

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011323\
 Data File : VN076255.D
 Acq On : 13 Jan 2023 17:51
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 16 01:14:09 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)

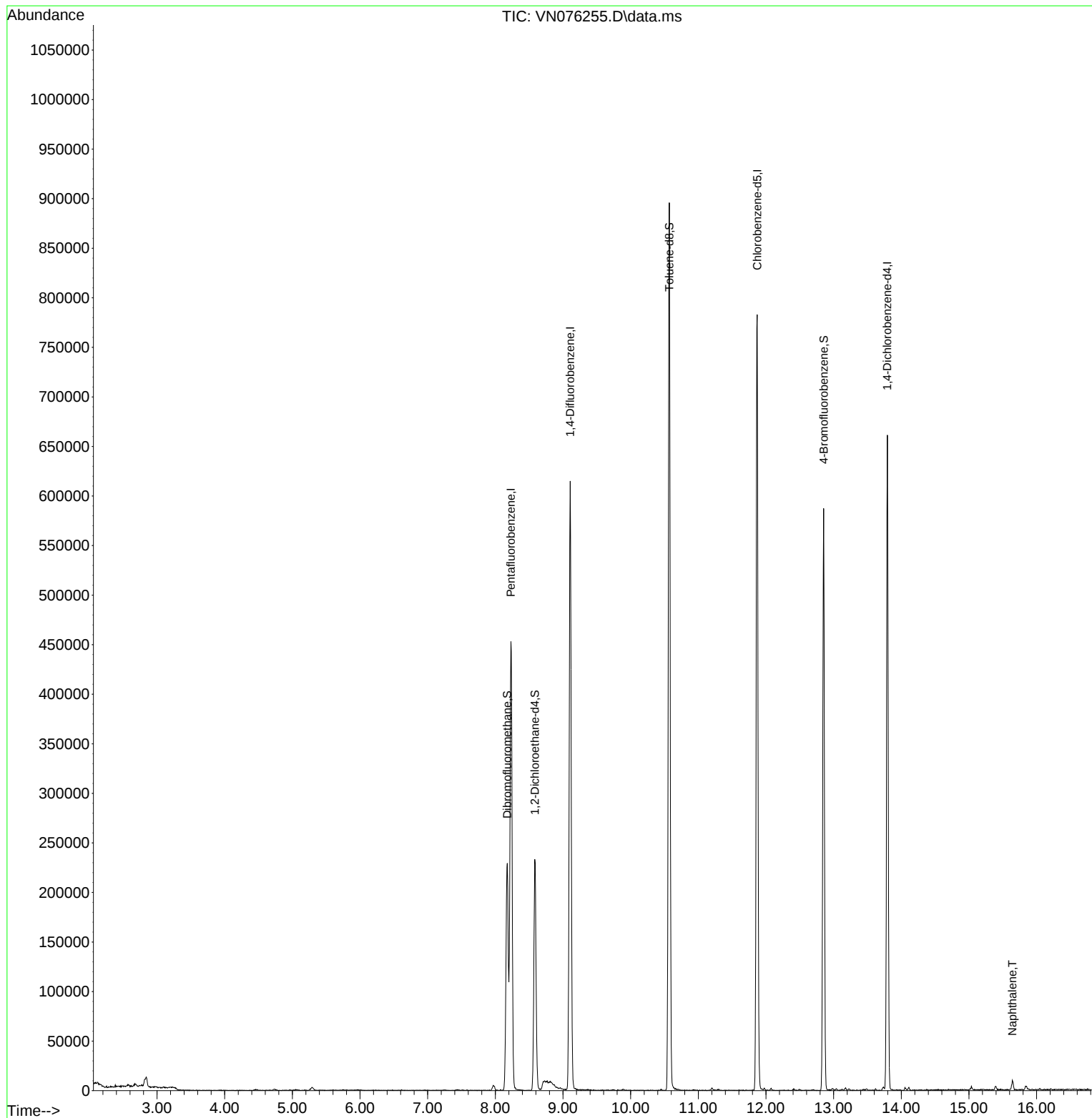
Internal Standards						
1) Pentafluorobenzene	8.230	168	353221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	560674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	480720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	186587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	190513	49.578	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.160%		
35) Dibromofluoromethane	8.177	113	167230	48.163	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.320%		
50) Toluene-d8	10.571	98	641394	49.406	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.820%		
62) 4-Bromofluorobenzene	12.853	95	191696	44.583	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.160%		
Target Compounds					Qvalue	
95) Naphthalene	15.641	128	9085	3.033	ug/l	99

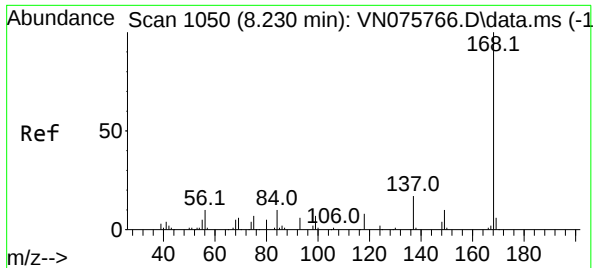
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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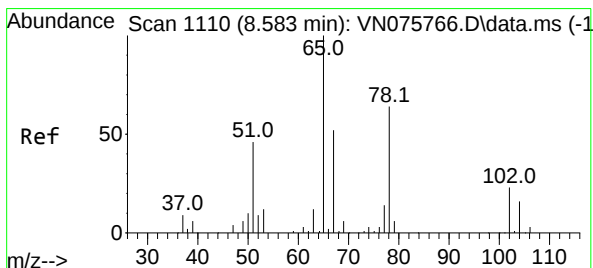
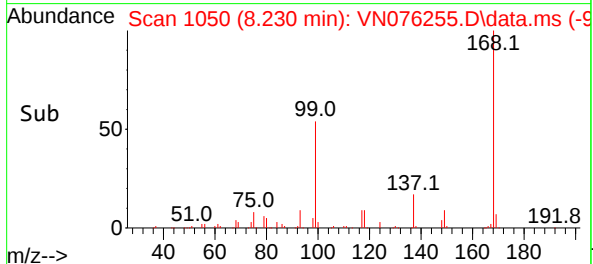
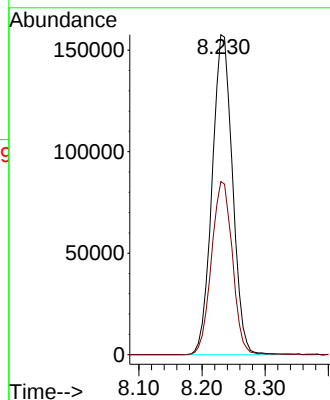
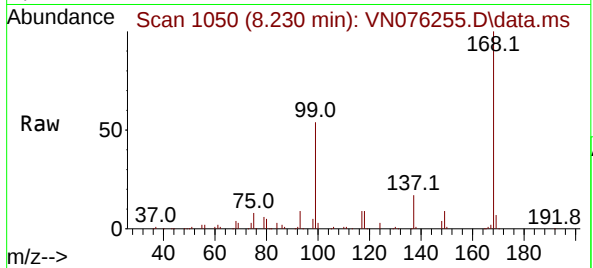




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076255.D
Acq: 13 Jan 2023 17:51

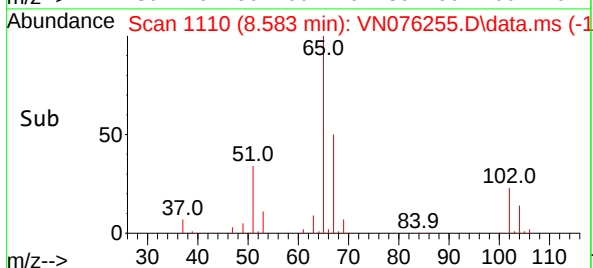
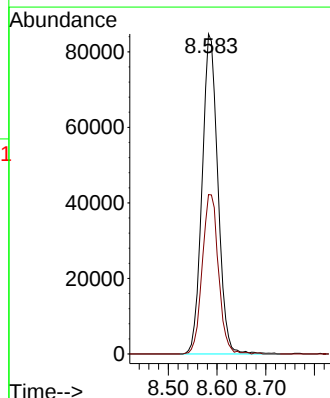
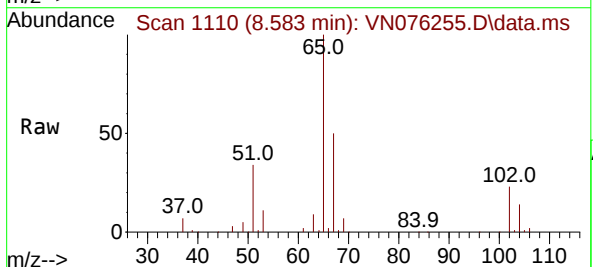
Instrument :
MSVOA_N
ClientSampleId :
IBLK

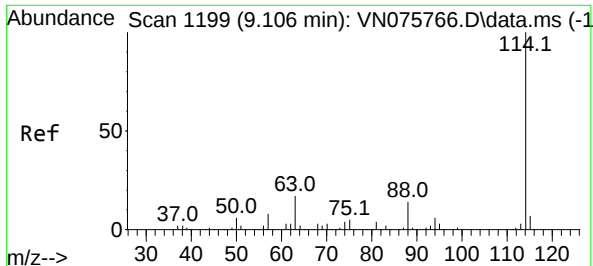
Tgt Ion:168 Resp: 353221
Ion Ratio Lower Upper
168 100
99 54.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.578 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076255.D
Acq: 13 Jan 2023 17:51

Tgt Ion: 65 Resp: 190513
Ion Ratio Lower Upper
65 100
67 51.2 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: VN076255.D

Acq: 13 Jan 2023 17:51

Instrument :

MSVOA_N

ClientSampleId :

IBLK

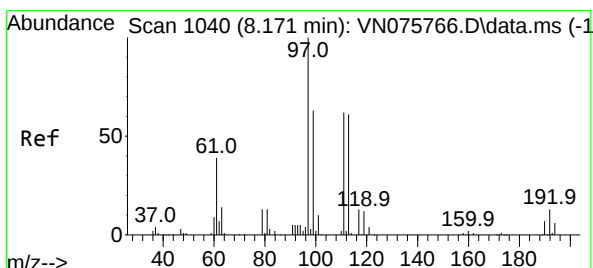
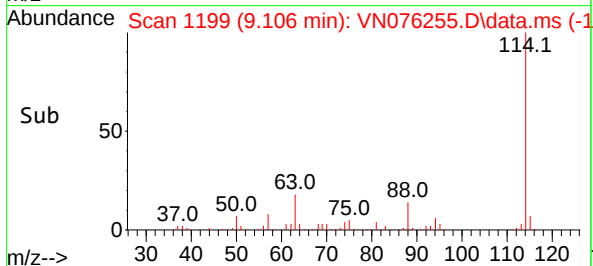
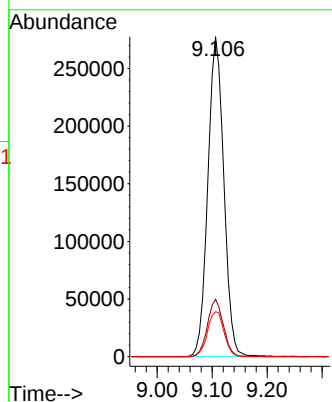
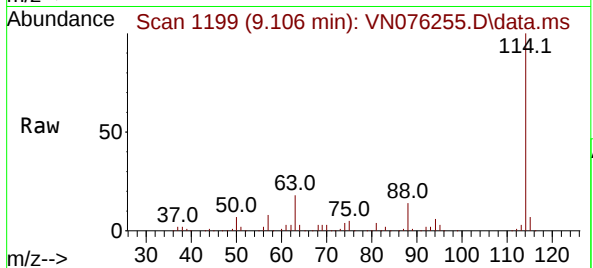
Tgt Ion:114 Resp: 560674

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 14.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.163 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076255.D

Acq: 13 Jan 2023 17:51

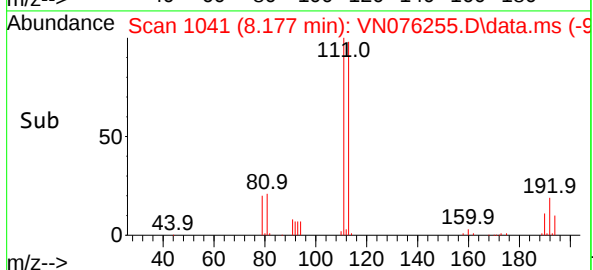
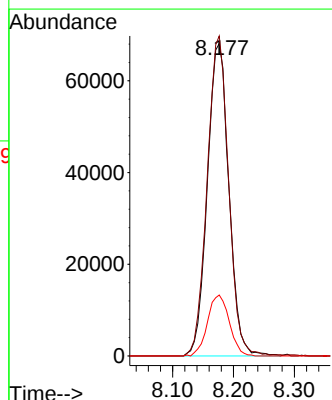
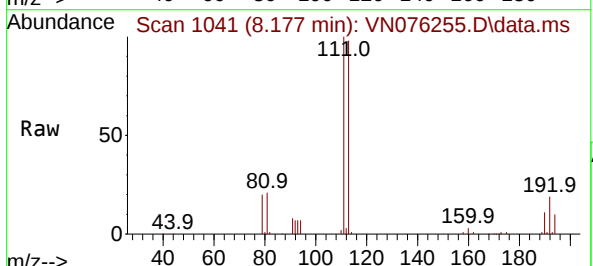
Tgt Ion:113 Resp: 167230

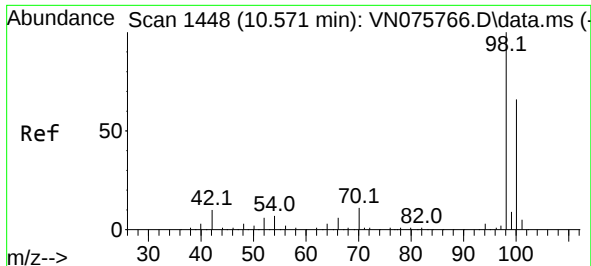
Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.2

192 19.7 16.1 24.1

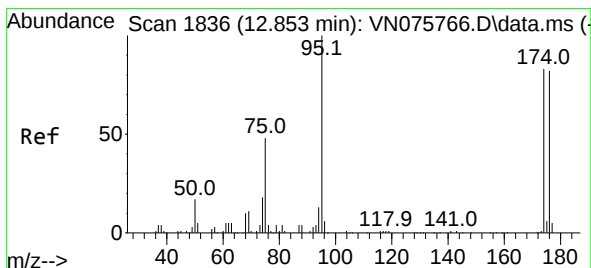
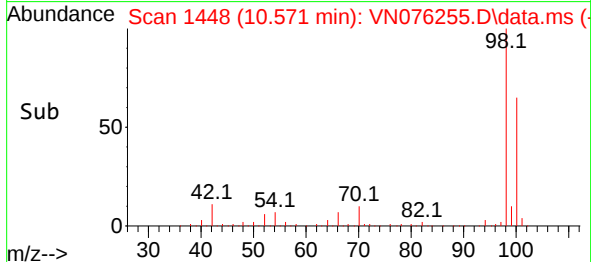
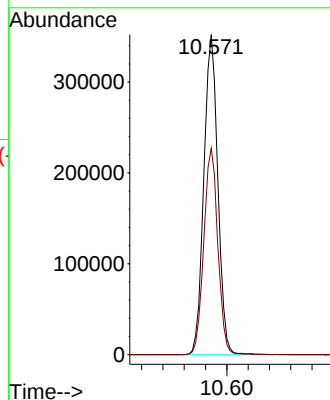
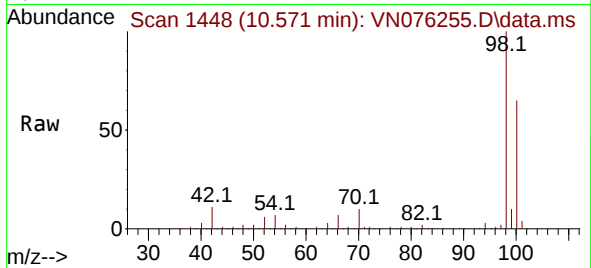




#50
Toluene-d8
Concen: 49.406 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076255.D
Acq: 13 Jan 2023 17:51

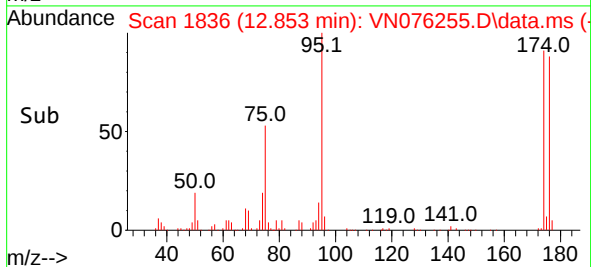
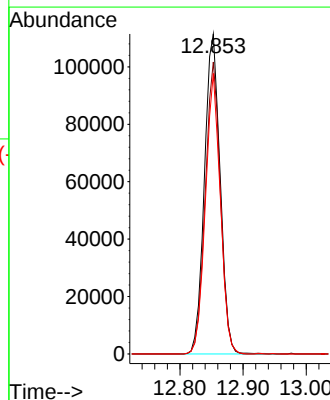
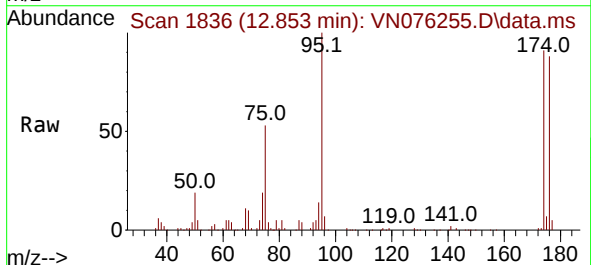
Instrument :
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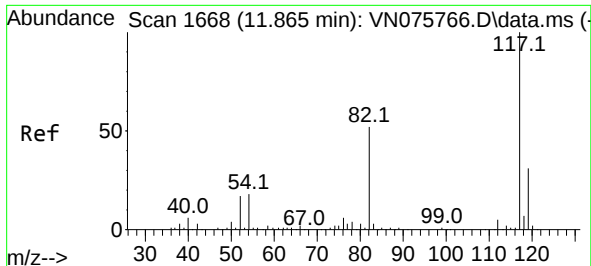
Tgt Ion: 98 Resp: 641394
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.583 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076255.D
Acq: 13 Jan 2023 17:51

Tgt Ion: 95 Resp: 191696
Ion Ratio Lower Upper
95 100
174 88.3 0.0 171.6
176 83.2 0.0 169.2

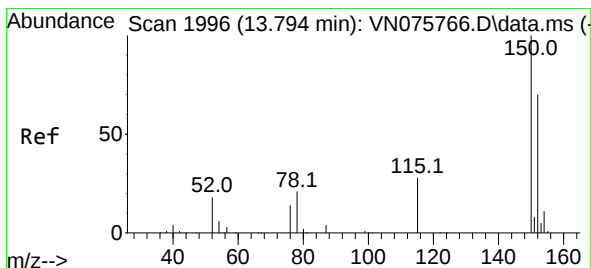
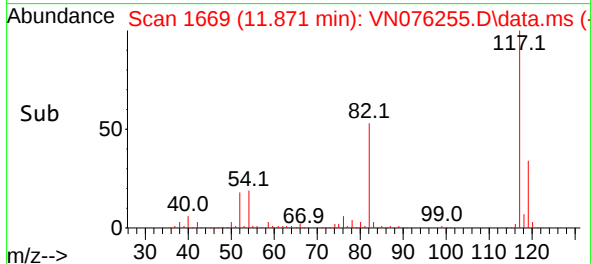
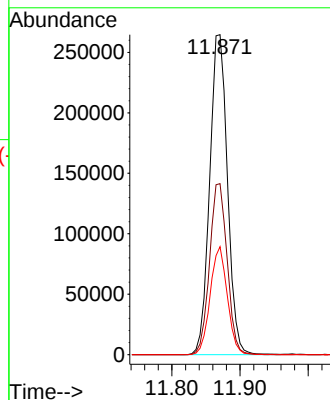
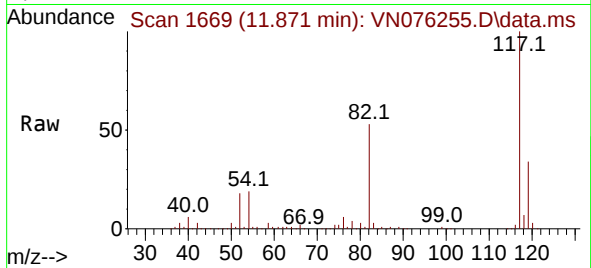




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076255.D
Acq: 13 Jan 2023 17:51

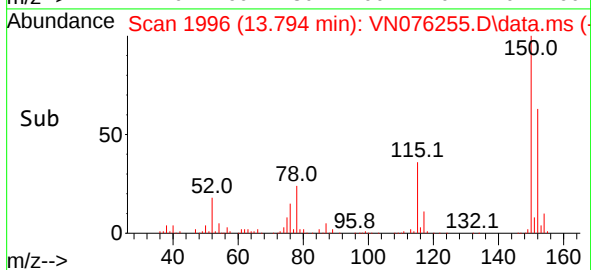
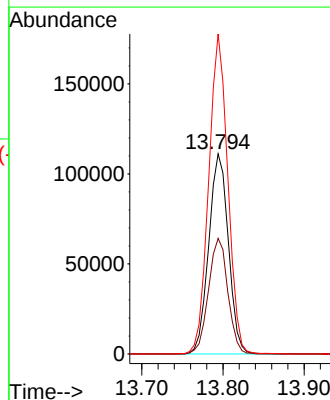
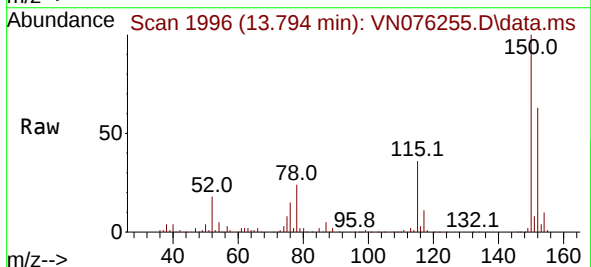
Instrument :
MSVOA_N
ClientSampleId :
IBLK

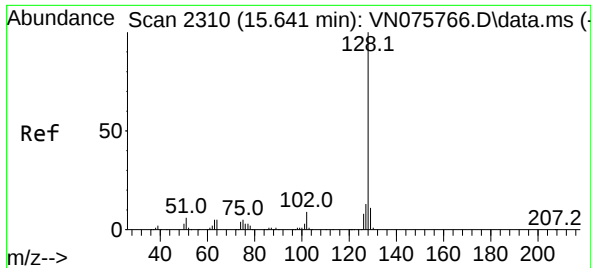
Tgt Ion:117 Resp: 480720
Ion Ratio Lower Upper
117 100
82 53.4 41.3 61.9
119 33.7 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076255.D
Acq: 13 Jan 2023 17:51

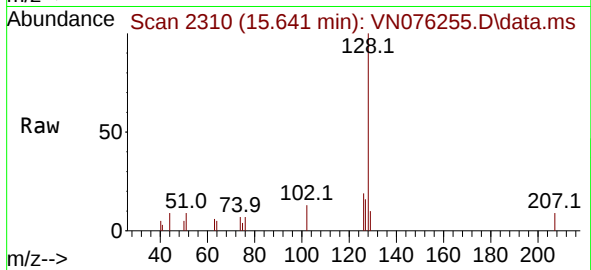
Tgt Ion:152 Resp: 186587
Ion Ratio Lower Upper
152 100
115 56.9 29.1 87.4
150 155.6 0.0 347.0





#95
Naphthalene
Concen: 3.033 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076255.D
Acq: 13 Jan 2023 17:51

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:128 Resp: 9085
Ion Ratio Lower Upper
128 100
127 12.0 10.4 15.6
129 11.0 8.7 13.1

