

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079736.D
 Acq On : 31 Oct 2023 11:13
 Operator : JC\MD
 Sample : VN1031MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBL01

Quant Time: Nov 01 01:16:21 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	8.229	168	263698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	480183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	411678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116058	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	224228	52.950	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.900%
35) Dibromofluoromethane	8.171	113	175588	51.175	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.340%
50) Toluene-d8	10.570	98	600715	46.964	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.920%
62) 4-Bromofluorobenzene	12.853	95	154380	38.327	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	76.660%#

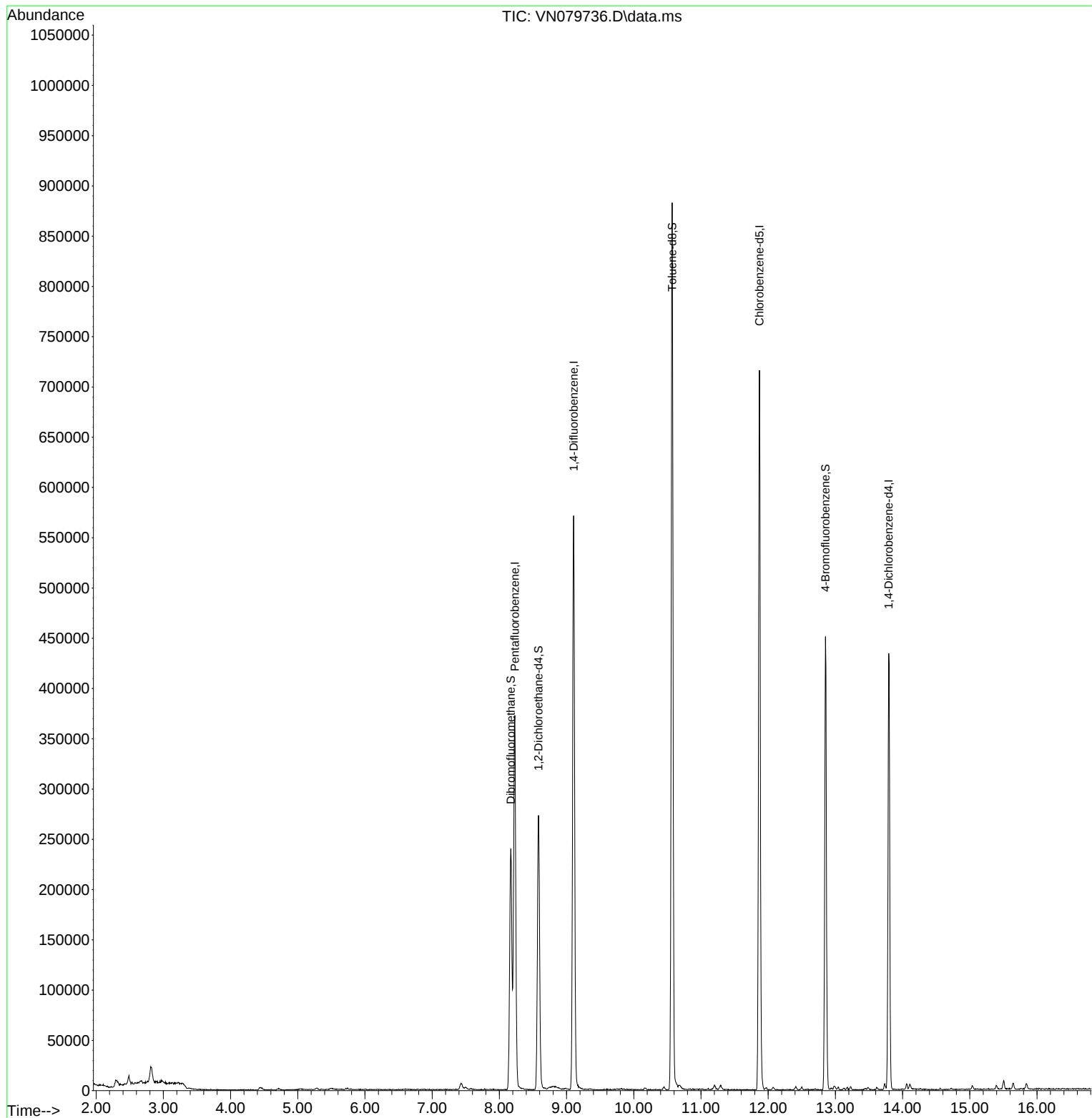
Target Compounds	Qvalue

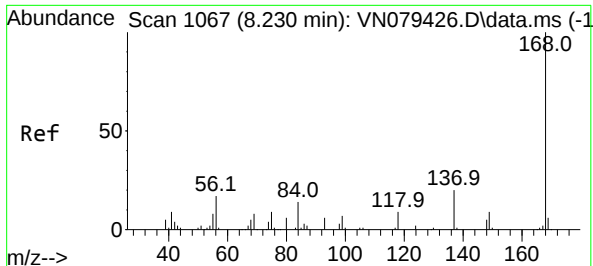
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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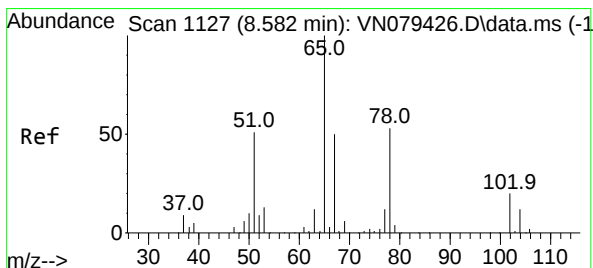
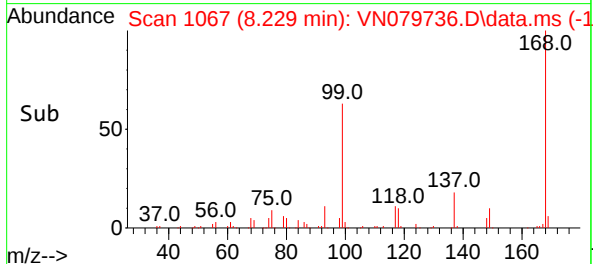
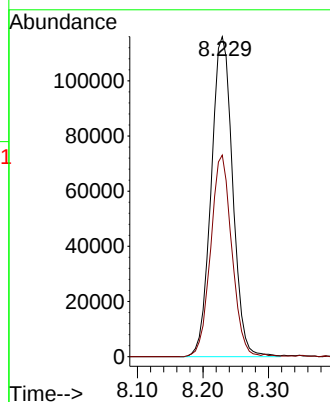
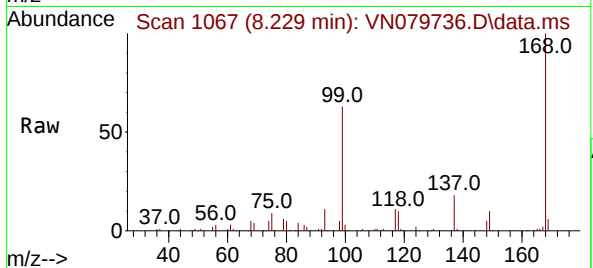




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079736.D
Acq: 31 Oct 2023 11:13

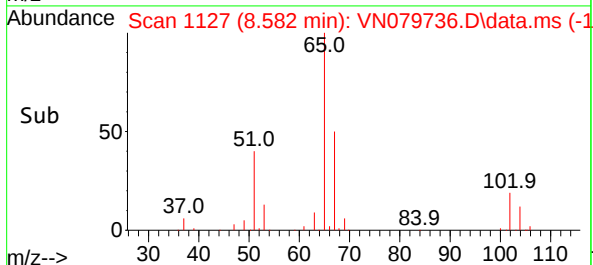
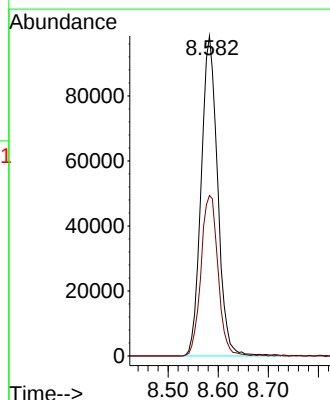
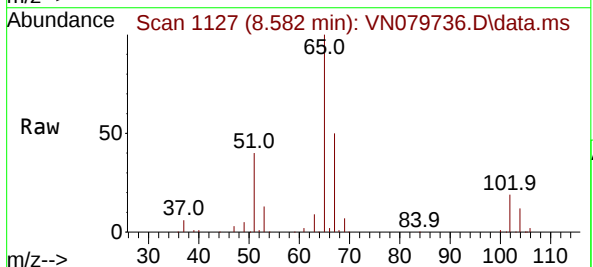
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBL01

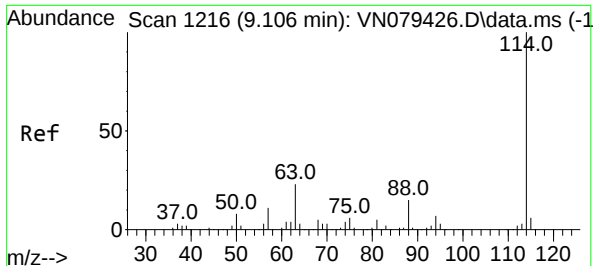
Tgt Ion:168 Resp: 263698
Ion Ratio Lower Upper
168 100
99 63.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.950 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079736.D
Acq: 31 Oct 2023 11:13

Tgt Ion: 65 Resp: 224228
Ion Ratio Lower Upper
65 100
67 51.9 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: VN079736.D

Acq: 31 Oct 2023 11:13

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBL01

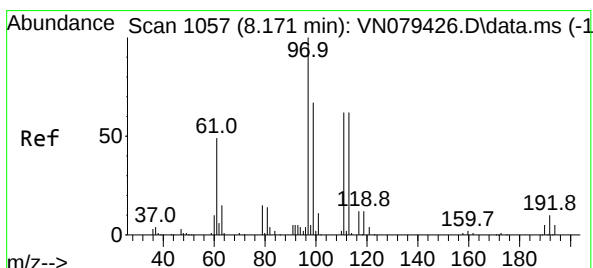
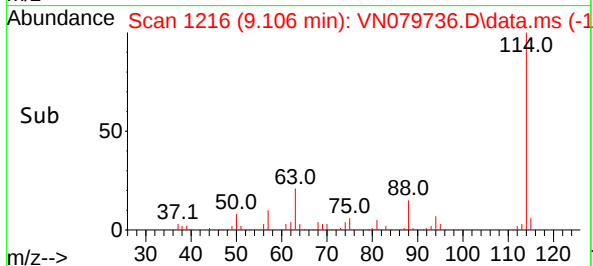
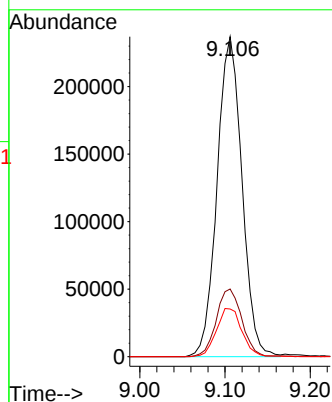
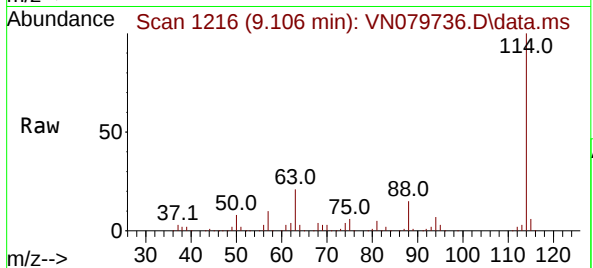
Tgt Ion:114 Resp: 480183

Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.175 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079736.D

Acq: 31 Oct 2023 11:13

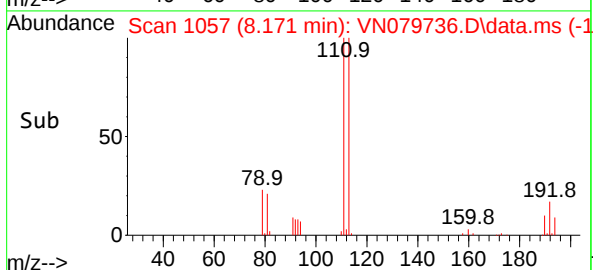
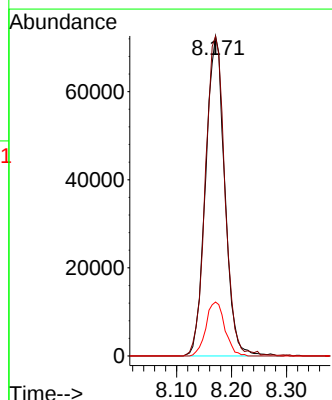
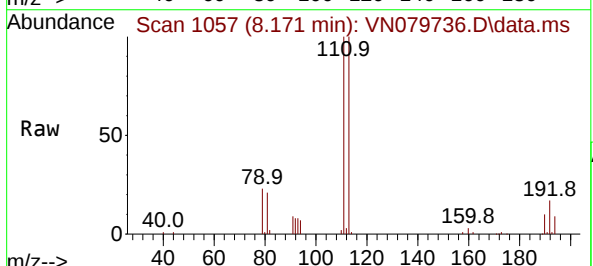
Tgt Ion:113 Resp: 175588

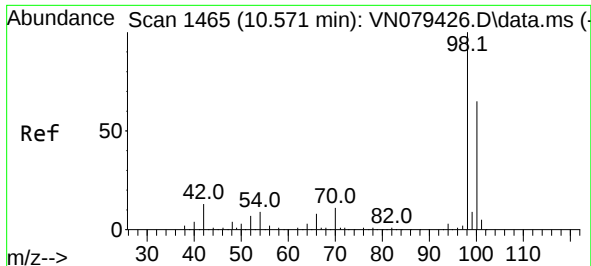
Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

192 16.6 12.7 19.1

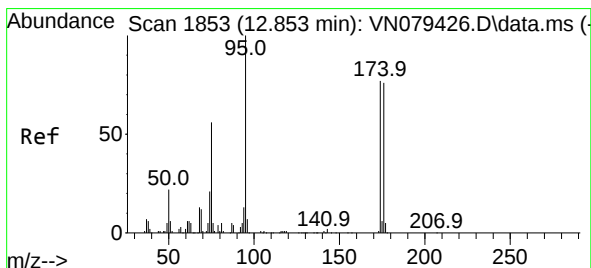
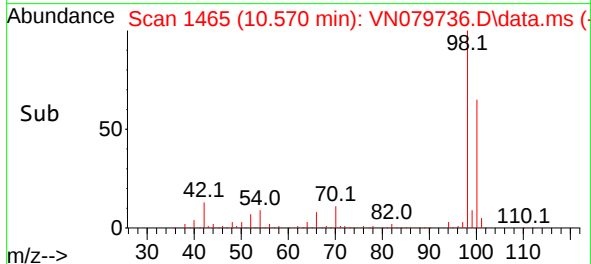
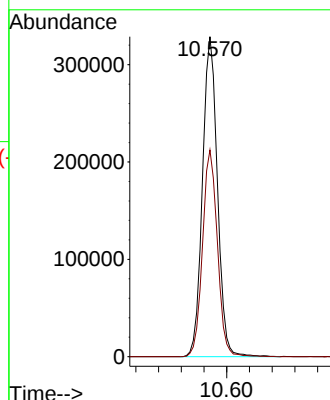
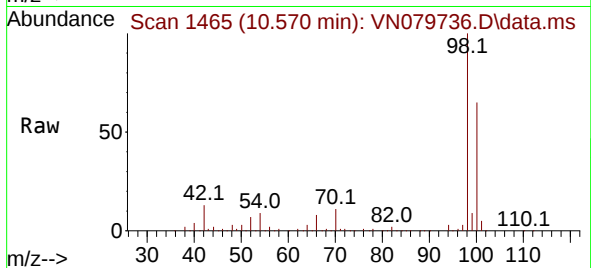




#50
Toluene-d8
Concen: 46.964 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079736.D
Acq: 31 Oct 2023 11:13

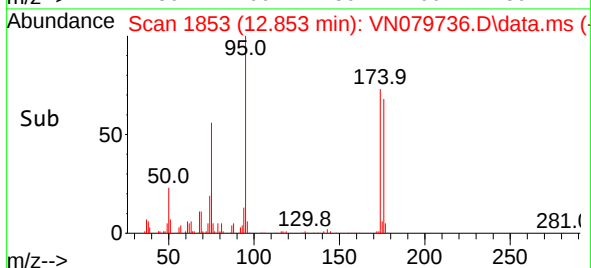
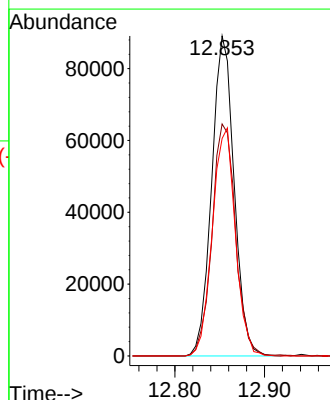
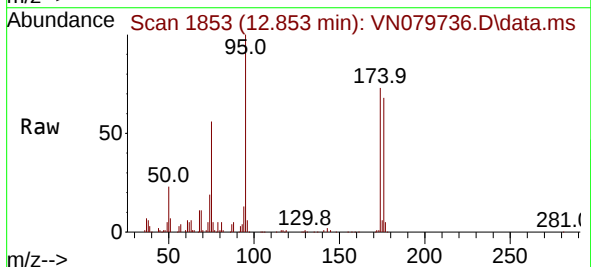
Instrument :
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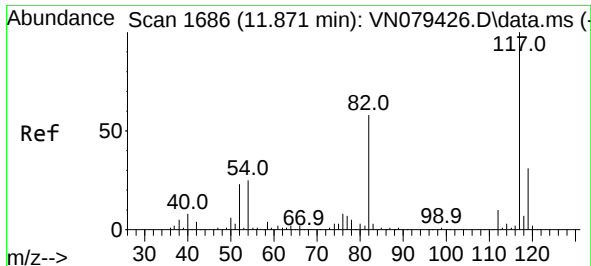
Tgt Ion: 98 Resp: 600715
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 38.327 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079736.D
Acq: 31 Oct 2023 11:13

Tgt Ion: 95 Resp: 154380
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 73.2 0.0 135.8

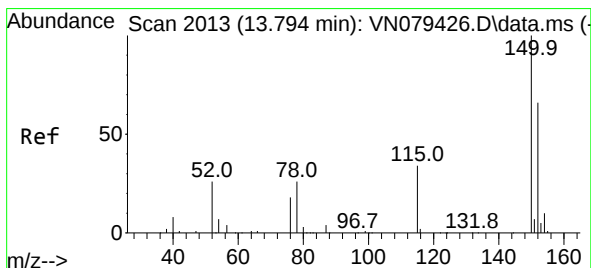
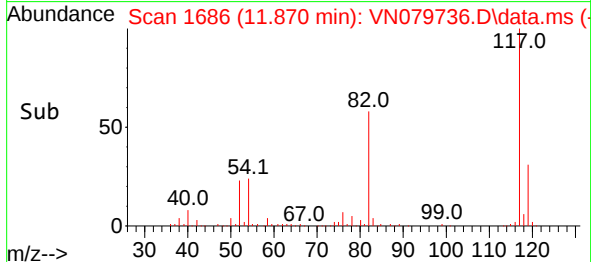
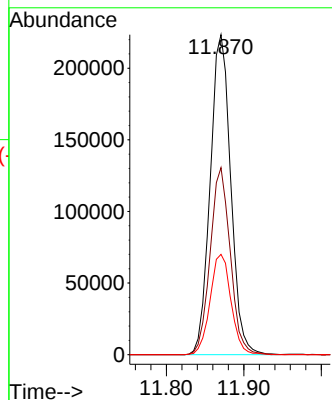
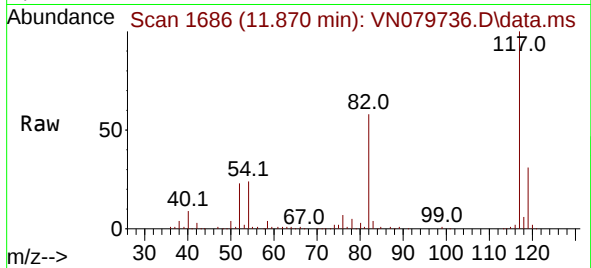




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN079736.D
Acq: 31 Oct 2023 11:13

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBL01

Tgt Ion:117 Resp: 411678
Ion Ratio Lower Upper
117 100
82 58.5 44.0 66.0
119 31.3 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: VN079736.D
Acq: 31 Oct 2023 11:13

Tgt Ion:152 Resp: 116058
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 156.4 0.0 355.8

