

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103023\
 Data File : VN079722.D
 Acq On : 30 Oct 2023 13:14
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 31 07:28:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	167509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	334182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	330898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	80080	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	150061	55.785	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.560%
35) Dibromofluoromethane	8.171	113	127151	53.248	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.500%
50) Toluene-d8	10.571	98	433051	48.648	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.300%
62) 4-Bromofluorobenzene	12.853	95	117346	41.861	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.720%

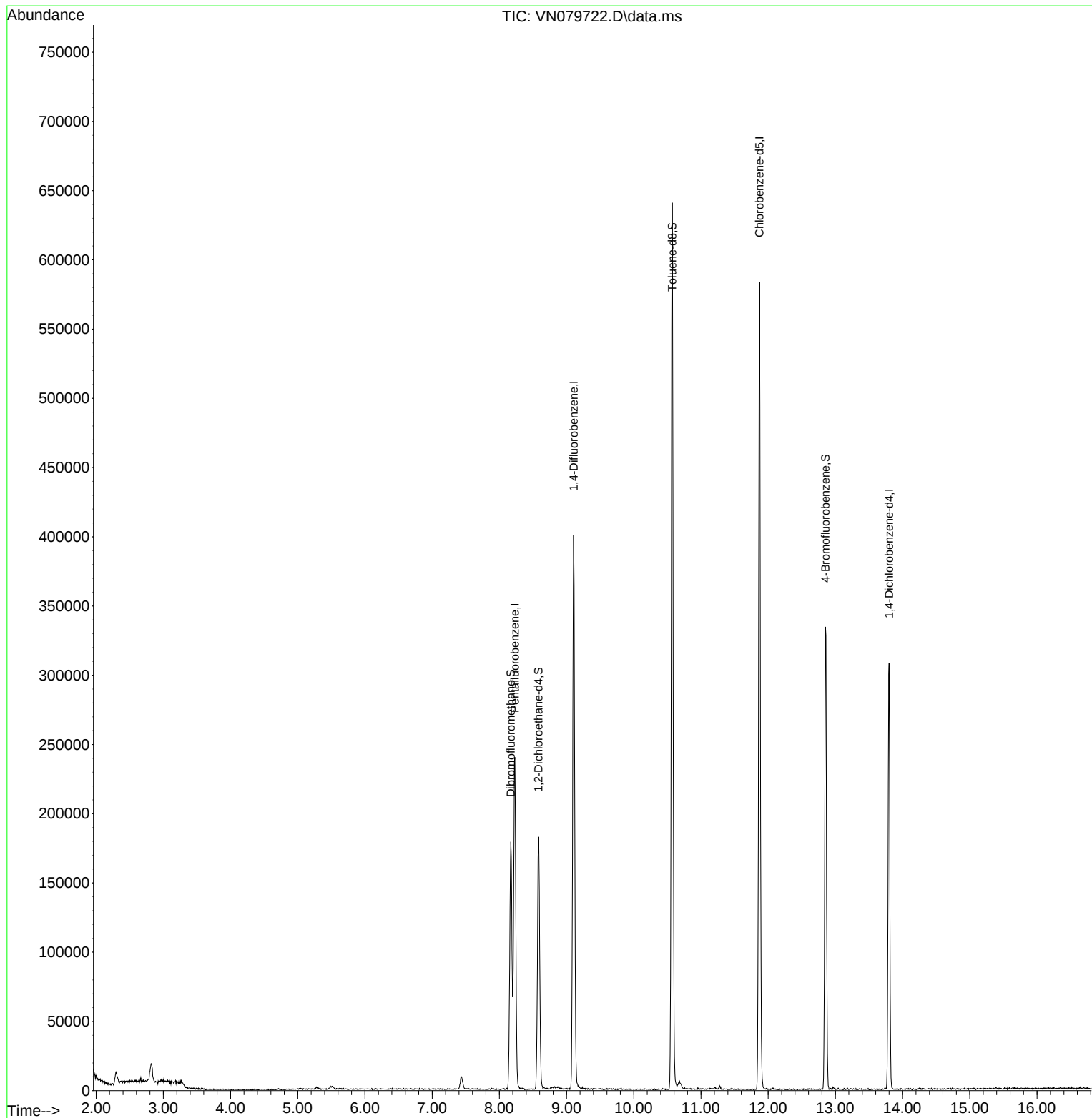
Target Compounds	Qvalue

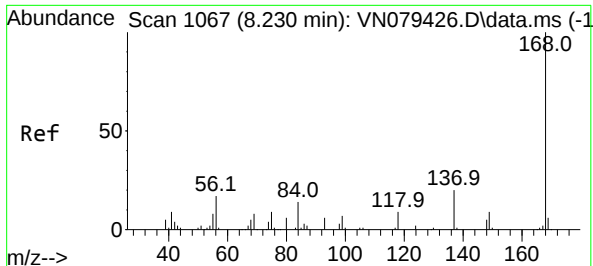
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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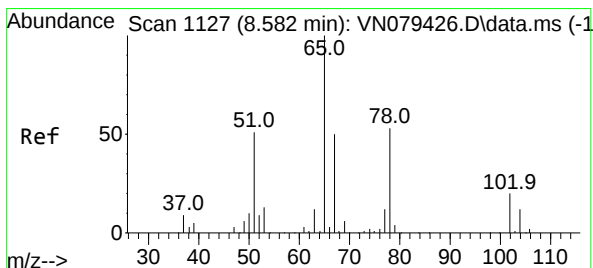
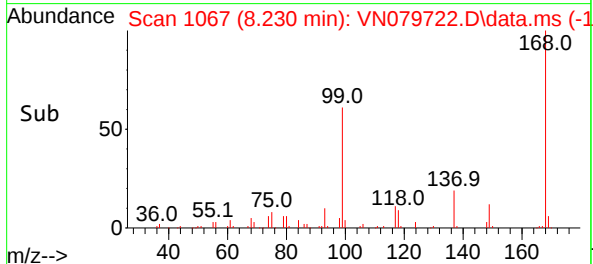
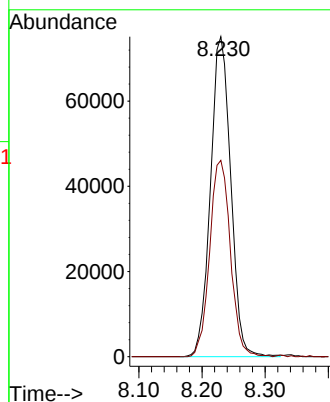
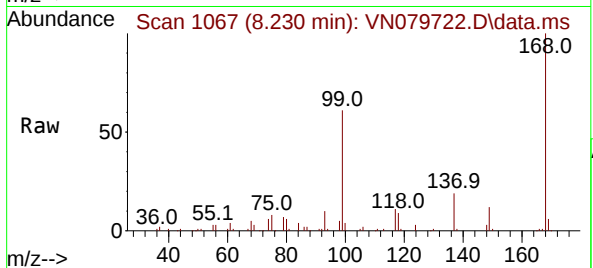




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079722.D
Acq: 30 Oct 2023 13:14

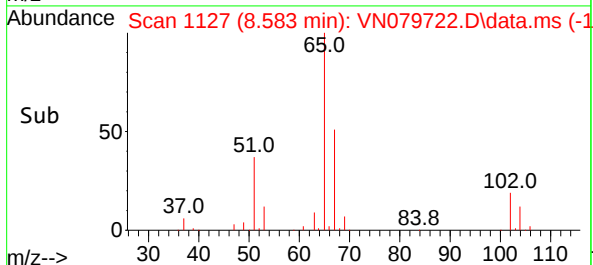
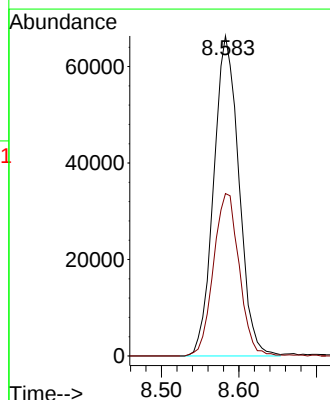
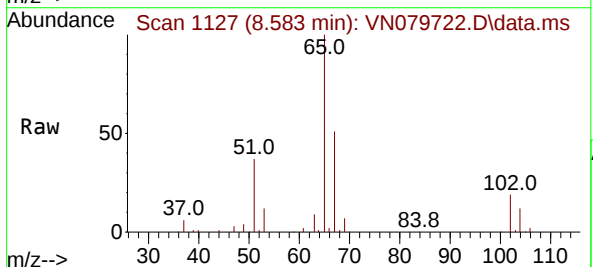
Instrument :
MSVOA_N
ClientSampleId :
IBLK

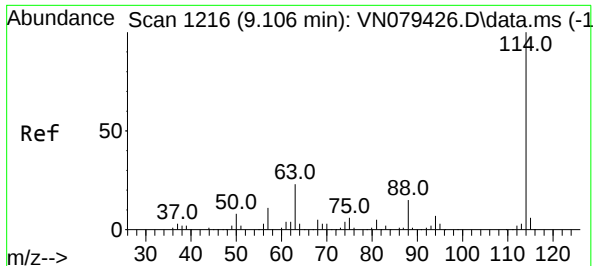
Tgt Ion:168 Resp: 167509
Ion Ratio Lower Upper
168 100
99 61.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 55.785 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN079722.D
Acq: 30 Oct 2023 13:14

Tgt Ion: 65 Resp: 150061
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6

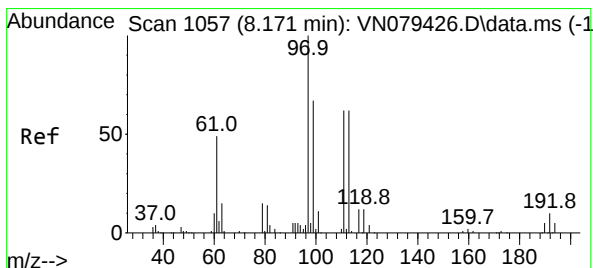
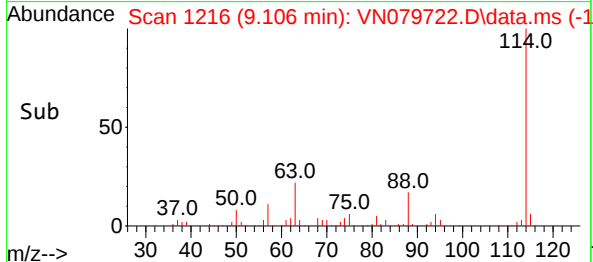
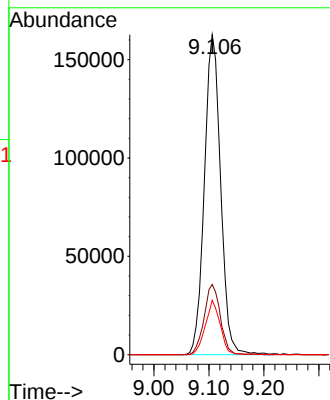
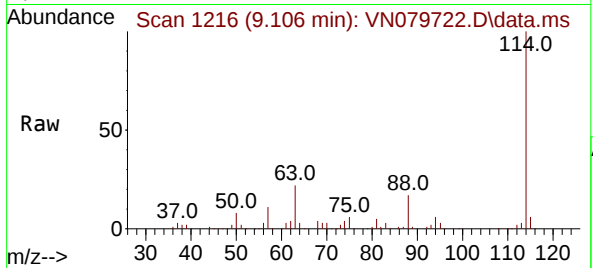




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079722.D
Acq: 30 Oct 2023 13:14

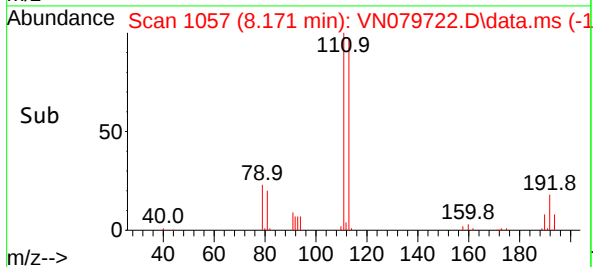
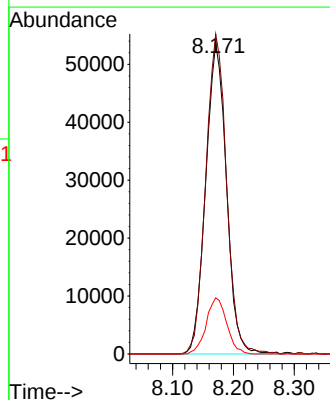
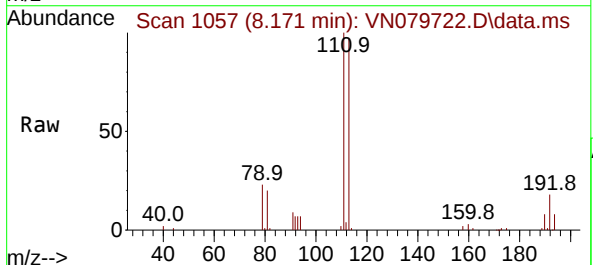
Instrument :
MSVOA_N
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IBLK

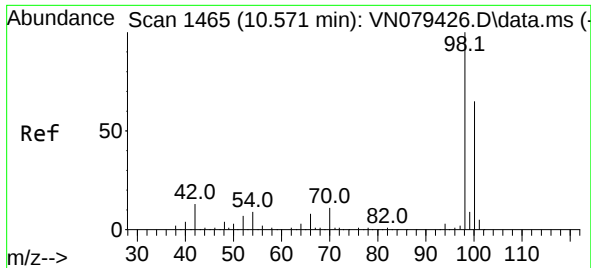
Tgt Ion:114 Resp: 334182
Ion Ratio Lower Upper
114 100
63 21.9 0.0 36.4
88 17.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.248 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079722.D
Acq: 30 Oct 2023 13:14

Tgt Ion:113 Resp: 127151
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 17.8 12.7 19.1

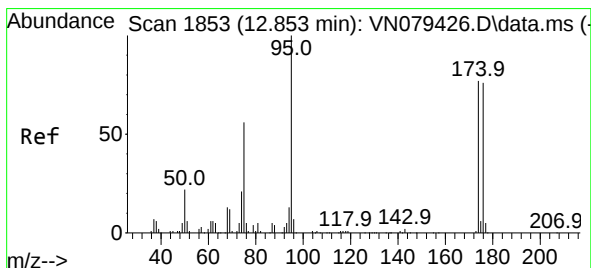
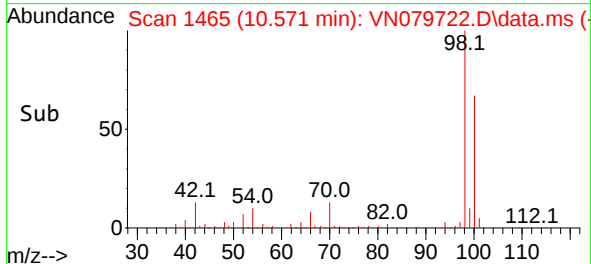
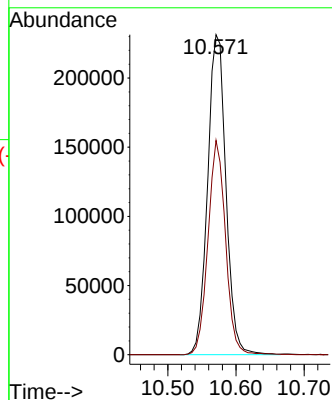
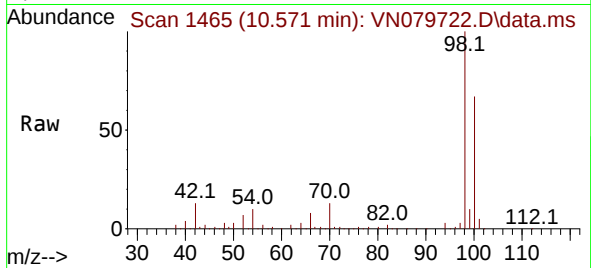




#50
Toluene-d8
Concen: 48.648 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079722.D
Acq: 30 Oct 2023 13:14

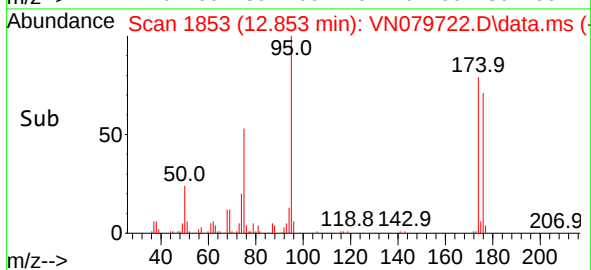
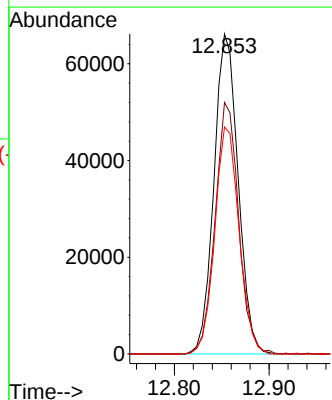
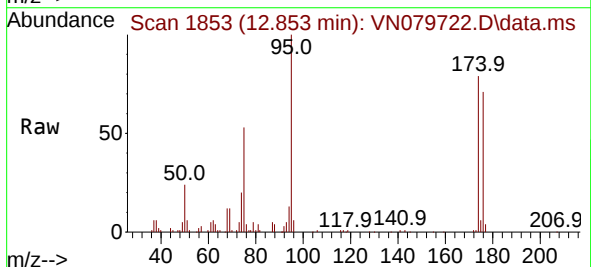
Instrument :
MSVOA_N
ClientSampleId :
IBLK

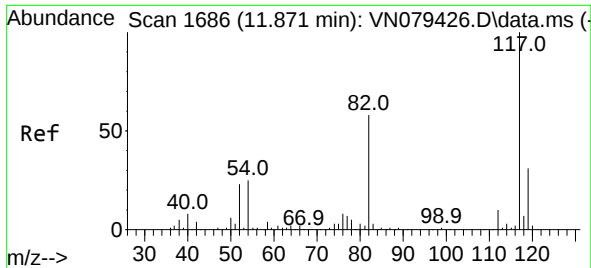
Tgt Ion: 98 Resp: 433051
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.861 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079722.D
Acq: 30 Oct 2023 13:14

Tgt Ion: 95 Resp: 117346
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 71.4 0.0 135.8

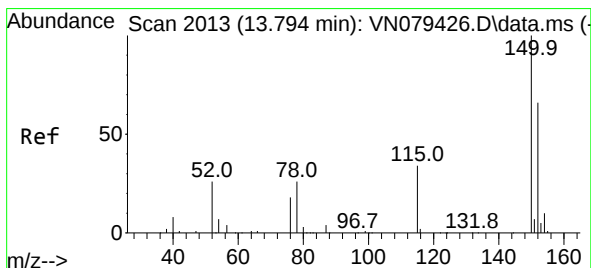
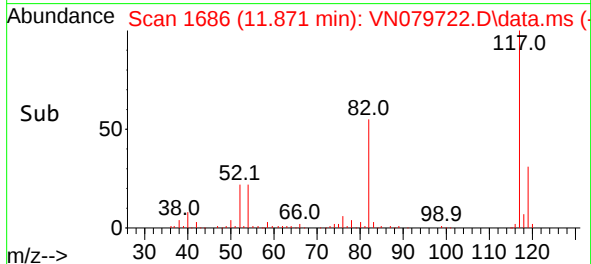
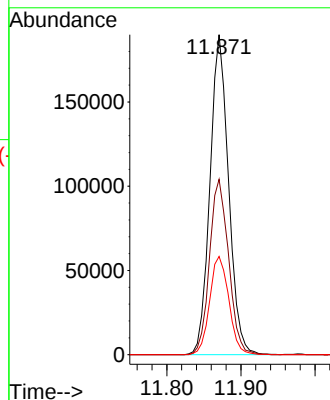
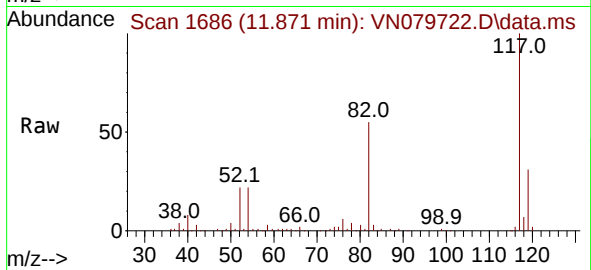




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079722.D
Acq: 30 Oct 2023 13:14

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 330898
Ion Ratio Lower Upper
117 100
82 54.8 44.0 66.0
119 30.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079722.D
Acq: 30 Oct 2023 13:14

Tgt Ion:152 Resp: 80080
Ion Ratio Lower Upper
152 100
115 62.6 32.3 96.8
150 161.0 0.0 355.8

