For circuit\_74182 files,

(1) Run Interface008-Autotest\_74182\_L.exe,

C:\Users\ADMINI~1\AppData\Local\Temp\1622795254(1).png

This button is to automatically test a family has a linear structure in the current MCS files.

The output file is Basic\_Linear\_MCS.74182\_X\_results.txt, and, in this file, for any MCS\_ID, all linear sub-families are listed.

(2) Run Interface008.exe,

C:\Users\ADMINI~1\AppData\Local\Temp\1622792336(1).png

This button is to automatically test a family has a tree structure but not a linear structure in the current MCS files.

If we find such a family, it will be saved in the result file, such as c880:ID244 in the result file “Tree-Linear\_MCS.c880\_X\_results.txt”:

MCS.c880.244.matrix.txt 1 1th set: 203 206 207 208 229 232 234 256 259 267 286 287 293 323 324 343 351 356 360 364 368 370 372 374 376 378 381 , 2th set: 203 204 205 229 231 256 343 351 360 368 369 373 377 380 , 3th set: 31 180 193 214 240 356 364 372 376 , 4th set: 29 178 191 208 234 370 374 378 381 , 5th set: 27 177 190 205 231 369 373 377 380 , ;