

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011223\
 Data File : VN076223.D
 Acq On : 12 Jan 2023 12:15
 Operator : JC\MD
 Sample : 01126-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-011023

Quant Time: Jan 13 01:56:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

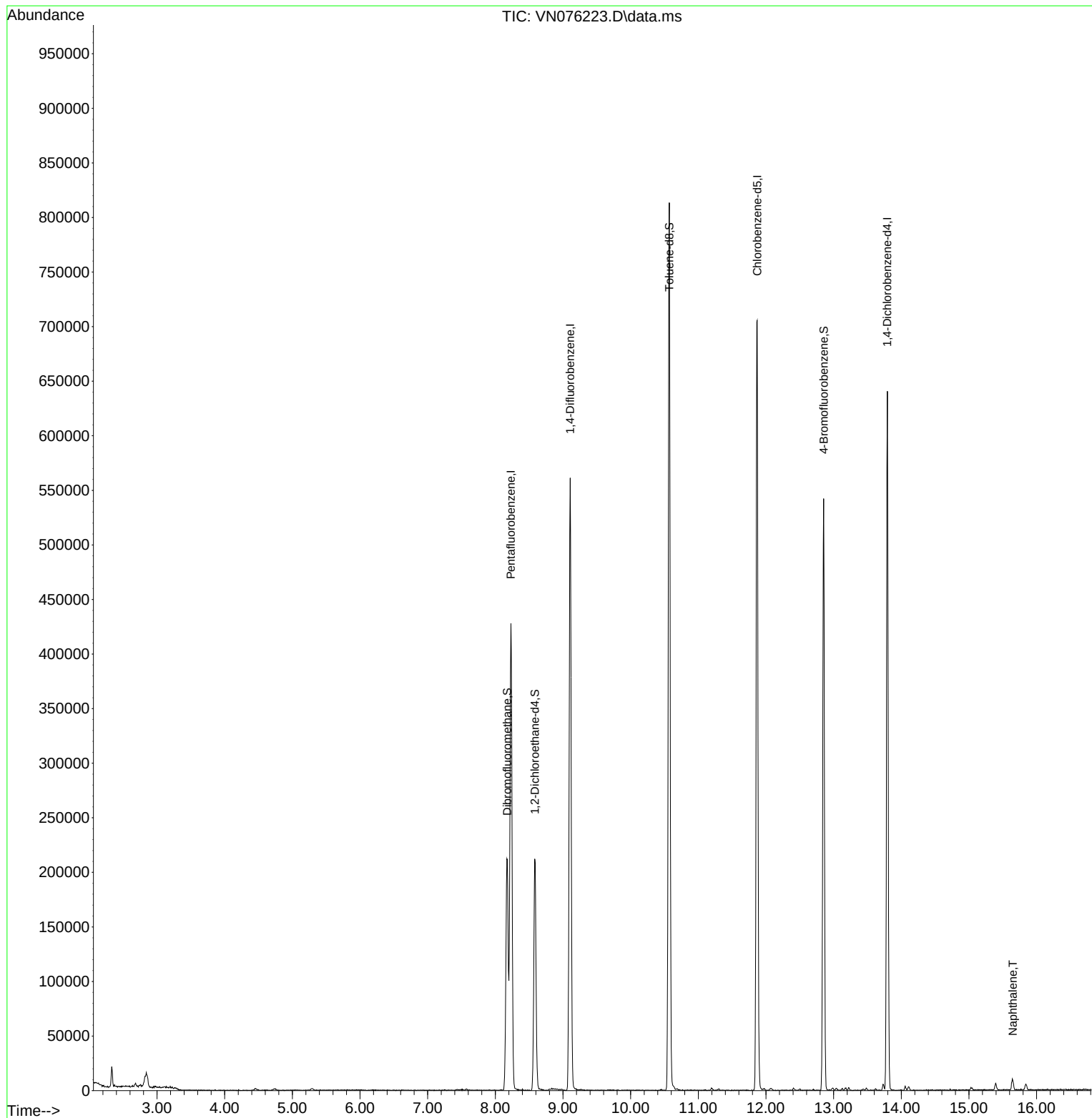
Internal Standards						
1) Pentafluorobenzene	8.230	168	331957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	517572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	441937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	179858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	173243	47.971	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.940%
35) Dibromofluoromethane	8.177	113	157579	49.163	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.320%
50) Toluene-d8	10.571	98	591323	49.342	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.680%
62) 4-Bromofluorobenzene	12.853	95	179913	45.327	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.660%
Target Compounds						
95) Naphthalene	15.647	128	10379	3.192	ug/l	Qvalue 99

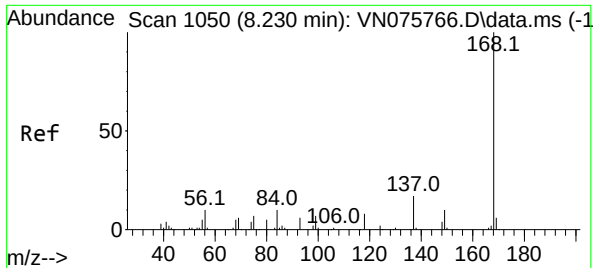
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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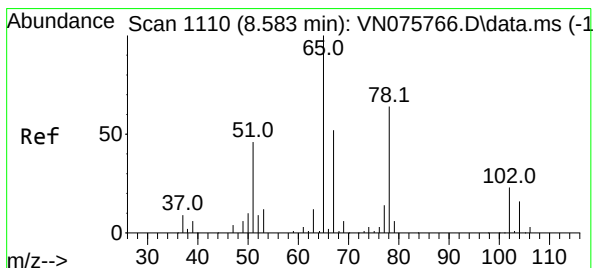
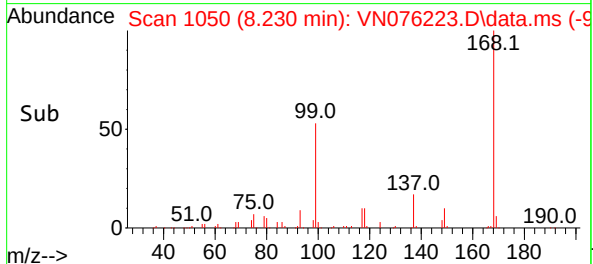
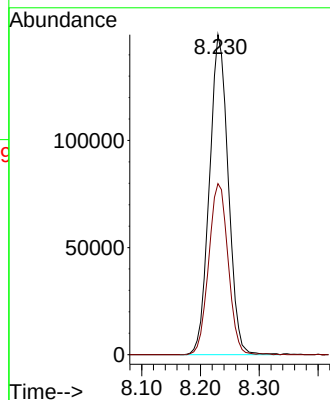
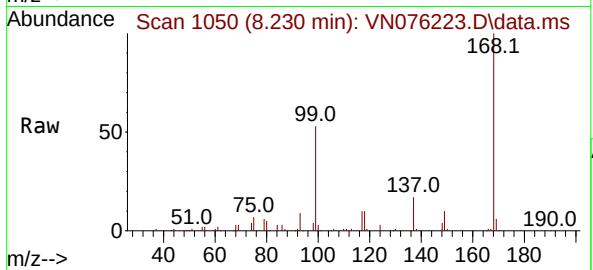




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN076223.D
Acq: 12 Jan 2023 12:15

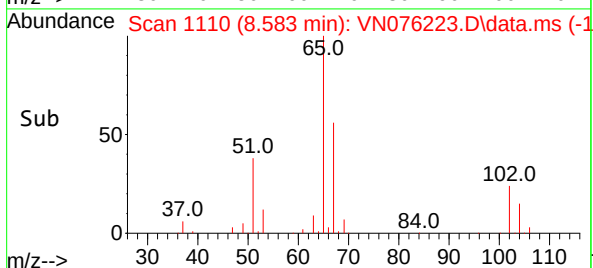
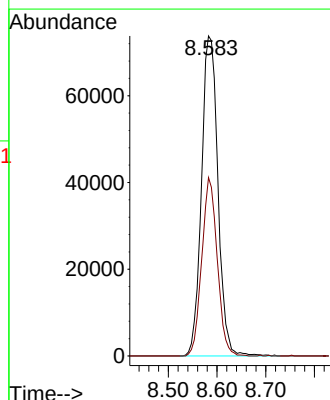
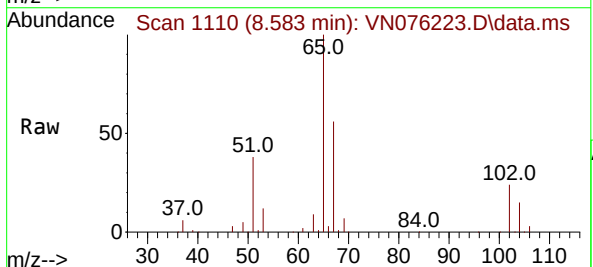
Instrument :
MSVOA_N
ClientSampleId :
TB-01-011023

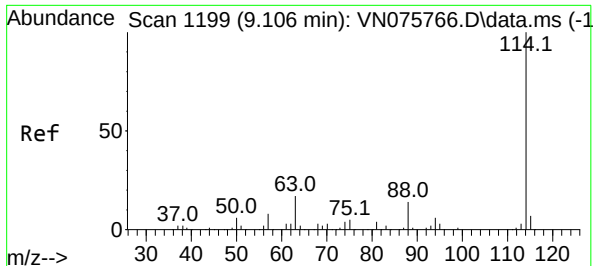
Tgt Ion:168 Resp: 331957
Ion Ratio Lower Upper
168 100
99 53.4 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.971 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076223.D
Acq: 12 Jan 2023 12:15

Tgt Ion: 65 Resp: 173243
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.4

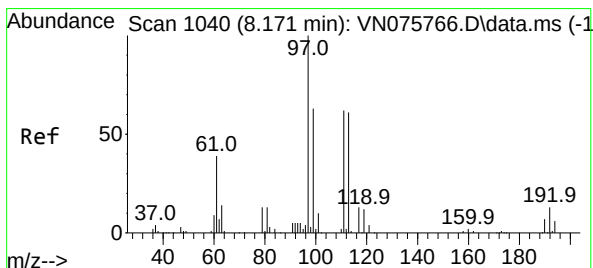
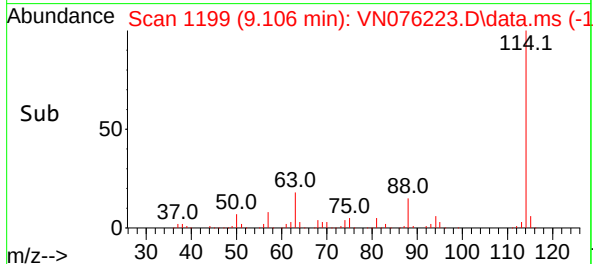
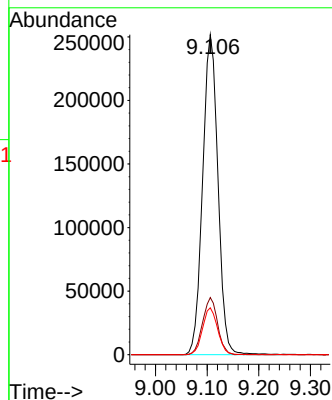
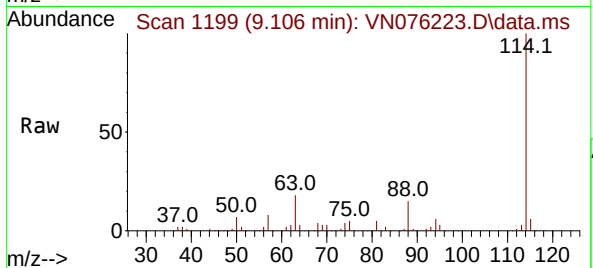




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076223.D
Acq: 12 Jan 2023 12:15

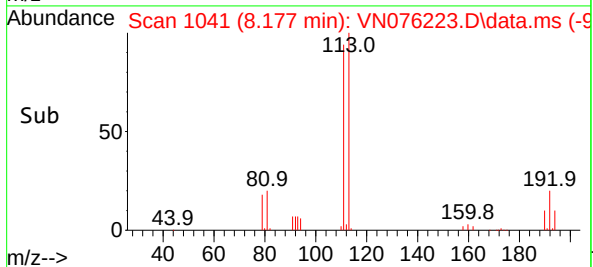
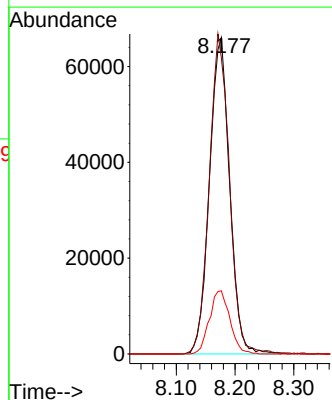
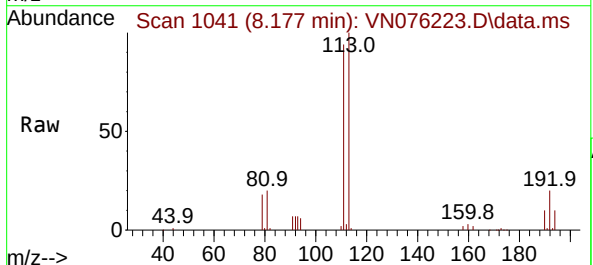
Instrument :
MSVOA_N
ClientSampleId :
TB-01-011023

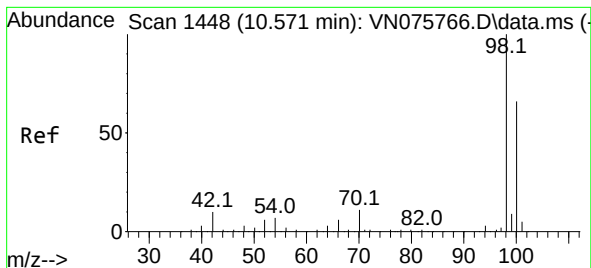
Tgt Ion:114 Resp: 517572
Ion Ratio Lower Upper
114 100
63 17.8 0.0 34.4
88 14.7 0.0 28.8



#35
Dibromofluoromethane
Concen: 49.163 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076223.D
Acq: 12 Jan 2023 12:15

Tgt Ion:113 Resp: 157579
Ion Ratio Lower Upper
113 100
111 100.9 83.4 125.2
192 20.3 16.1 24.1





#50

Toluene-d8

Concen: 49.342 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076223.D

Acq: 12 Jan 2023 12:15

Instrument :

MSVOA_N

ClientSampleId :

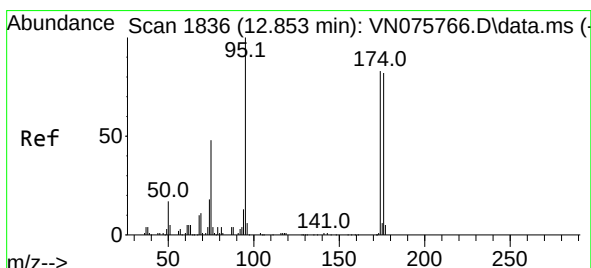
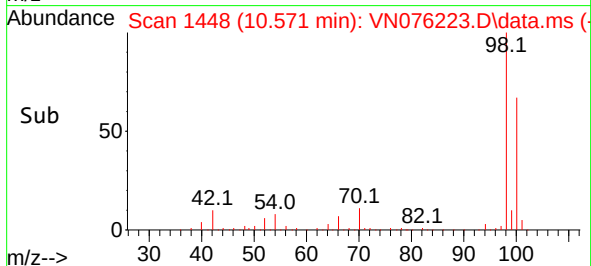
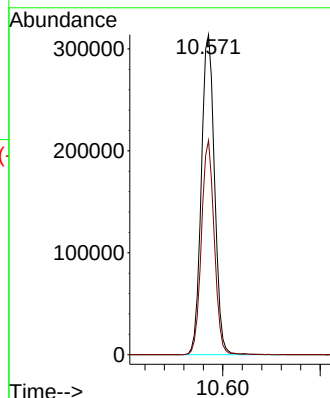
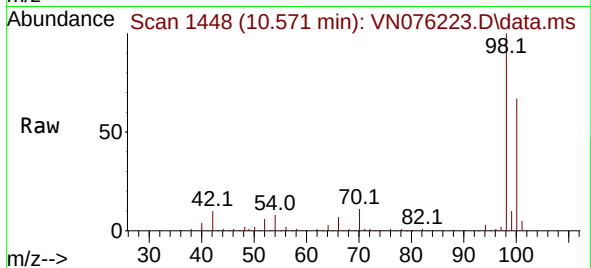
TB-01-011023

Tgt Ion: 98 Resp: 591323

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 45.327 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VN076223.D

Acq: 12 Jan 2023 12:15

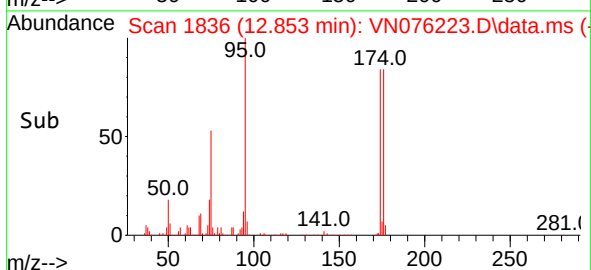
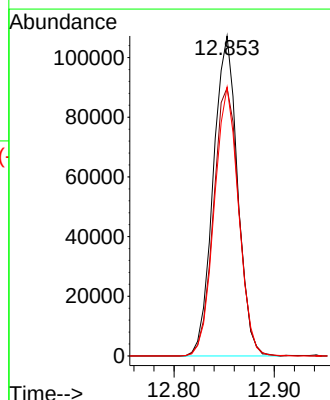
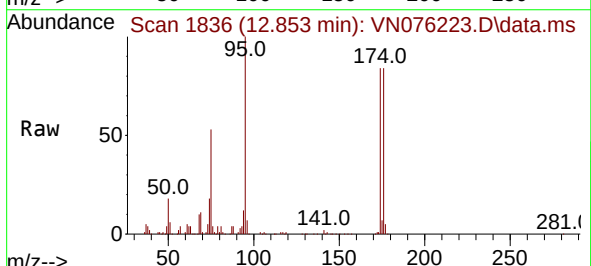
Tgt Ion: 95 Resp: 179913

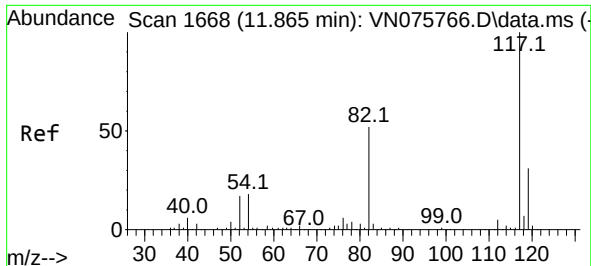
Ion Ratio Lower Upper

95 100

174 87.5 0.0 171.6

176 84.0 0.0 169.2

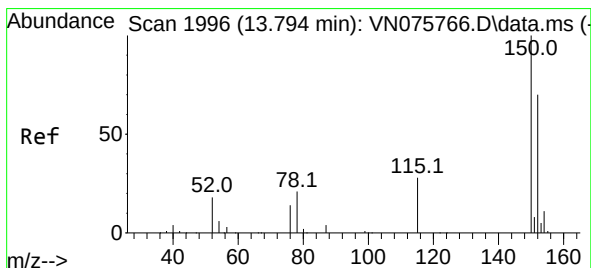
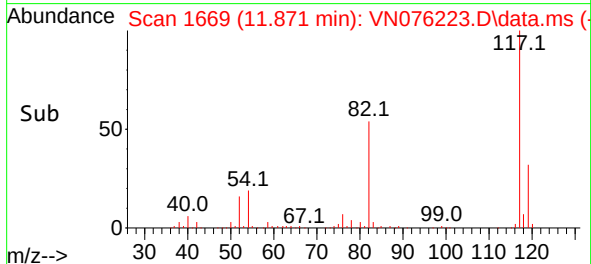
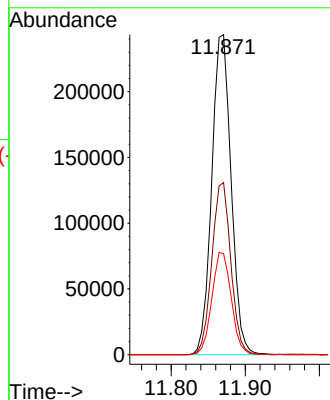
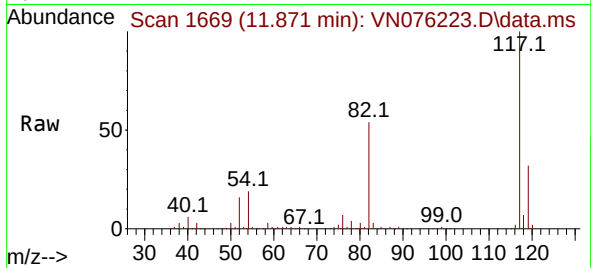




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076223.D
Acq: 12 Jan 2023 12:15

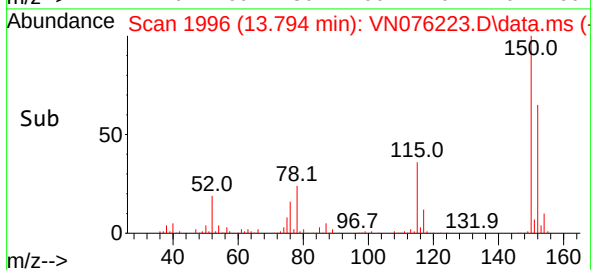
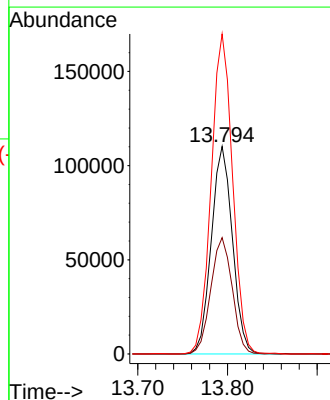
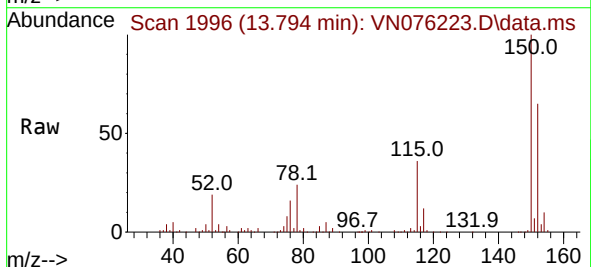
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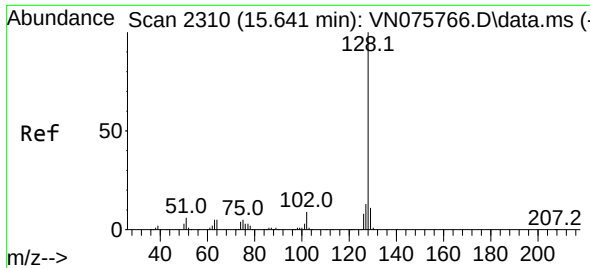
Tgt Ion:117 Resp: 441937
Ion Ratio Lower Upper
117 100
82 53.8 41.3 61.9
119 31.6 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076223.D
Acq: 12 Jan 2023 12:15

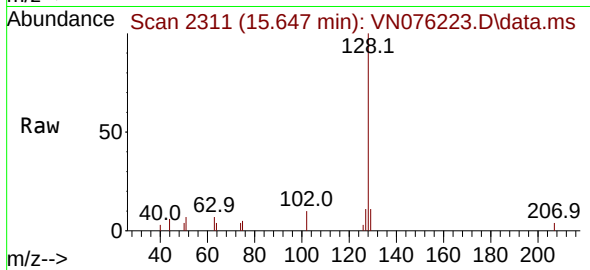
Tgt Ion:152 Resp: 179858
Ion Ratio Lower Upper
152 100
115 56.8 29.1 87.4
150 156.0 0.0 347.0





#95
Naphthalene
Concen: 3.192 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076223.D
Acq: 12 Jan 2023 12:15

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:128 Resp: 10379
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.9 8.7 13.1

