

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091823\
 Data File : VN079291.D
 Acq On : 18 Sep 2023 17:37
 Operator : JC\MD
 Sample : 04414-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-091223RE

Quant Time: Sep 19 01:26:21 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	8.230	168	151877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	279992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	238251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	62059	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	110982	54.132	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.260%
35) Dibromofluoromethane	8.171	113	84000	45.102	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.200%
50) Toluene-d8	10.571	98	274509	40.141	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	80.280%#
62) 4-Bromofluorobenzene	12.853	95	77786	35.659	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	71.320%#

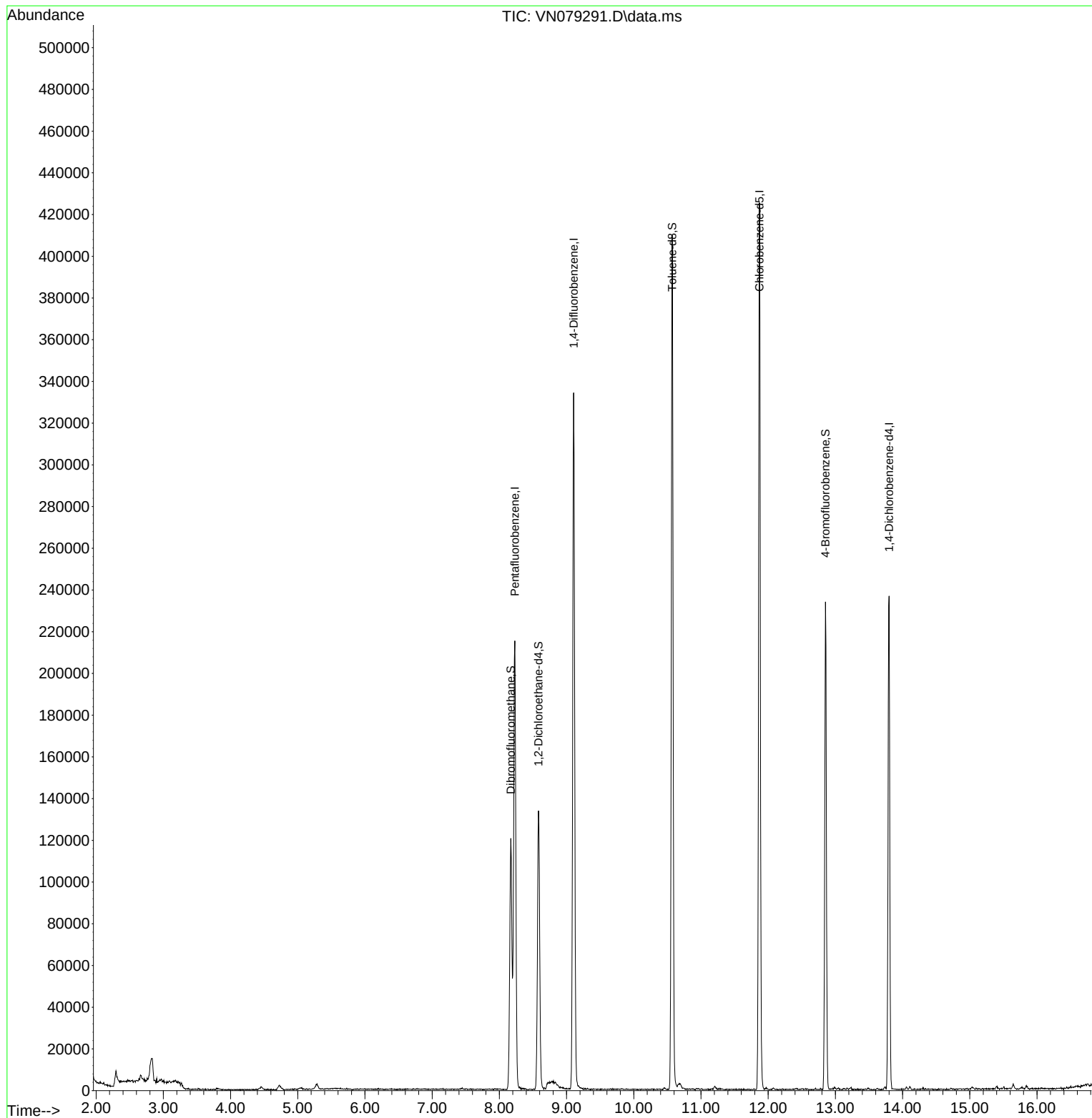
Target Compounds	Qvalue

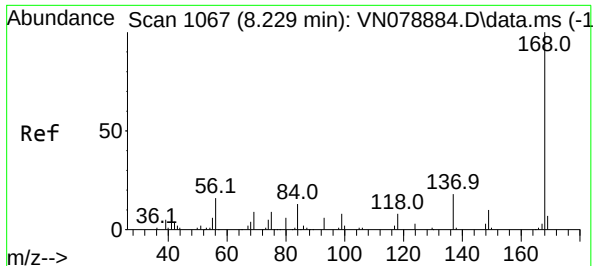
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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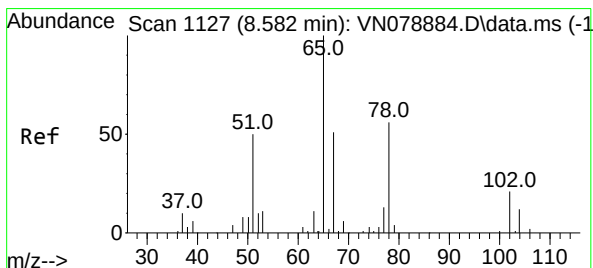
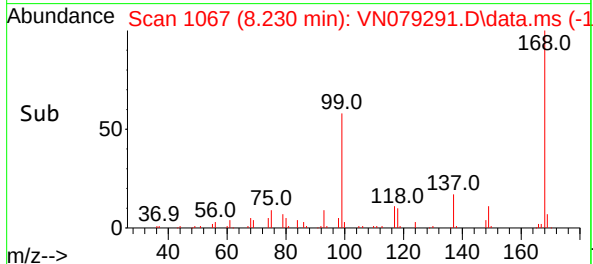
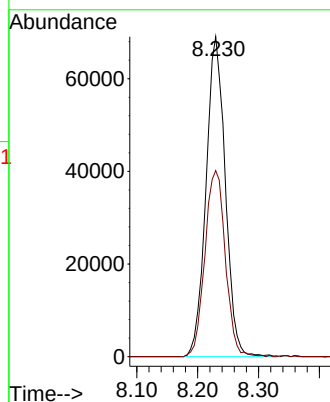
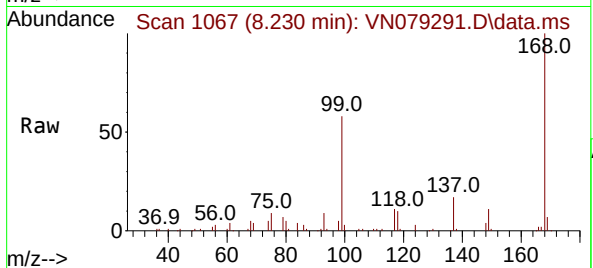




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

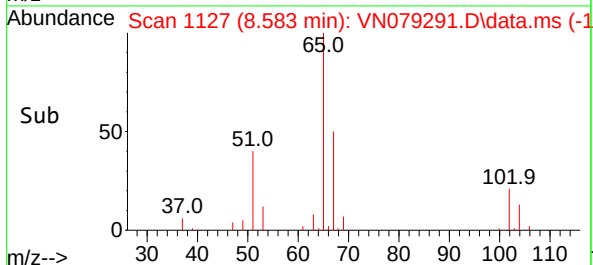
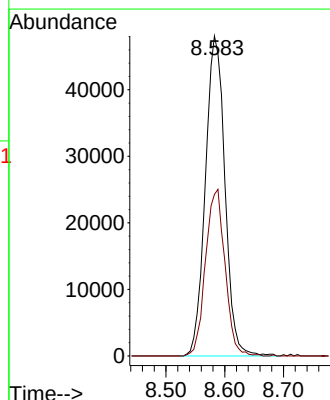
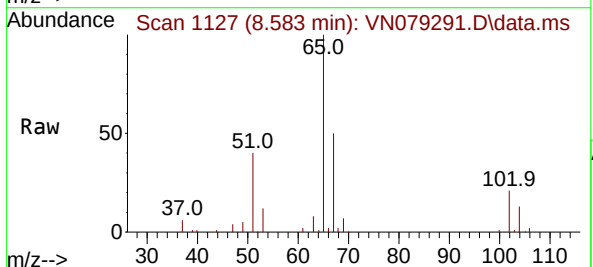
Instrument :
MSVOA_N
ClientSampleId :
TB-01-091223RE

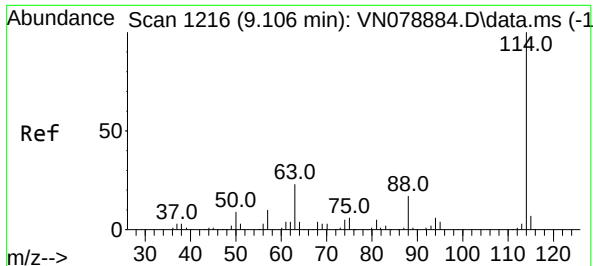
Tgt Ion:168 Resp: 151877
Ion Ratio Lower Upper
168 100
99 58.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.132 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Tgt Ion: 65 Resp: 110982
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. -0.006 min

Lab File: VN079291.D

Acq: 18 Sep 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

TB-01-091223RE

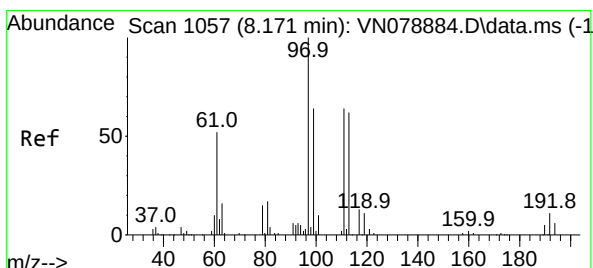
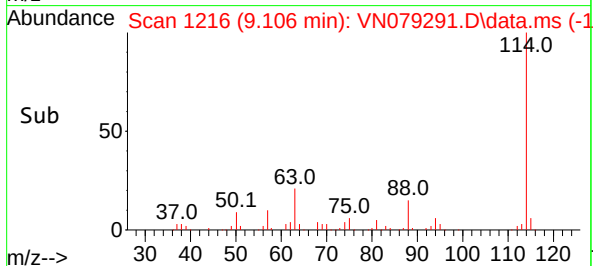
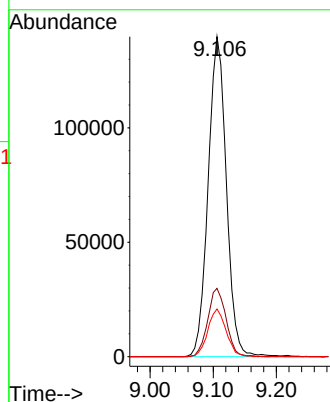
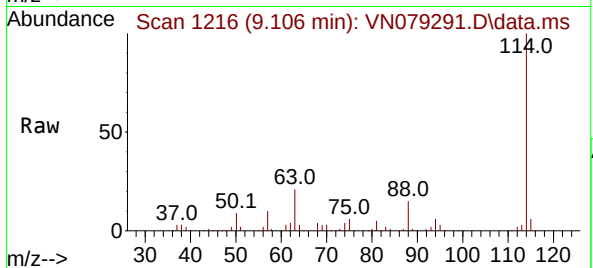
Tgt Ion:114 Resp: 279992

Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 45.102 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079291.D

Acq: 18 Sep 2023 17:37

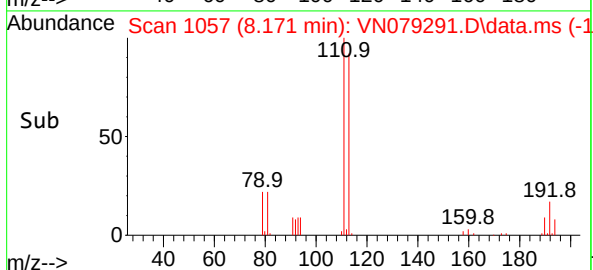
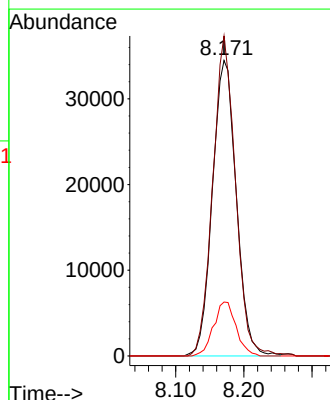
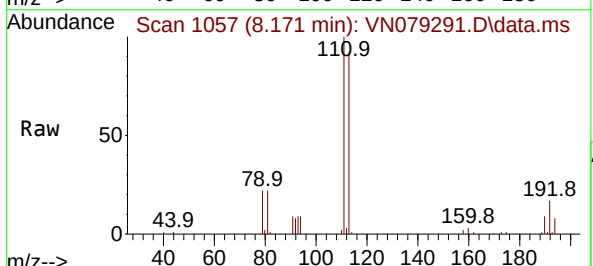
Tgt Ion:113 Resp: 84000

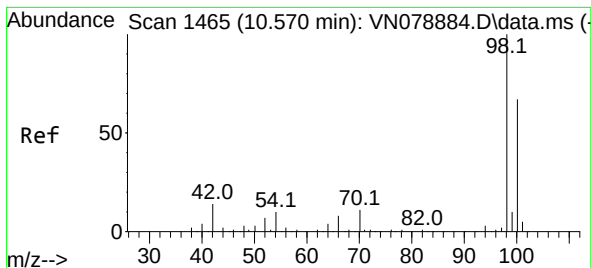
Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 17.3 12.7 19.1

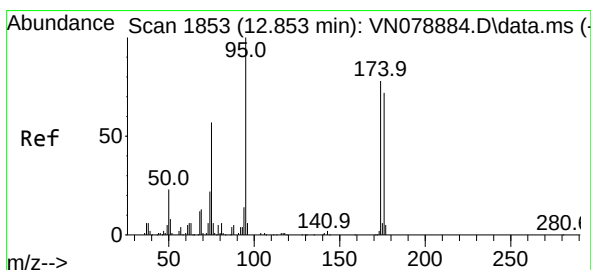
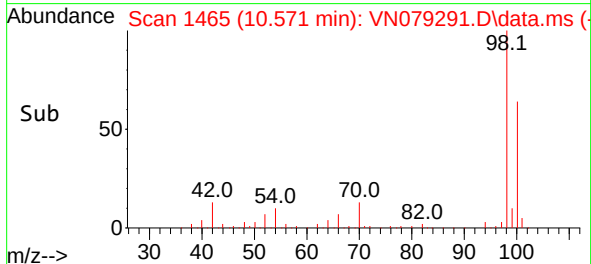
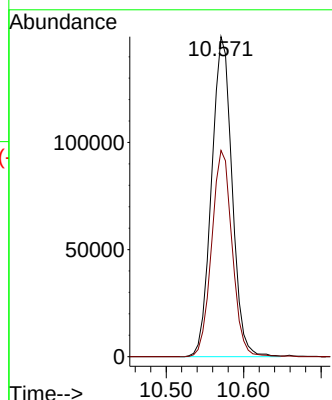
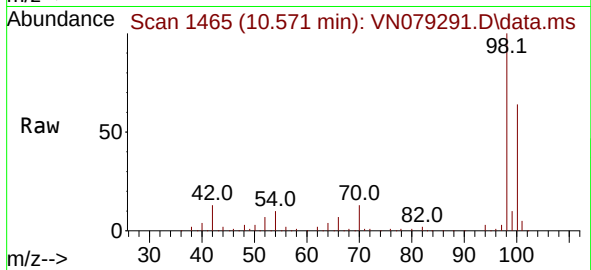




#50
Toluene-d8
Concen: 40.141 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

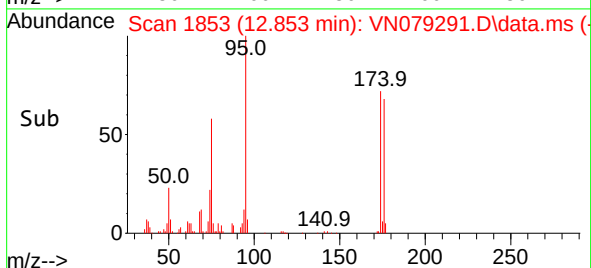
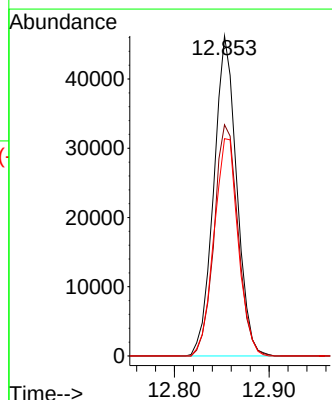
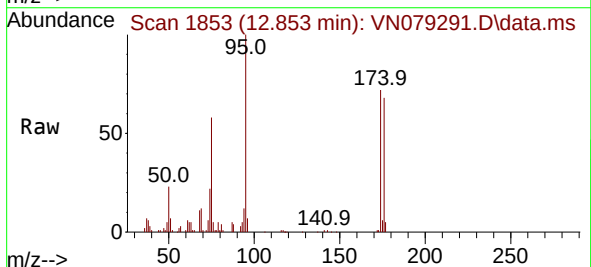
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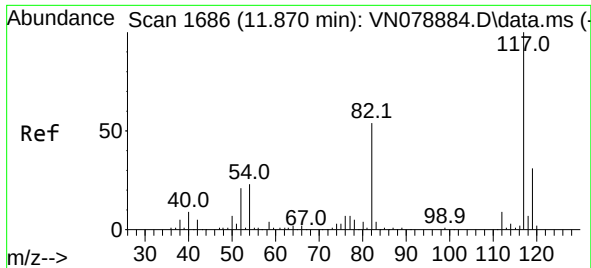
Tgt Ion: 98 Resp: 274509
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.659 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Tgt Ion: 95 Resp: 77786
Ion Ratio Lower Upper
95 100
174 75.0 0.0 143.8
176 71.7 0.0 135.8

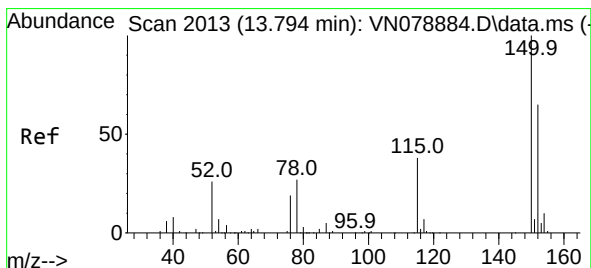
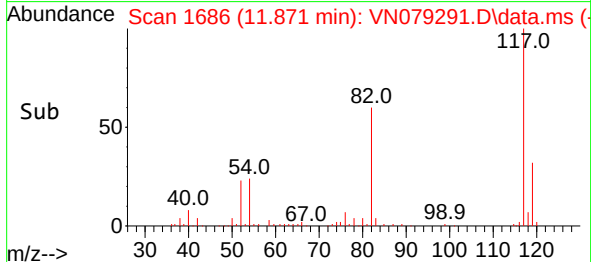
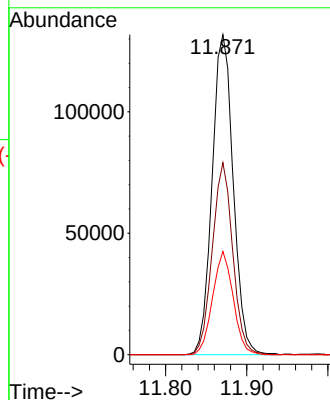
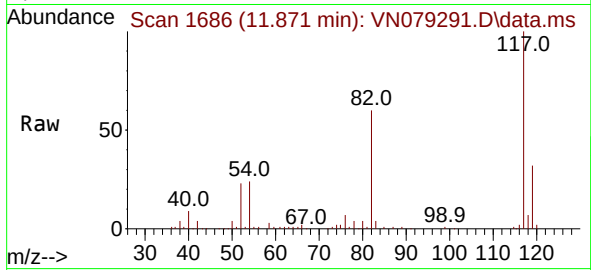




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079291.D
Acq: 18 Sep 2023 17:37

Instrument :
MSVOA_N
ClientSampleId :
TB-01-091223RE

Tgt Ion:117 Resp: 238251
Ion Ratio Lower Upper
117 100
82 60.0 44.0 66.0
119 32.2 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: VN079291.D
Acq: 18 Sep 2023 17:37

Tgt Ion:152 Resp: 62059
Ion Ratio Lower Upper
152 100
115 60.4 32.3 96.8
150 158.5 0.0 355.8

