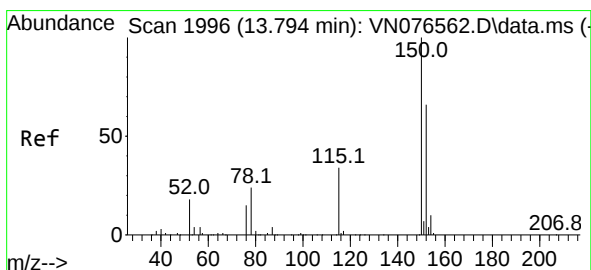
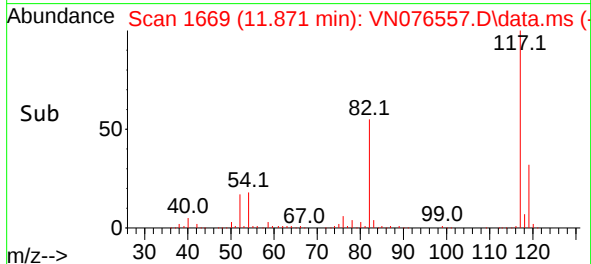
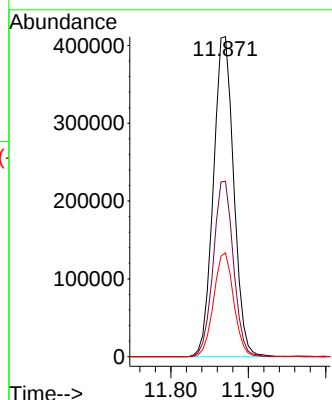
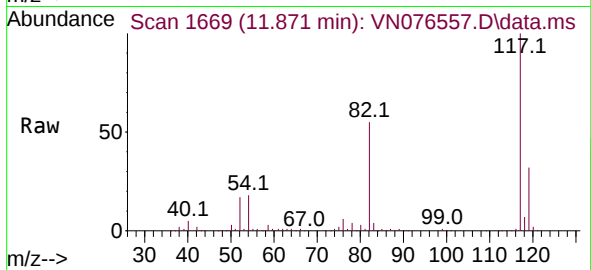
Tgt Ion:117 Resp: 750733

Ion Ratio Lower Upper

117 100

82 54.8 44.2 66.4

119 32.5 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076557.D

Acq: 07 Feb 2023 10:56

Tgt Ion:152 Resp: 293328

Ion Ratio Lower Upper

152 100

115 60.1 30.8 92.3

150 157.5 0.0 348.8

