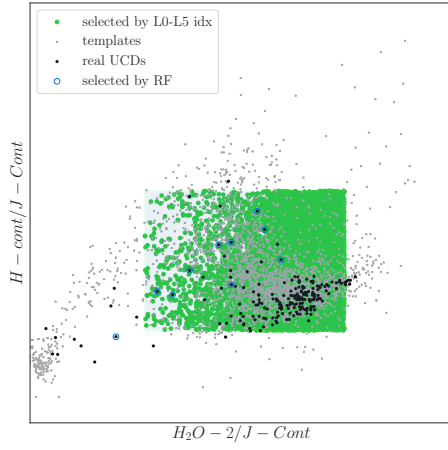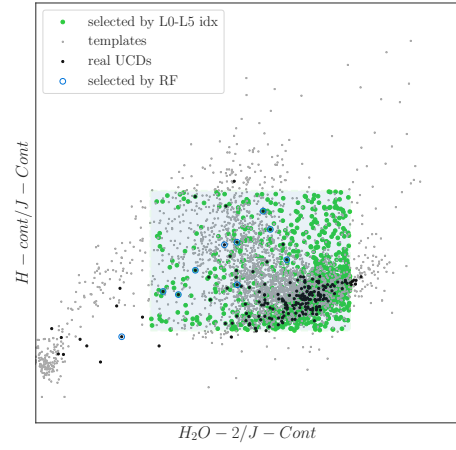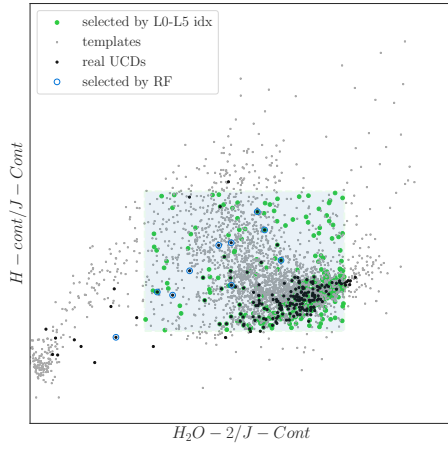**Figure 1.** Best selection criteria for different subtype ranges. Both the calibrartion samples and the contaminants are shown
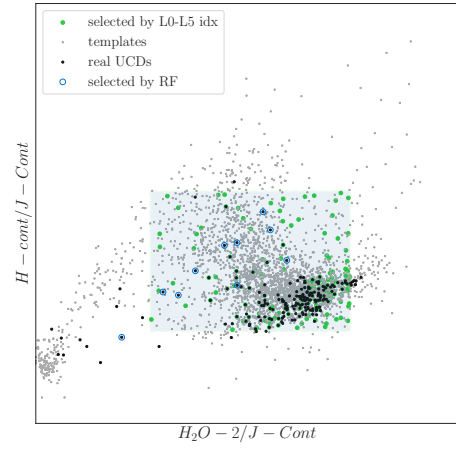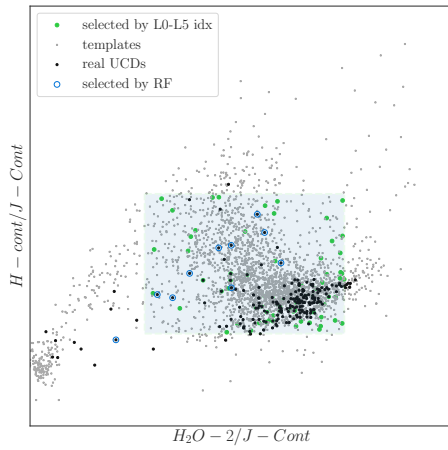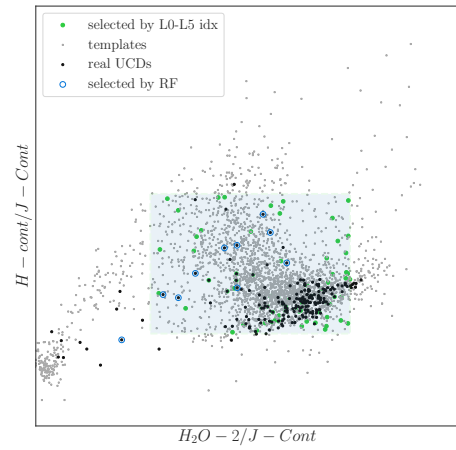
(F-test cut at .2)

(F-test cut at .3)

(F-test cut at .4)

(F-test cut at .5)

(F-test cut at .6)

(F-test cut at .7)