

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079528.D
 Acq On : 11 Oct 2023 19:36
 Operator : JC\MD
 Sample : 04833-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-100923

Quant Time: Oct 12 06:14:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	285764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	565561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	533091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	170941	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	232806	50.245	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.480%
35) Dibromofluoromethane	8.171	113	204361	50.282	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.560%
50) Toluene-d8	10.571	98	659452	44.843	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.680%
62) 4-Bromofluorobenzene	12.853	95	222450	47.135	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.260%

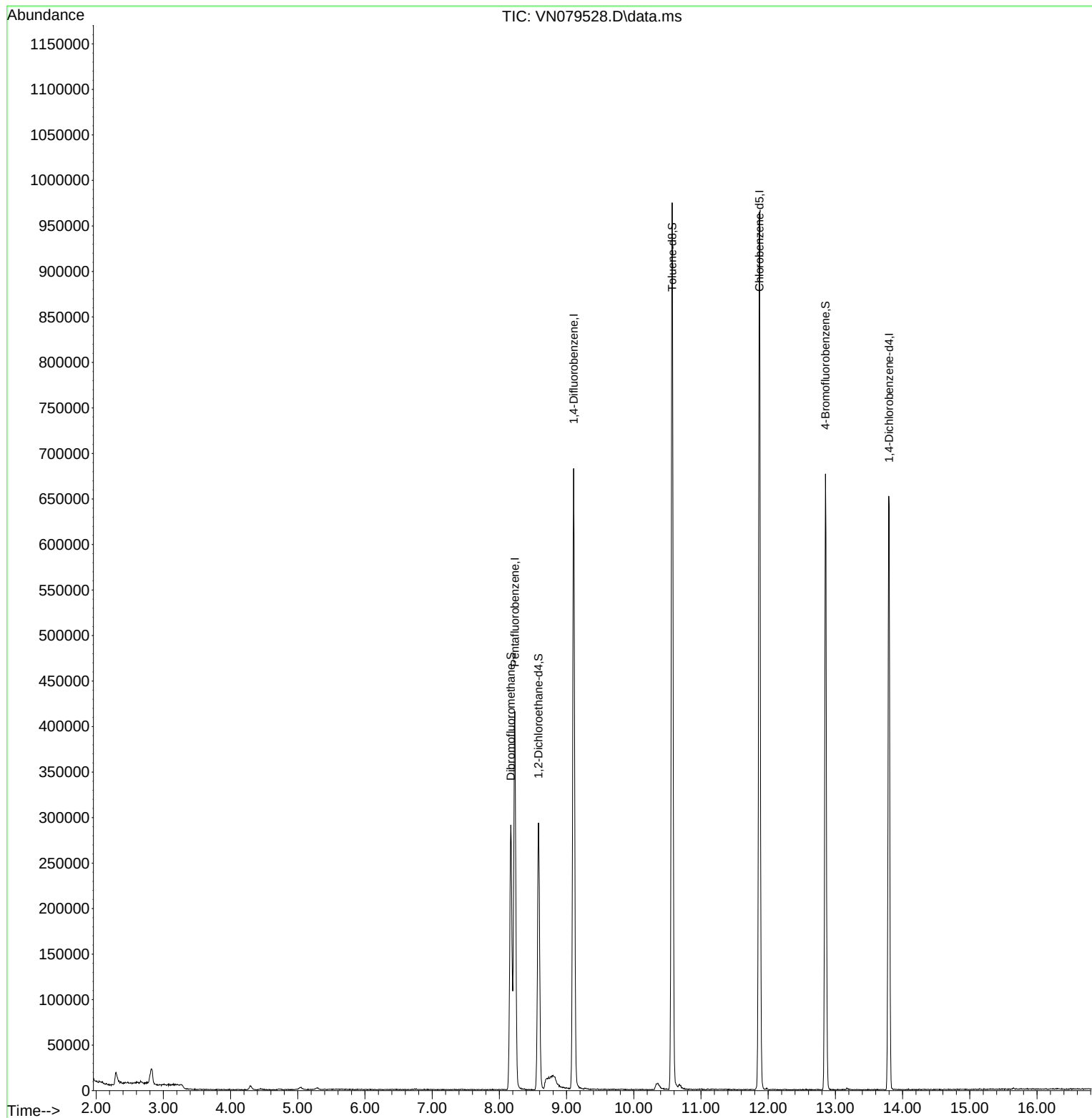
Target Compounds	Qvalue

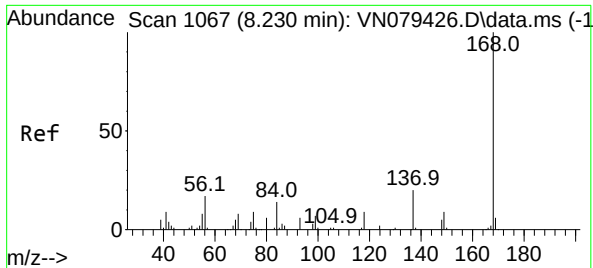
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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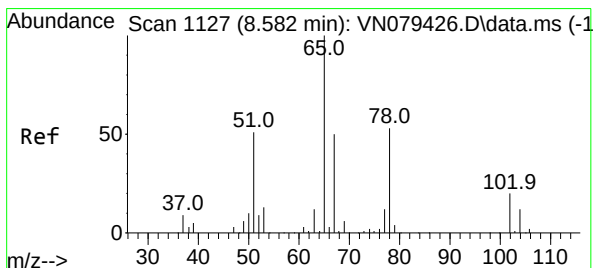
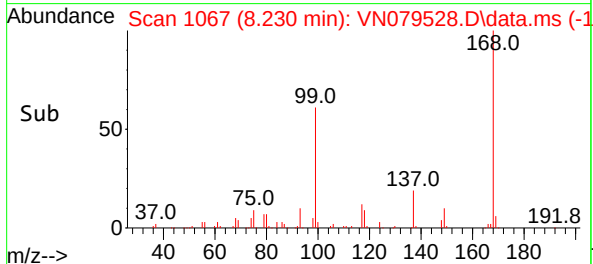
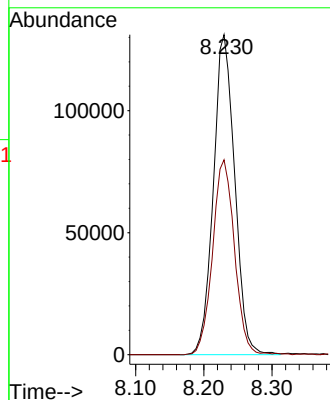
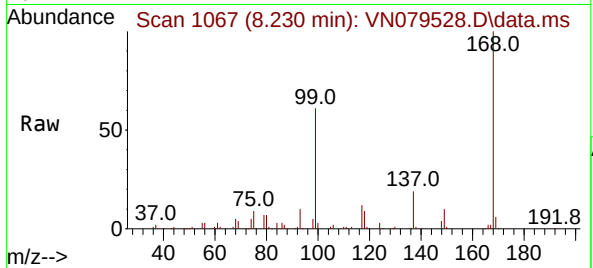




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079528.D
Acq: 11 Oct 2023 19:36

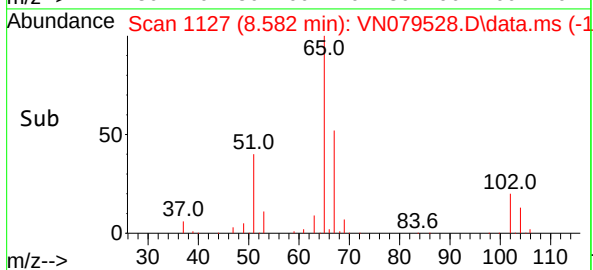
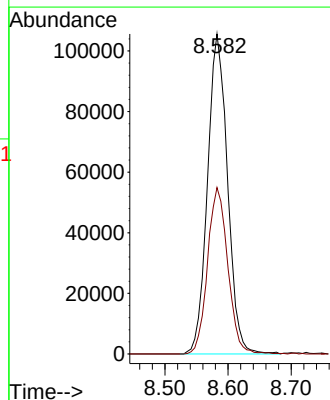
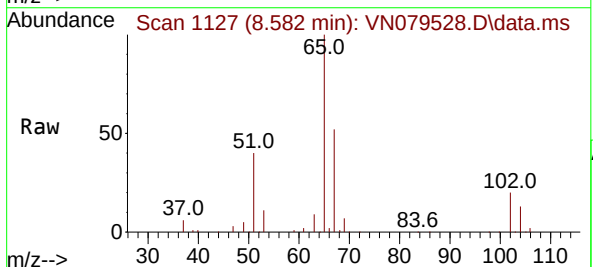
Instrument :
MSVOA_N
ClientSampleId :
TB-100923

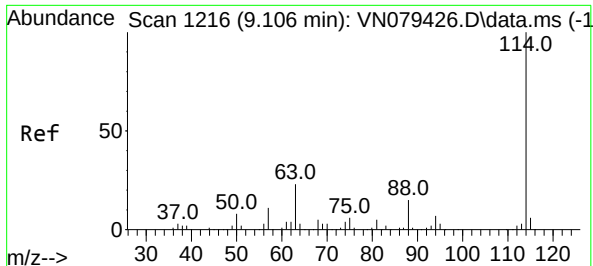
Tgt Ion:168 Resp: 285764
Ion Ratio Lower Upper
168 100
99 60.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.245 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079528.D
Acq: 11 Oct 2023 19:36

Tgt Ion: 65 Resp: 232806
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. 0.000 min

Lab File: VN079528.D

Acq: 11 Oct 2023 19:36

Instrument :

MSVOA_N

ClientSampleId :

TB-100923

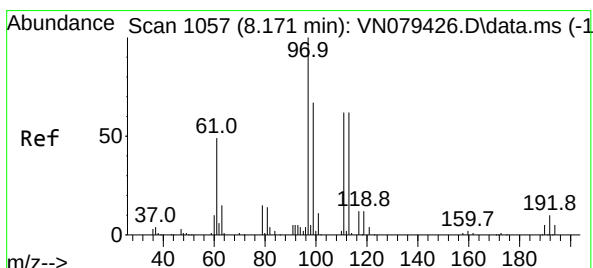
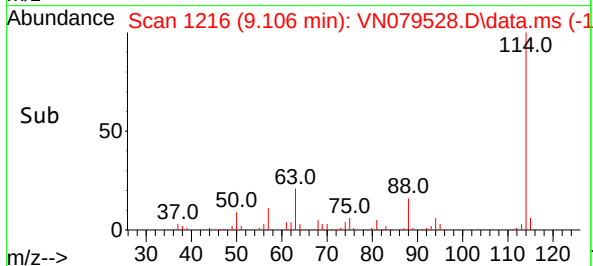
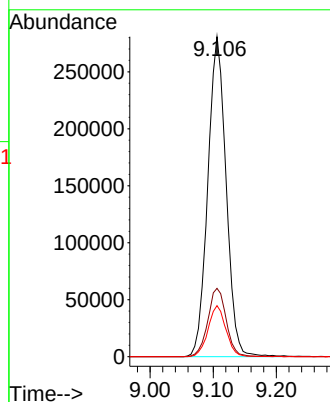
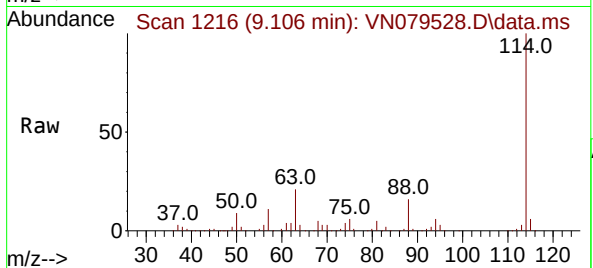
Tgt Ion:114 Resp: 565561

Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.282 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079528.D

Acq: 11 Oct 2023 19:36

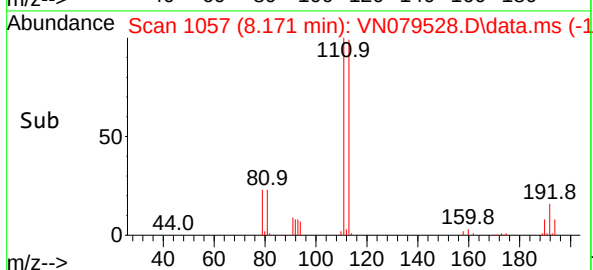
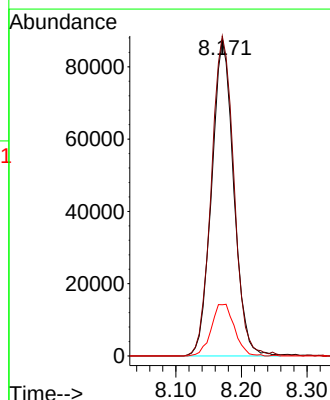
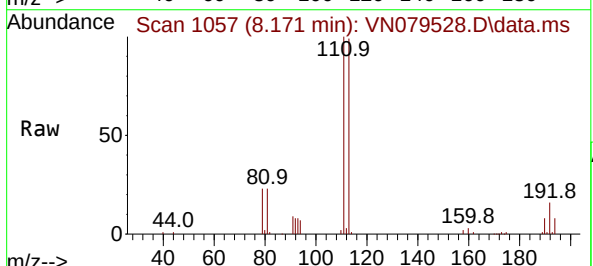
Tgt Ion:113 Resp: 204361

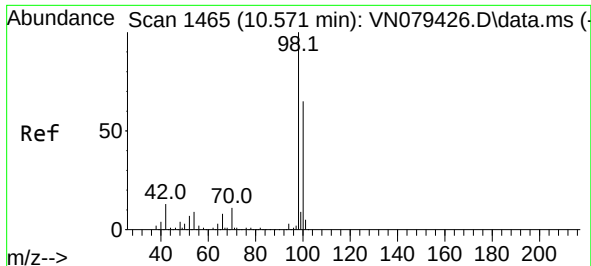
Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 17.2 12.7 19.1

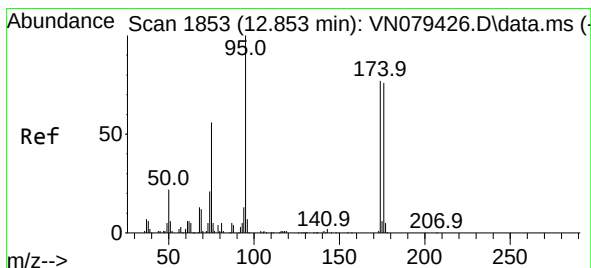
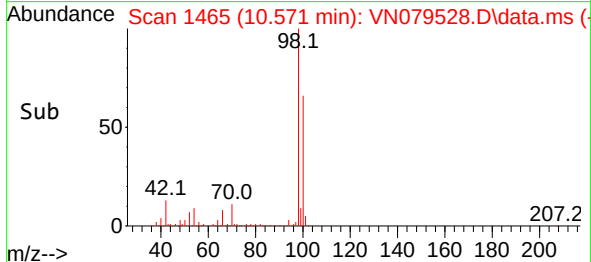
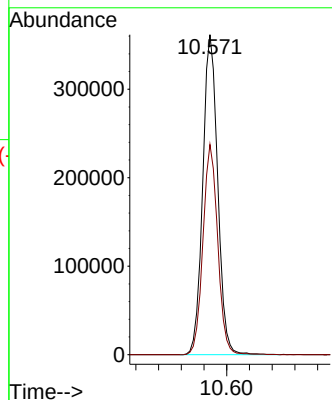
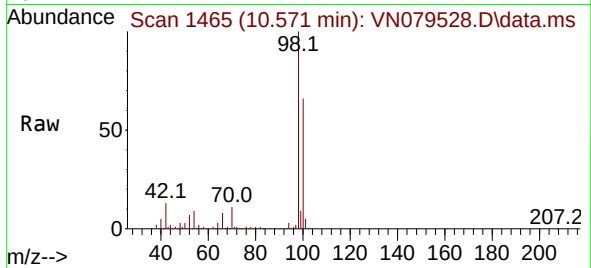




#50
Toluene-d8
Concen: 44.843 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079528.D
Acq: 11 Oct 2023 19:36

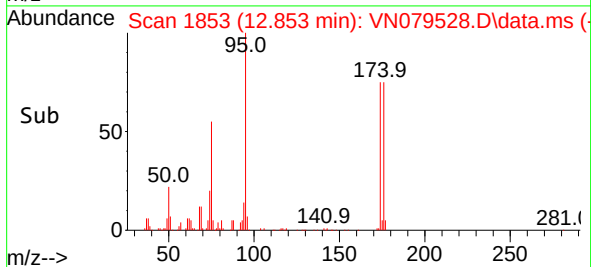
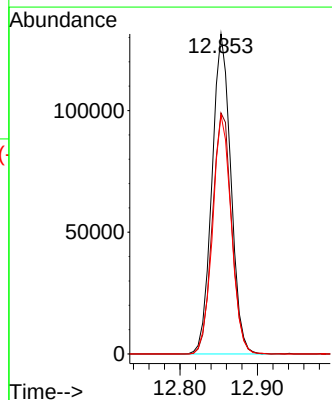
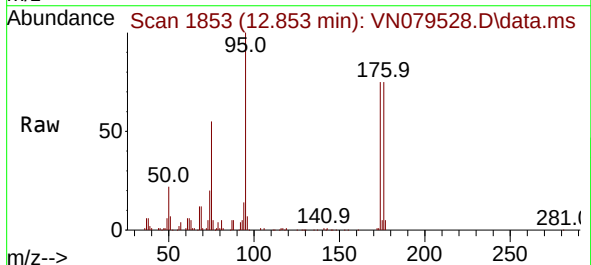
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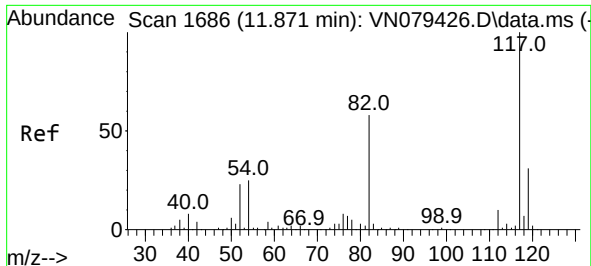
Tgt Ion: 98 Resp: 659452
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.135 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079528.D
Acq: 11 Oct 2023 19:36

Tgt Ion: 95 Resp: 222450
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 73.8 0.0 135.8

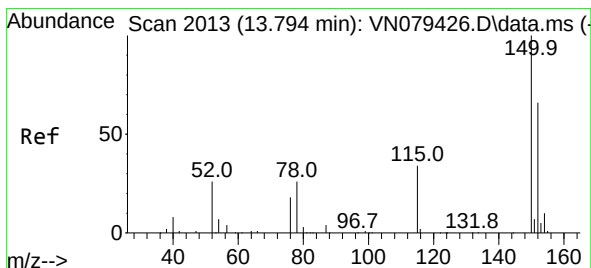
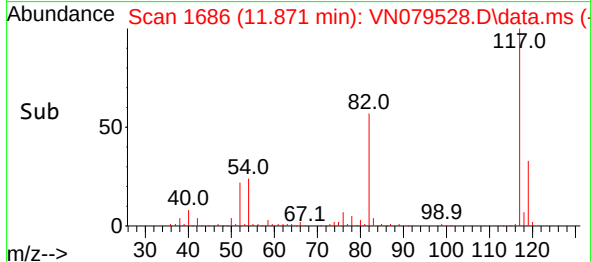
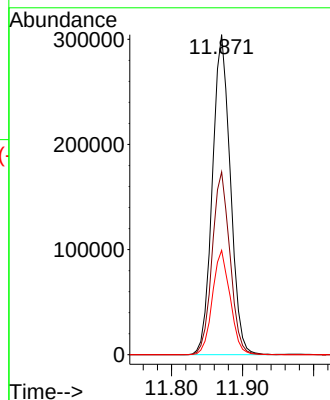
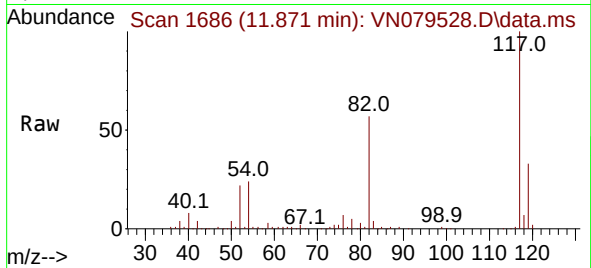




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079528.D
Acq: 11 Oct 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
TB-100923

Tgt Ion:117 Resp: 533091
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 32.6 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: VN079528.D
Acq: 11 Oct 2023 19:36

Tgt Ion:152 Resp: 170941
Ion Ratio Lower Upper
152 100
115 61.1 32.3 96.8
150 157.3 0.0 355.8

