

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
 Data File : VN079229.D
 Acq On : 11 Sep 2023 20:18
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 12 05:23:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

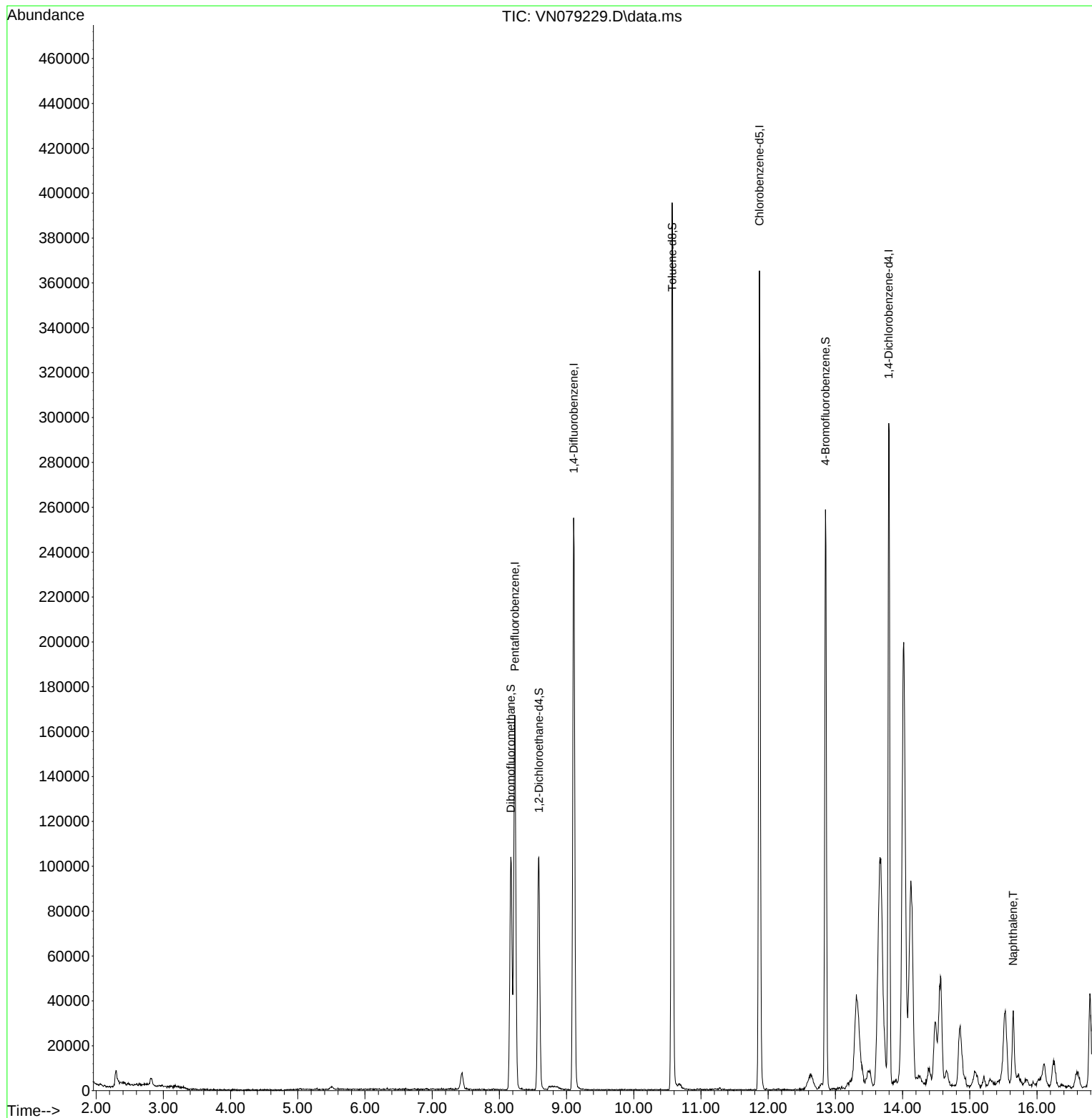
Internal Standards						
1) Pentafluorobenzene	8.229	168	125945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	229304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	218434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	87317	51.359	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.720%			
35) Dibromofluoromethane	8.171	113	77402	50.746	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.500%			
50) Toluene-d8	10.570	98	285783	51.027	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.060%			
62) 4-Bromofluorobenzene	12.853	95	97941	54.823	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.640%			
Target Compounds						
95) Naphthalene	15.647	128	24965	7.392	ug/l	Qvalue 96

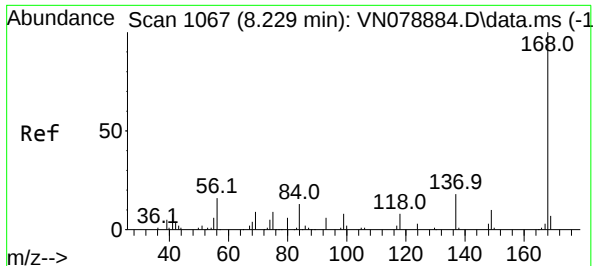
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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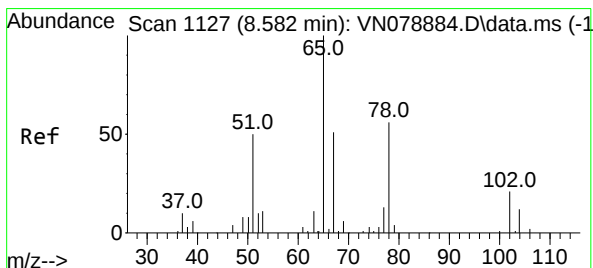
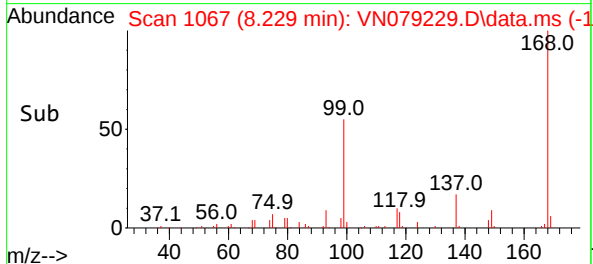
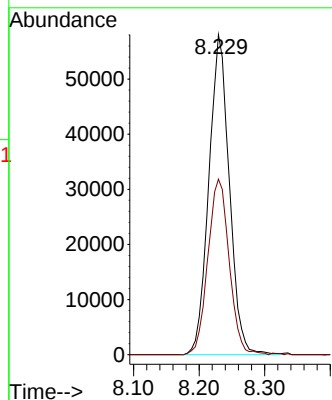
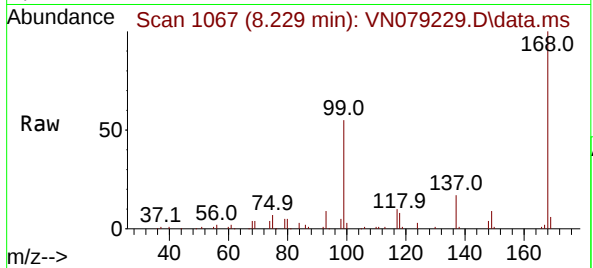




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079229.D
Acq: 11 Sep 2023 20:18

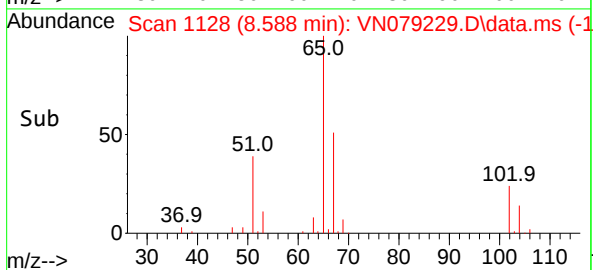
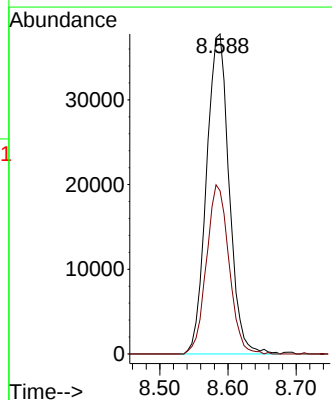
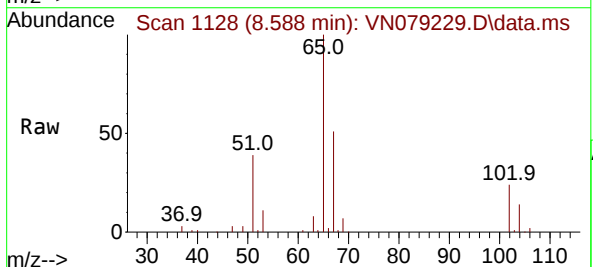
Instrument :
MSVOA_N
ClientSampleId :
IBLK

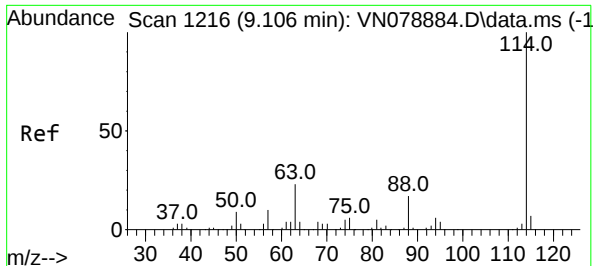
Tgt Ion:168 Resp: 125945
Ion Ratio Lower Upper
168 100
99 54.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 51.359 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN079229.D
Acq: 11 Sep 2023 20:18

Tgt Ion: 65 Resp: 87317
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079229.D

Acq: 11 Sep 2023 20:18

Instrument :

MSVOA_N

ClientSampleId :

IBLK

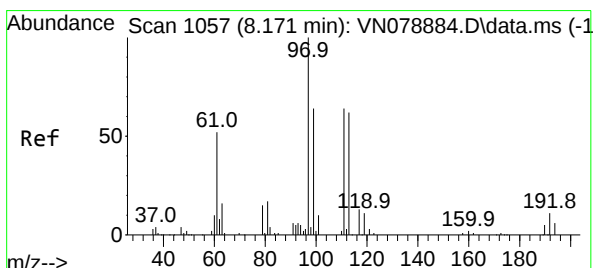
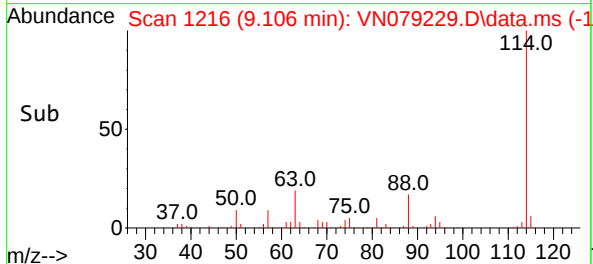
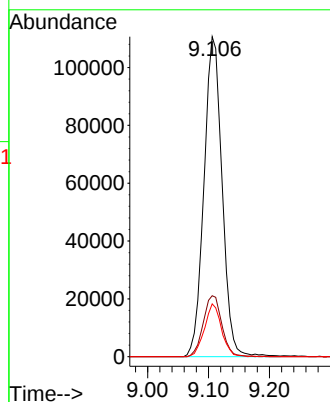
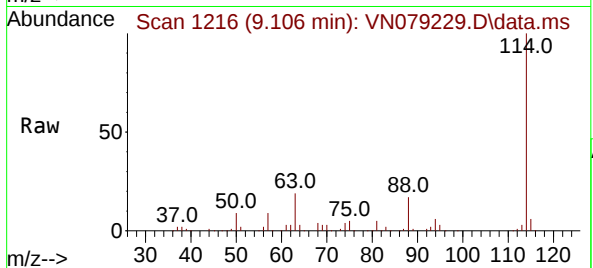
Tgt Ion:114 Resp: 229304

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 16.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.746 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079229.D

Acq: 11 Sep 2023 20:18

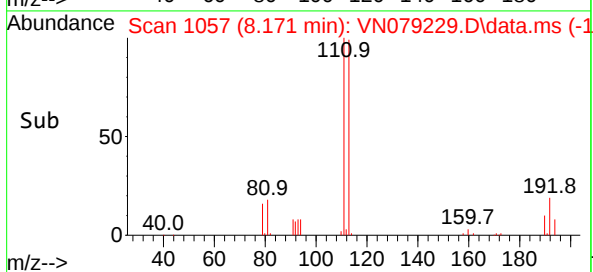
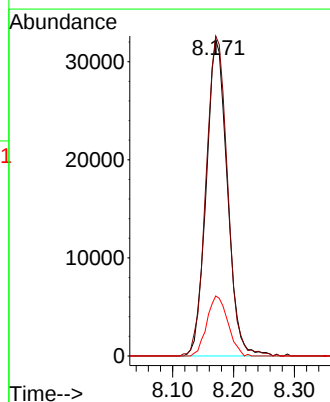
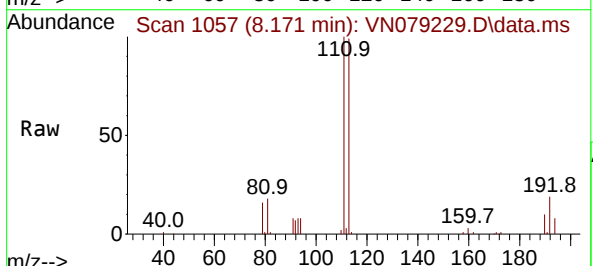
Tgt Ion:113 Resp: 77402

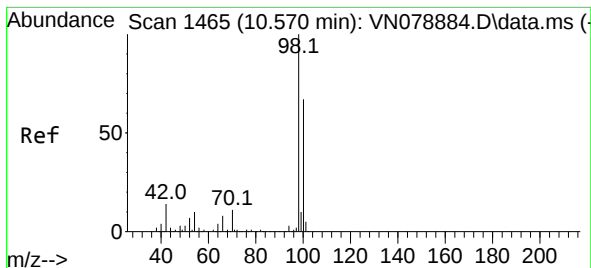
Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 18.8 12.7 19.1





#50

Toluene-d8

Concen: 51.027 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN079229.D

Acq: 11 Sep 2023 20:18

Instrument :

MSVOA_N

ClientSampleId :

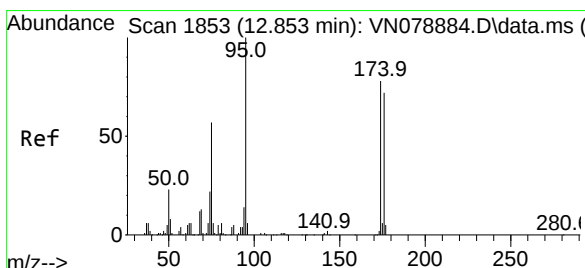
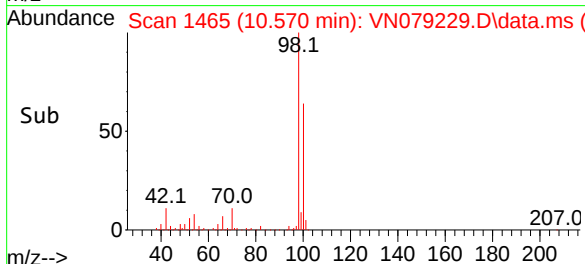
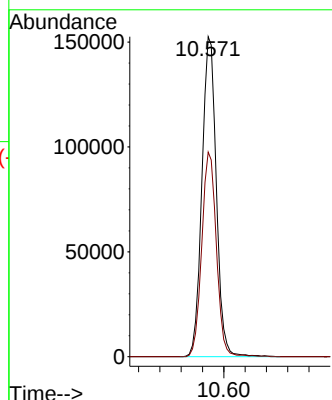
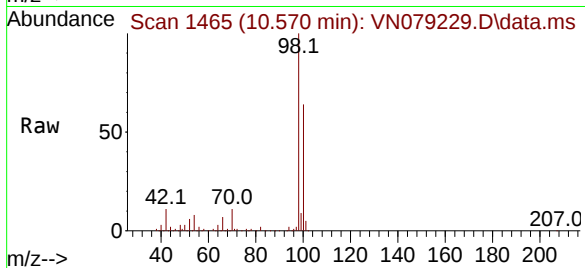
IBLK

Tgt Ion: 98 Resp: 285783

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 54.823 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN079229.D

Acq: 11 Sep 2023 20:18

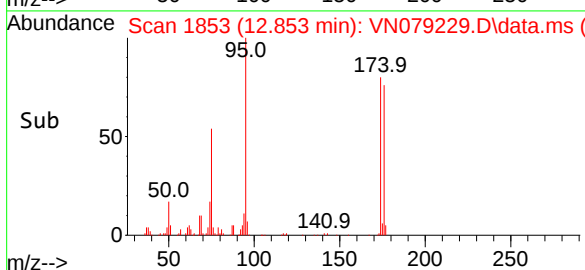
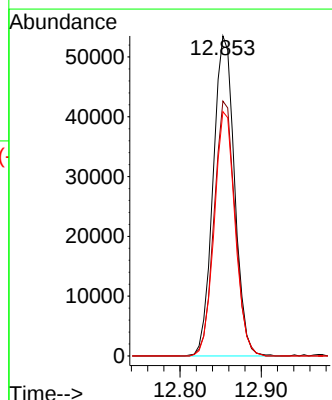
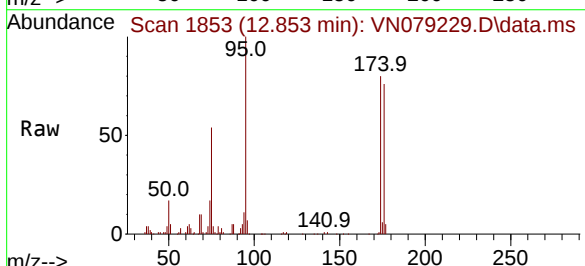
Tgt Ion: 95 Resp: 97941

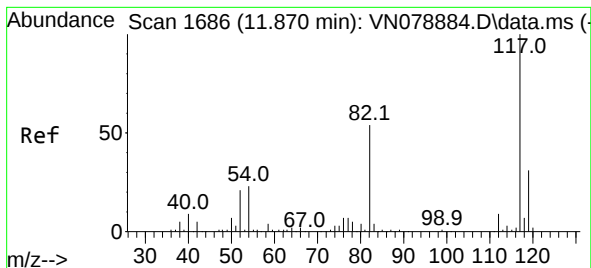
Ion Ratio Lower Upper

95 100

174 78.3 0.0 143.8

176 74.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN079229.D

Acq: 11 Sep 2023 20:18

Instrument :

MSVOA_N

ClientSampleId :

IBLK

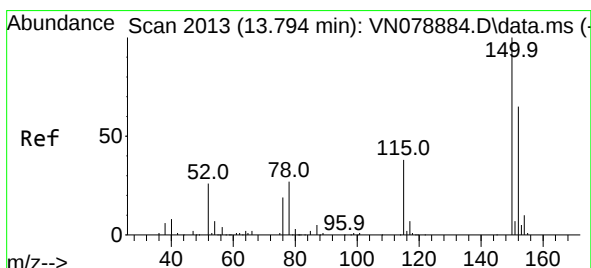
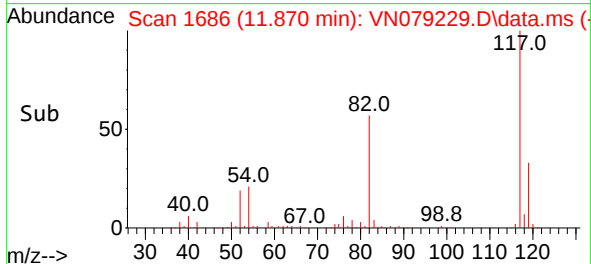
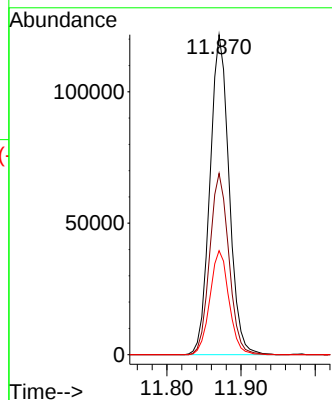
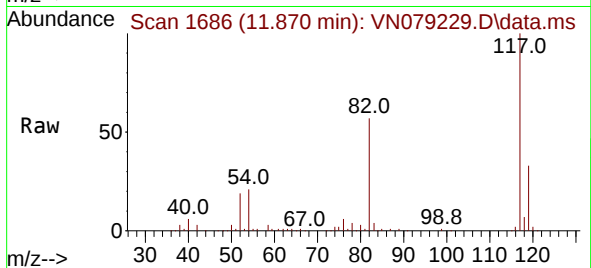
Tgt Ion:117 Resp: 218434

Ion Ratio Lower Upper

117 100

82 56.6 44.0 66.0

119 32.5 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: VN079229.D

Acq: 11 Sep 2023 20:18

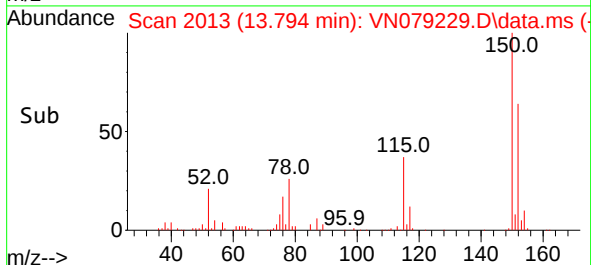
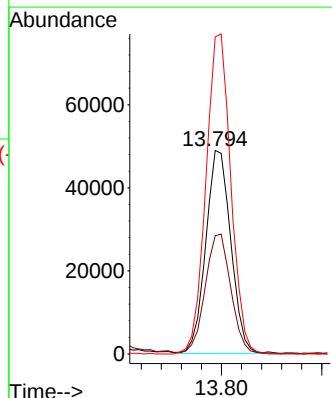
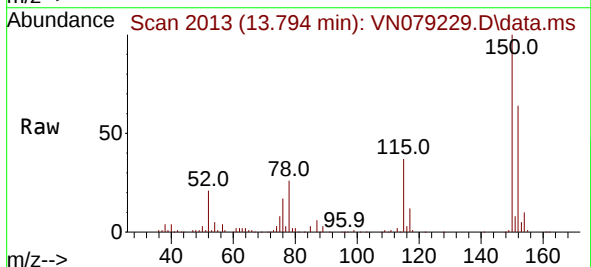
Tgt Ion:152 Resp: 84828

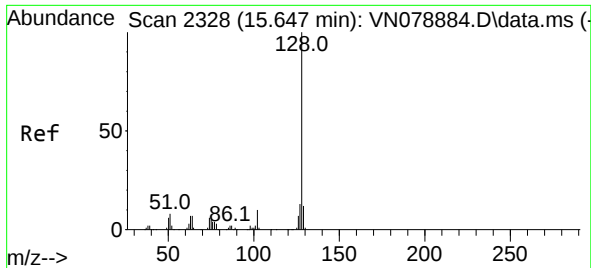
Ion Ratio Lower Upper

152 100

115 60.9 32.3 96.8

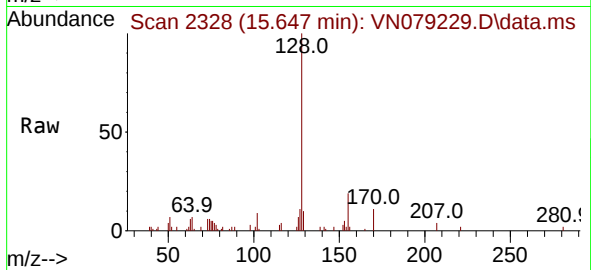
150 156.8 0.0 355.8





#95
Naphthalene
Concen: 7.392 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079229.D
Acq: 11 Sep 2023 20:18

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:	128	Resp:	24965
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.0	15.0
129	12.8	8.7	13.1

