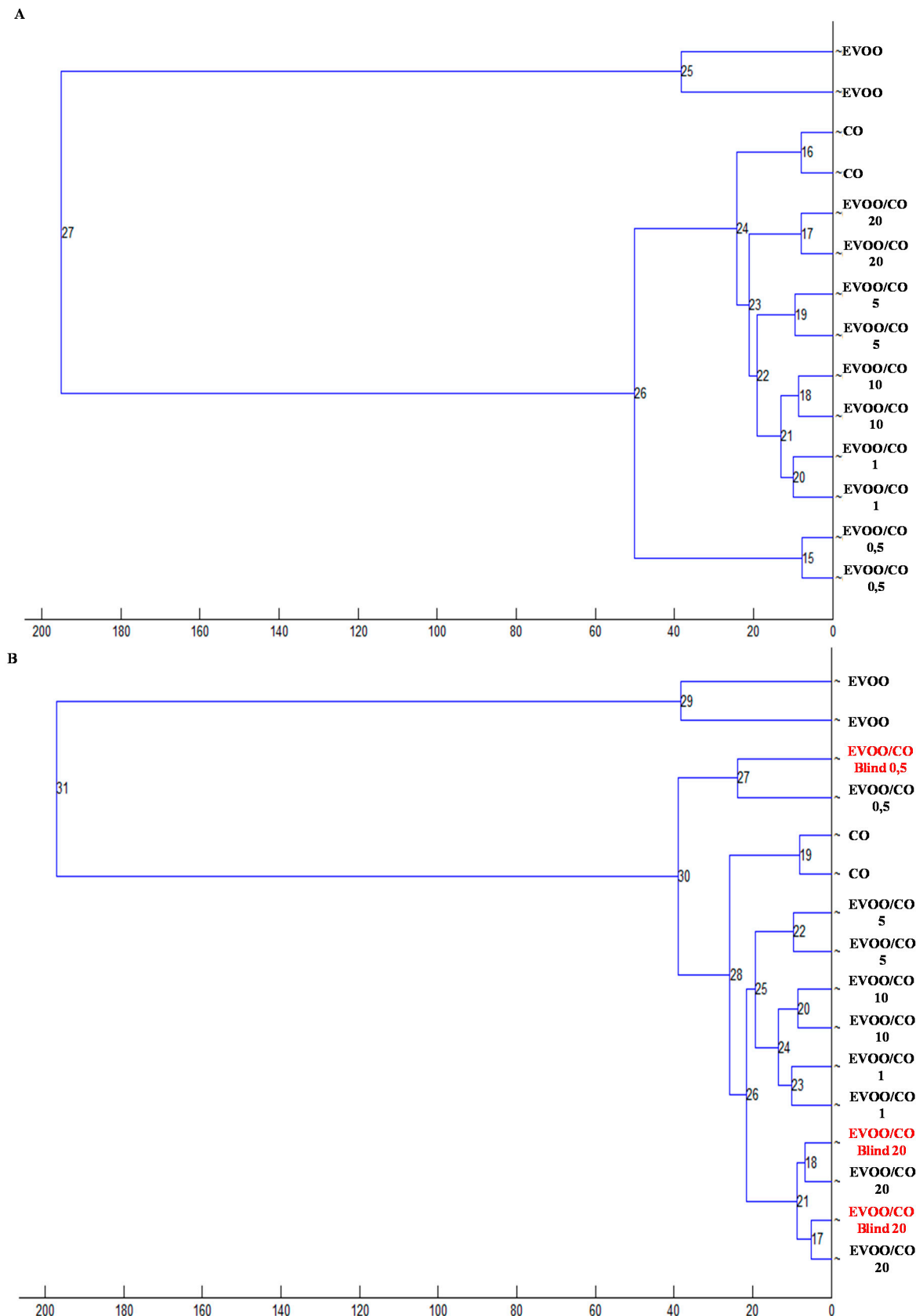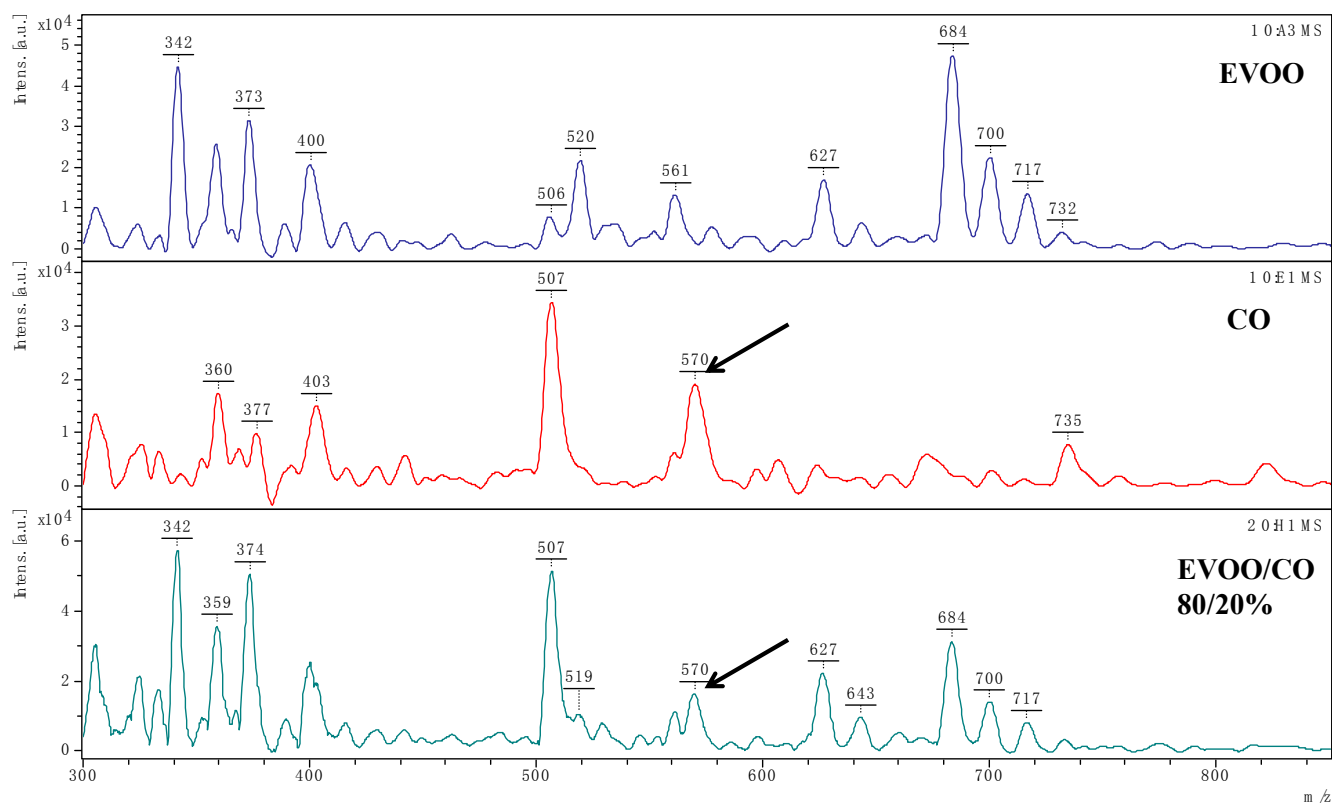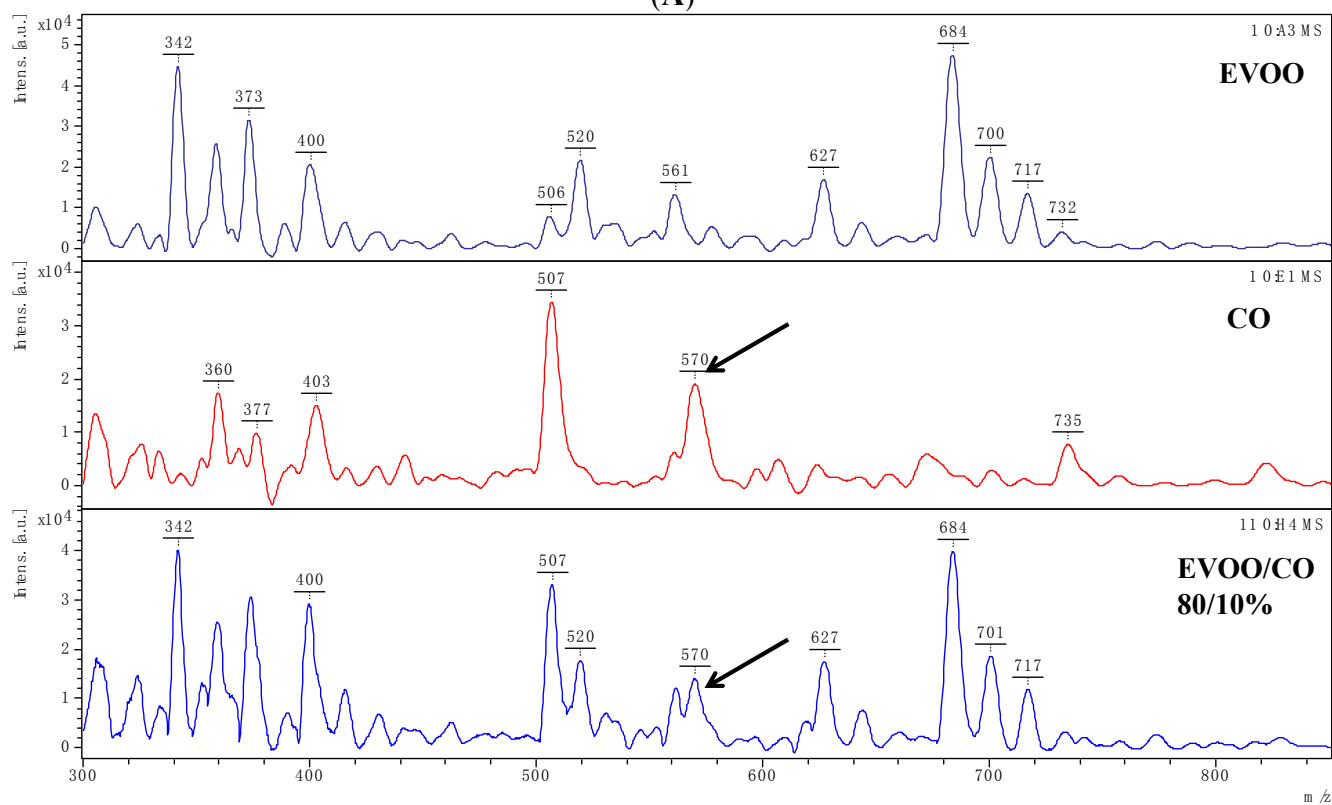# Supplementary Information

A

B

Figure S1. Two blinded CO/EVOO mixtures (**A**,**B**) were prepared (volume ratios, 20/80, 0.5/99.5) and another investigator analyzed them (independent blind analysis) and identified both the adulteration levels (red) by means of ClinProTools software.
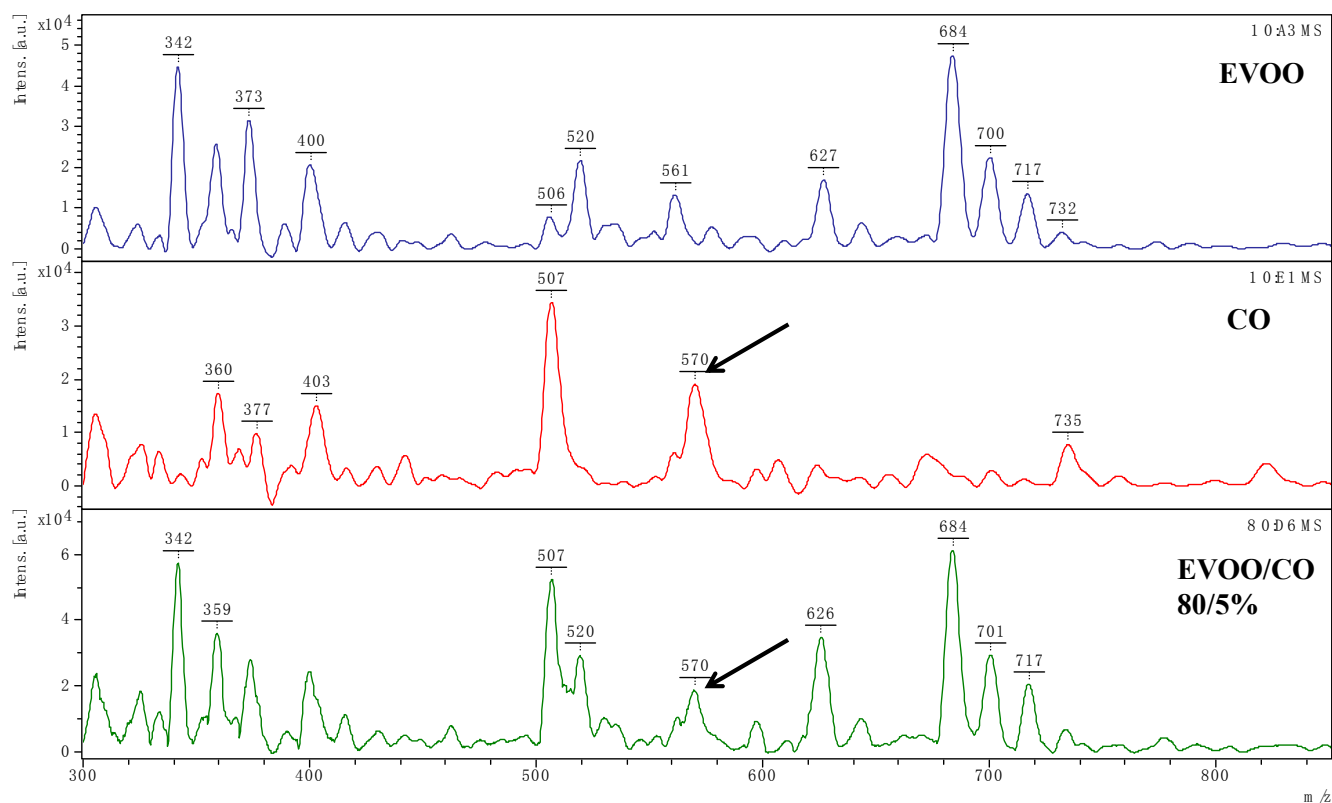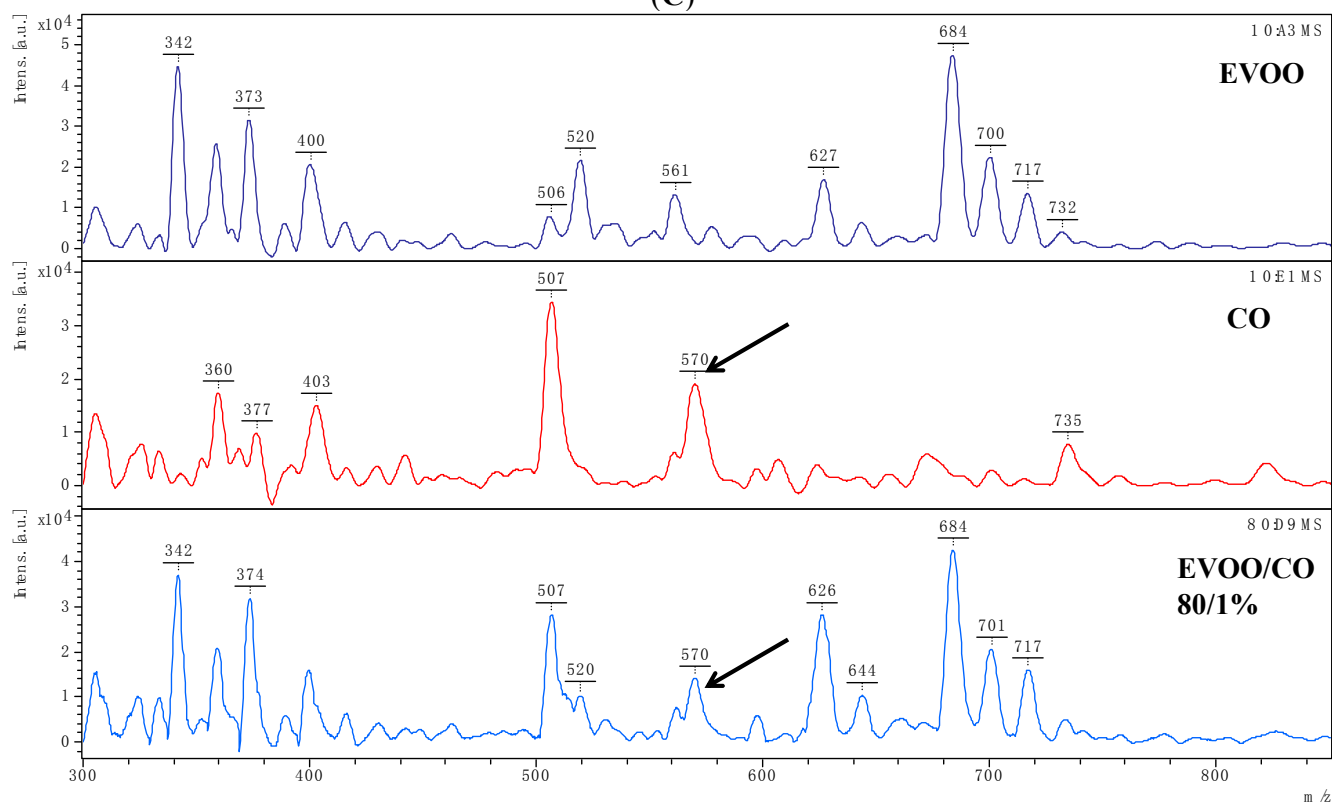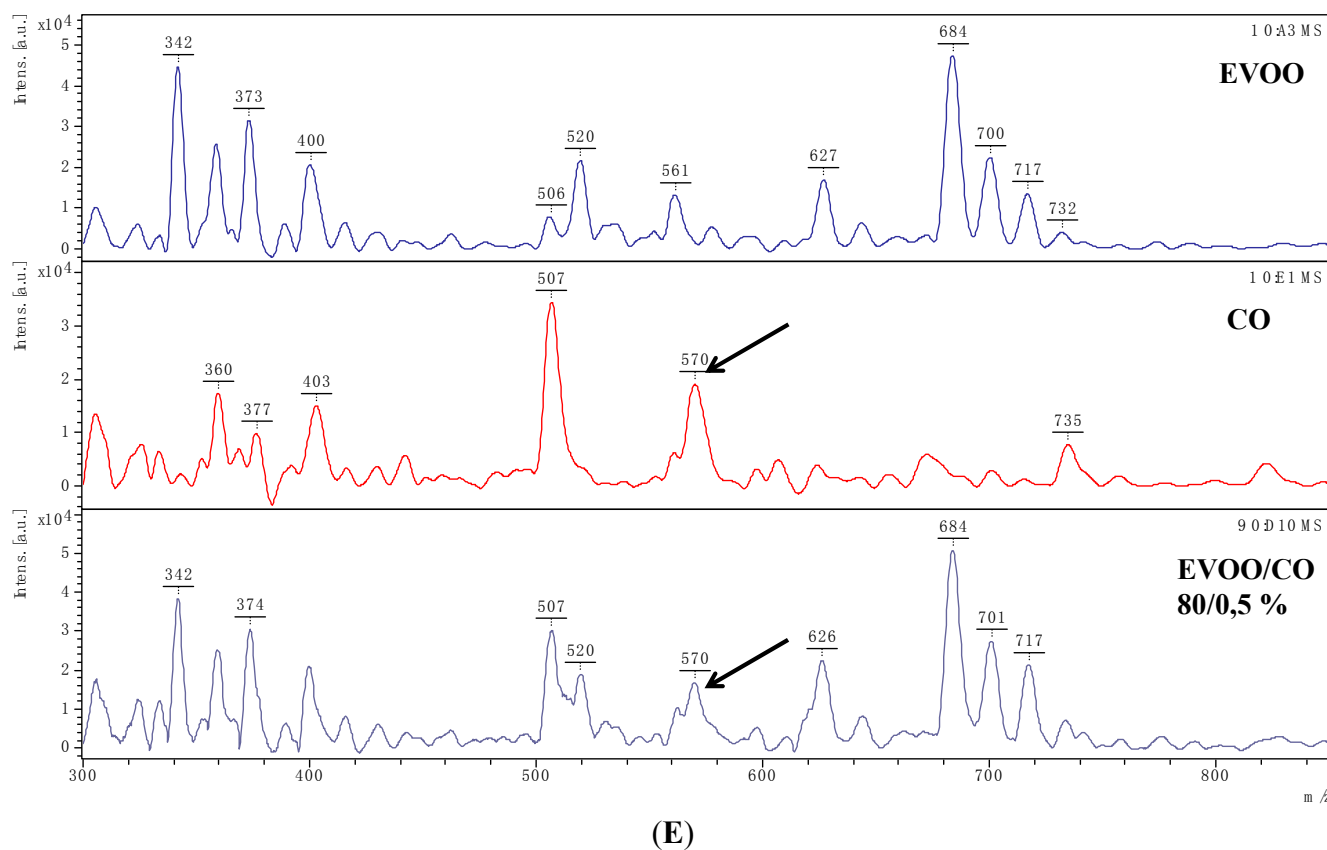
(A)

(B)

Figure S2. *Cont.*

(C)

(D)

Figure S2. *Cont.*

(E)

Figure S2. The *m/z* = 570 (indicated from the arrows) represents the discriminating peak of the all adulteration levels (panels **A–E**).