

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072023\
 Data File : VN078601.D
 Acq On : 20 Jul 2023 18:22
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 21 06:19:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	431065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	788659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	732004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	234957	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	291607	50.461	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.920%
35) Dibromofluoromethane	8.177	113	293856	54.889	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.780%
50) Toluene-d8	10.571	98	936328	46.297	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.600%
62) 4-Bromofluorobenzene	12.853	95	302174	48.506	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.020%

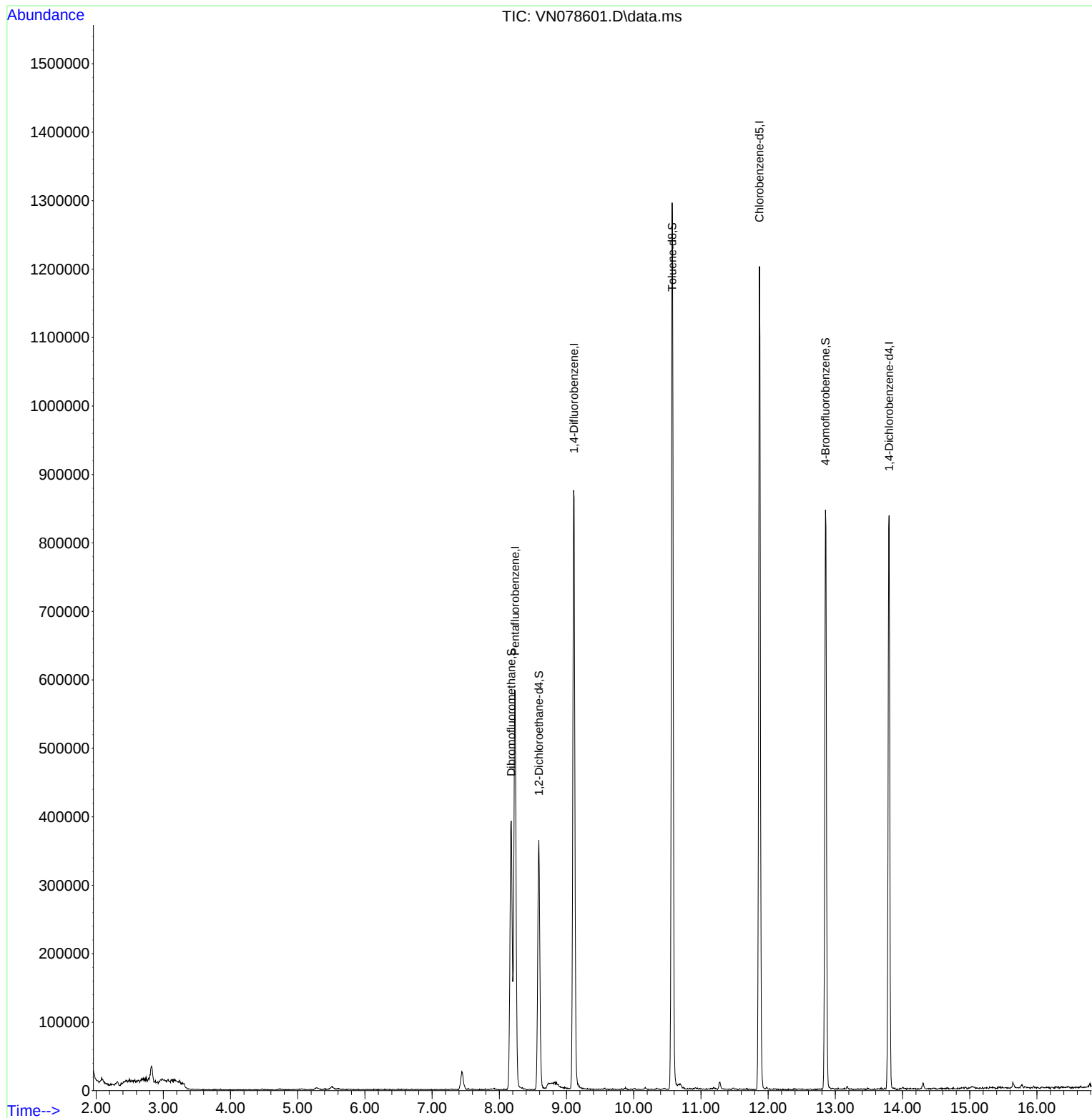
Target Compounds	Qvalue

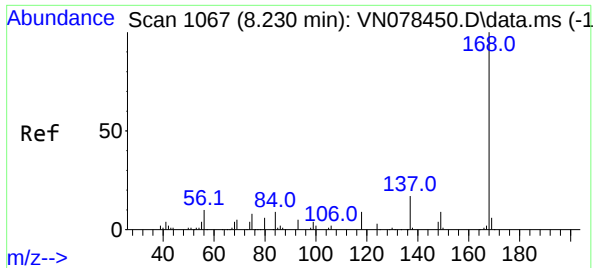
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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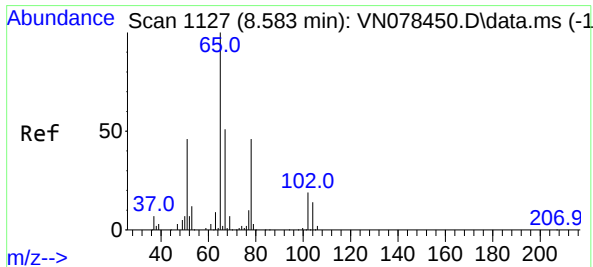
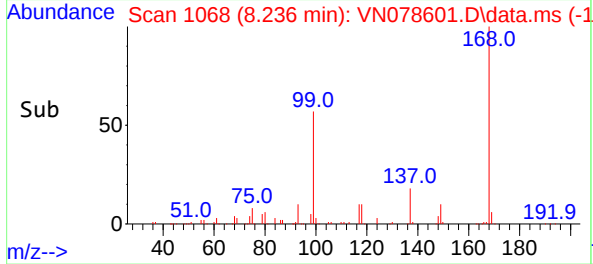
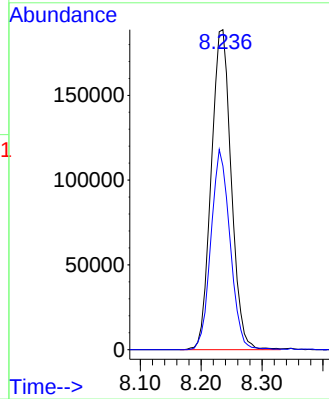
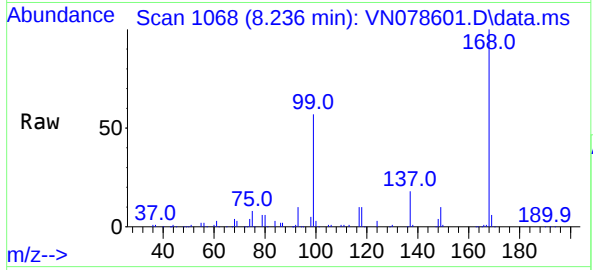




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078601.D
Acq: 20 Jul 2023 18:22

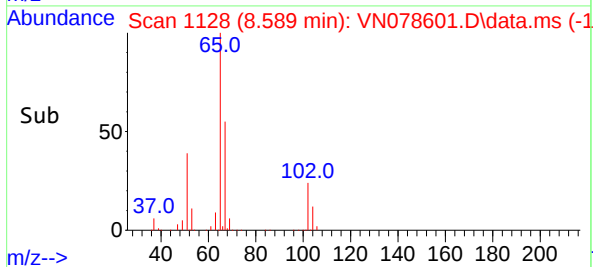
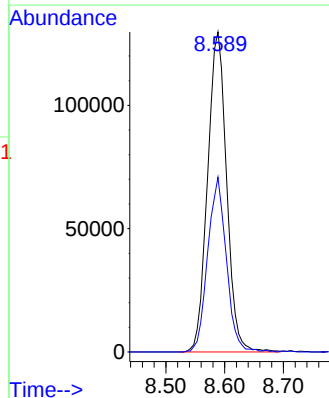
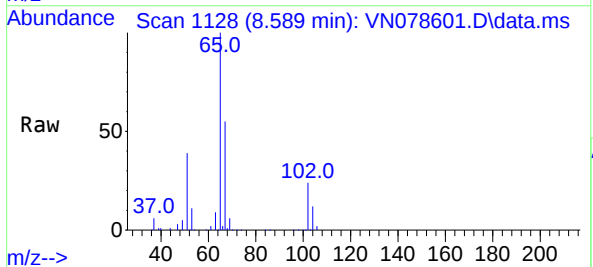
Instrument :
MSVOA_N
ClientSampleId :
IBLK

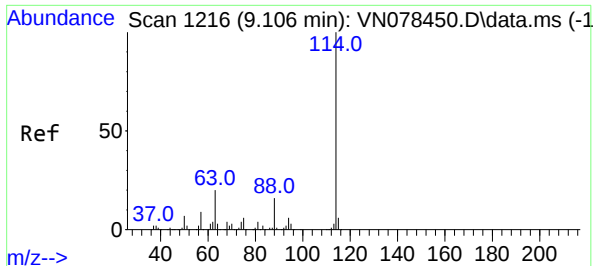
Tgt Ion:168 Resp: 431065
Ion Ratio Lower Upper
168 100
99 57.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.461 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078601.D
Acq: 20 Jul 2023 18:22

Tgt Ion: 65 Resp: 291607
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078601.D

Acq: 20 Jul 2023 18:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK

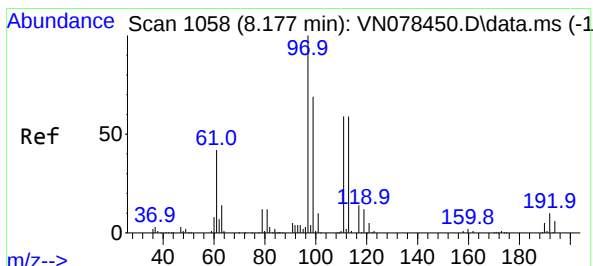
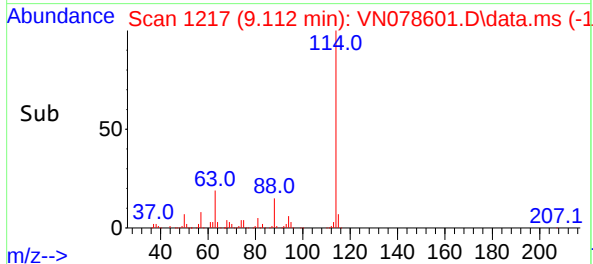
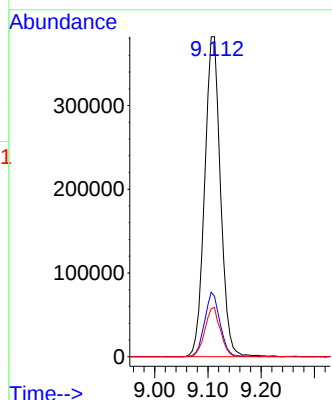
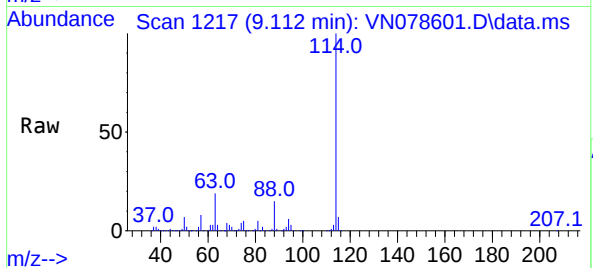
Tgt Ion:114 Resp: 788659

Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.889 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078601.D

Acq: 20 Jul 2023 18:22

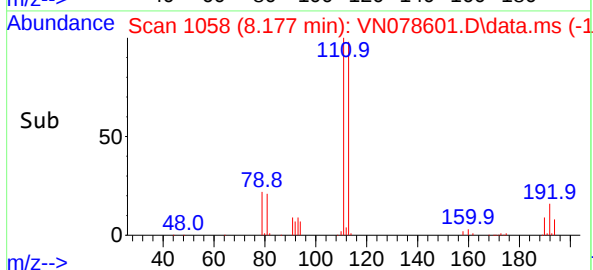
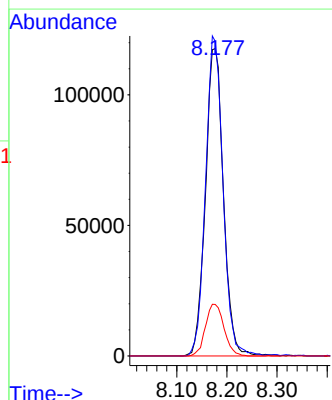
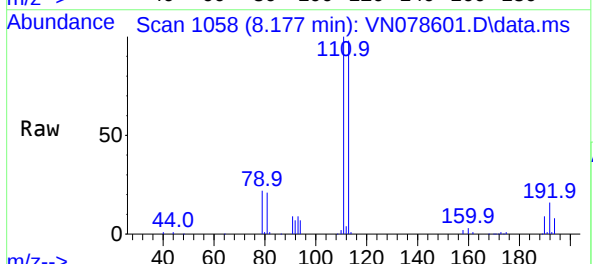
Tgt Ion:113 Resp: 293856

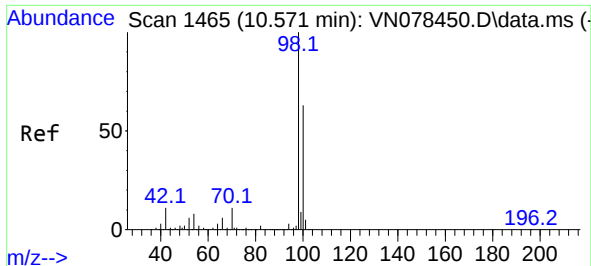
Ion Ratio Lower Upper

113 100

111 100.7 82.6 123.8

192 17.3 12.7 19.1

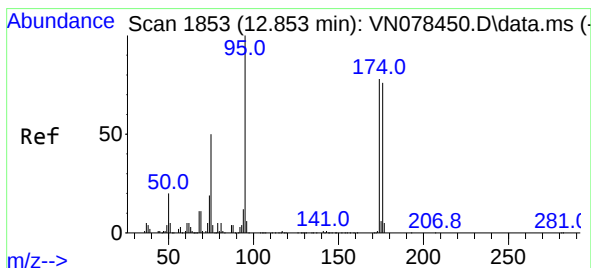
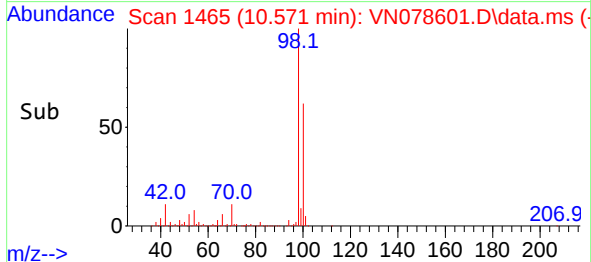
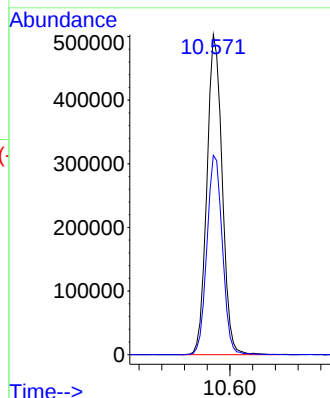
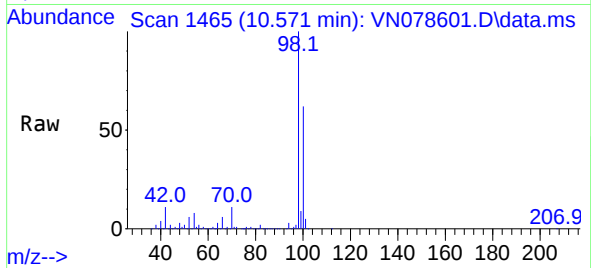




#50
Toluene-d8
Concen: 46.297 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078601.D
Acq: 20 Jul 2023 18:22

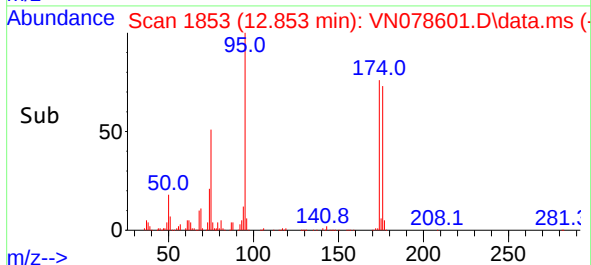
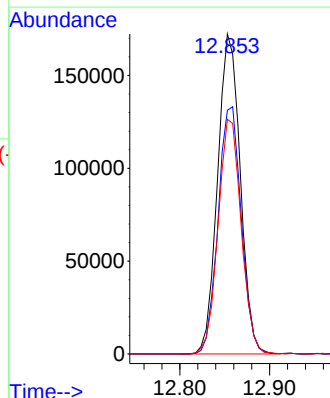
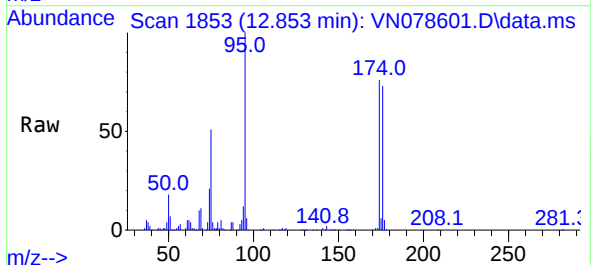
Instrument :
MSVOA_N
ClientSampleId :
IBLK

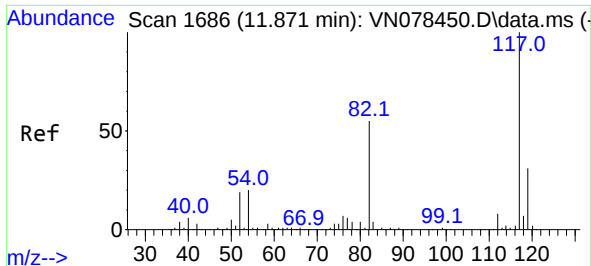
Tgt Ion: 98 Resp: 936328
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.506 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078601.D
Acq: 20 Jul 2023 18:22

Tgt Ion: 95 Resp: 302174
Ion Ratio Lower Upper
95 100
174 79.1 0.0 143.8
176 74.5 0.0 135.8

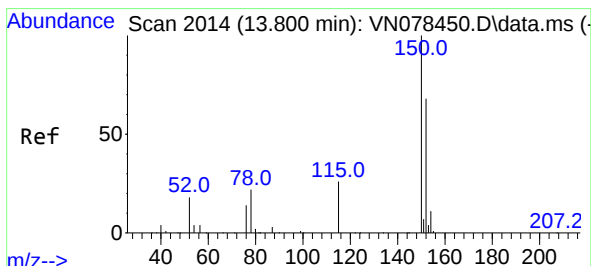
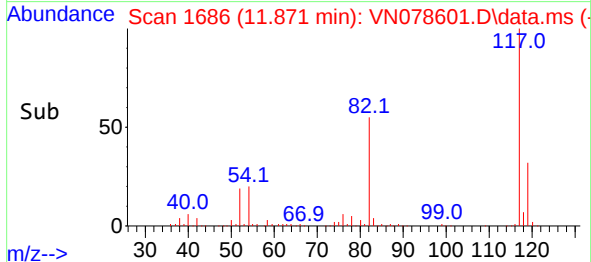
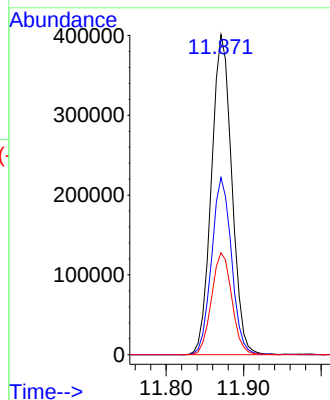
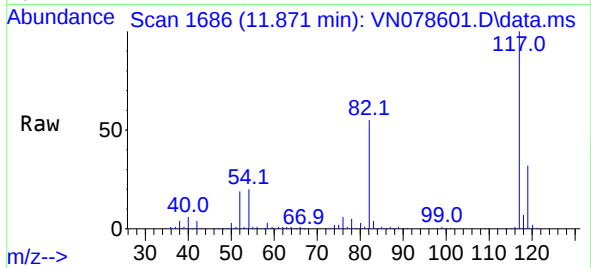




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078601.D
Acq: 20 Jul 2023 18:22

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 732004
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078601.D
Acq: 20 Jul 2023 18:22

Tgt Ion:152 Resp: 234957
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 153.8 0.0 355.8

