

Figure 2a

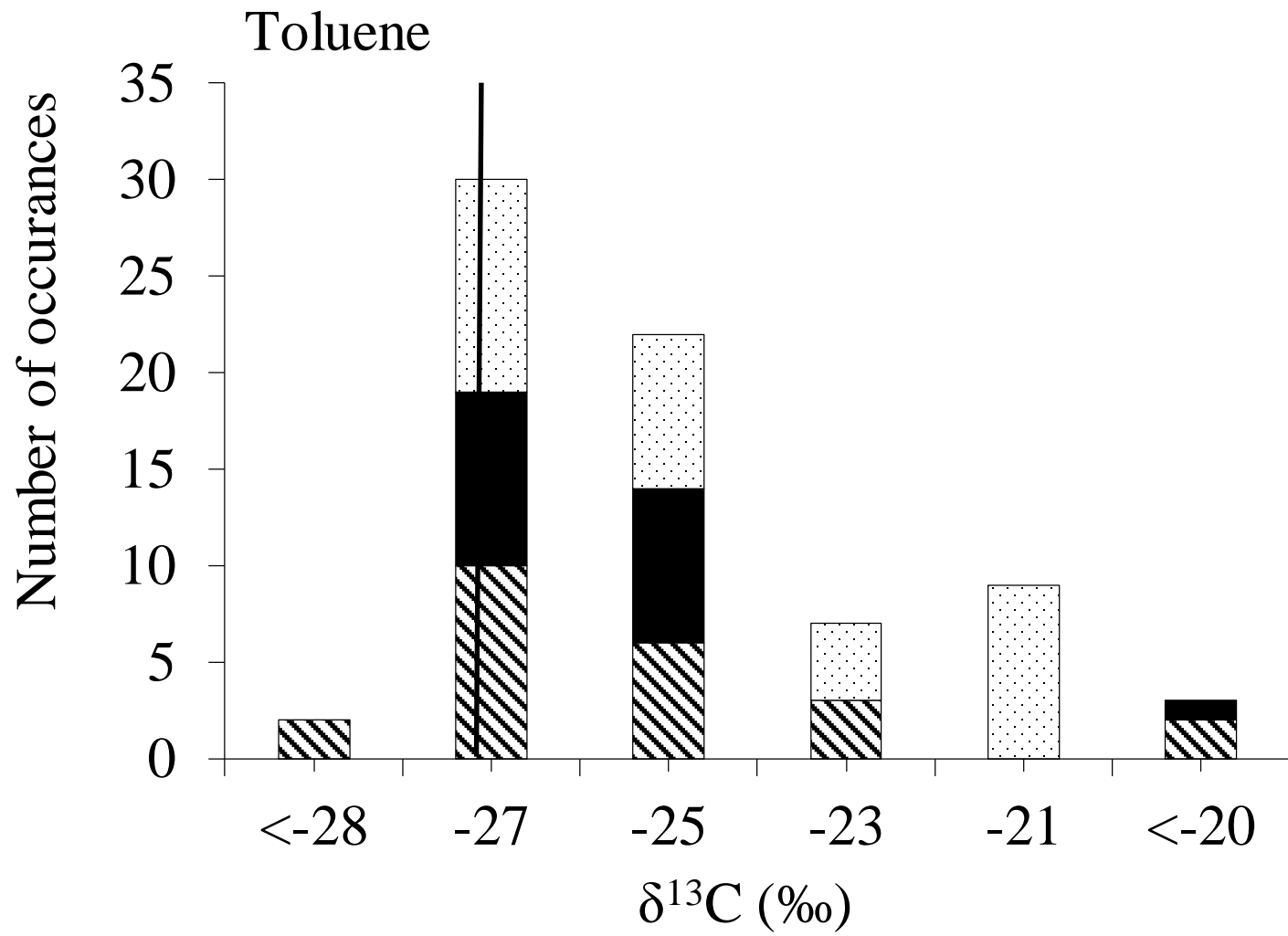


Figure 2b

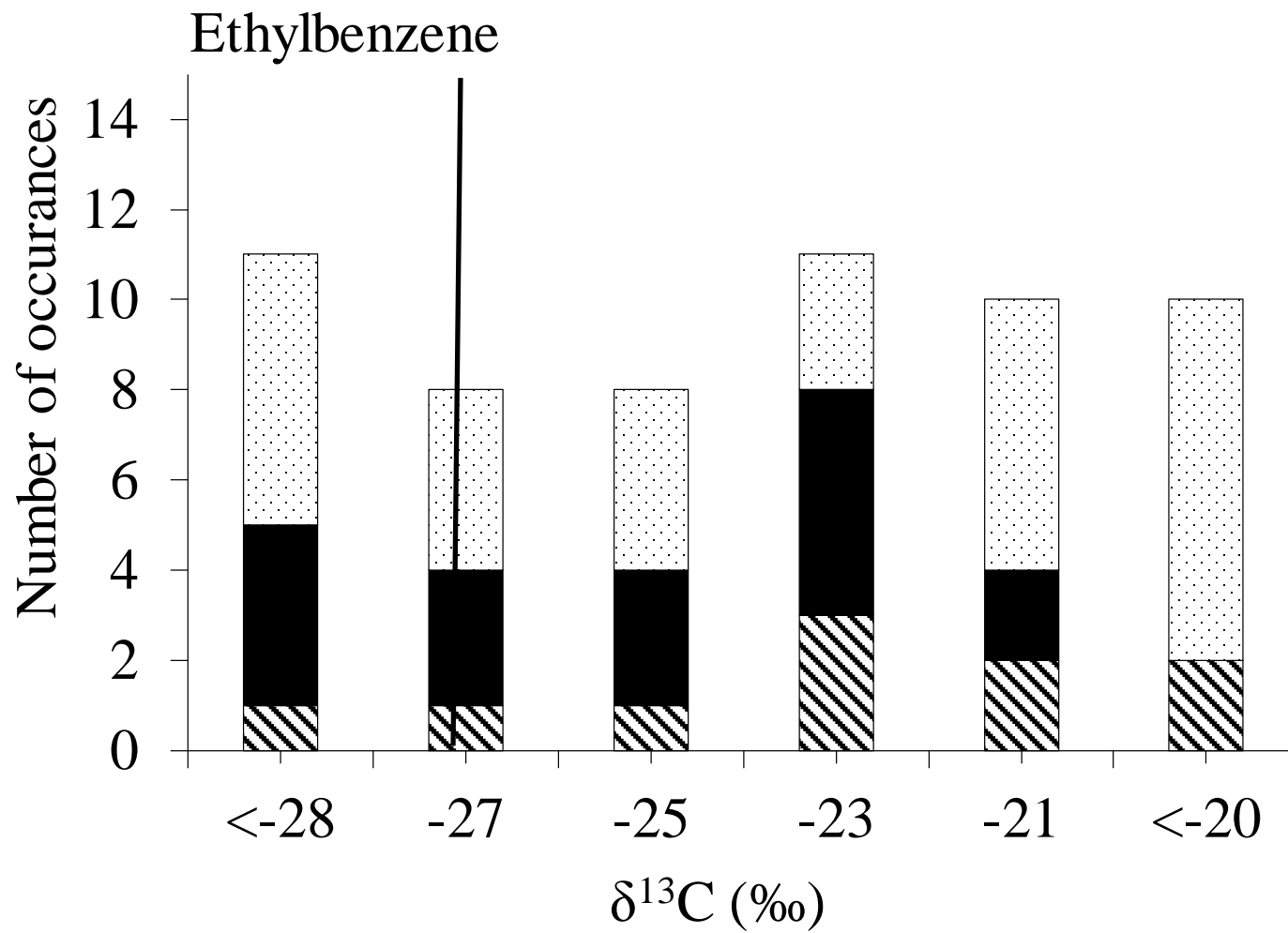


Figure 2c

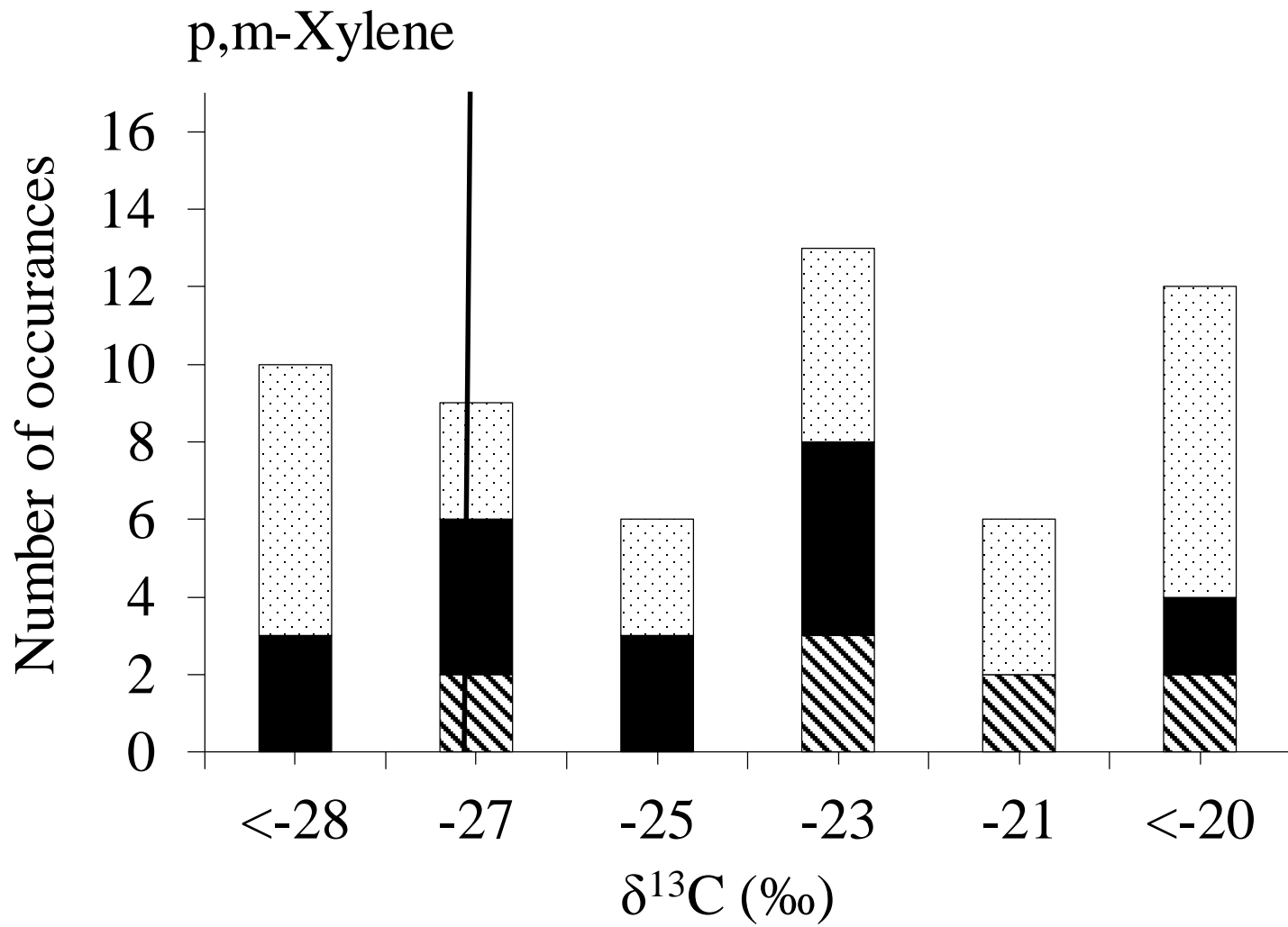


Figure 2d

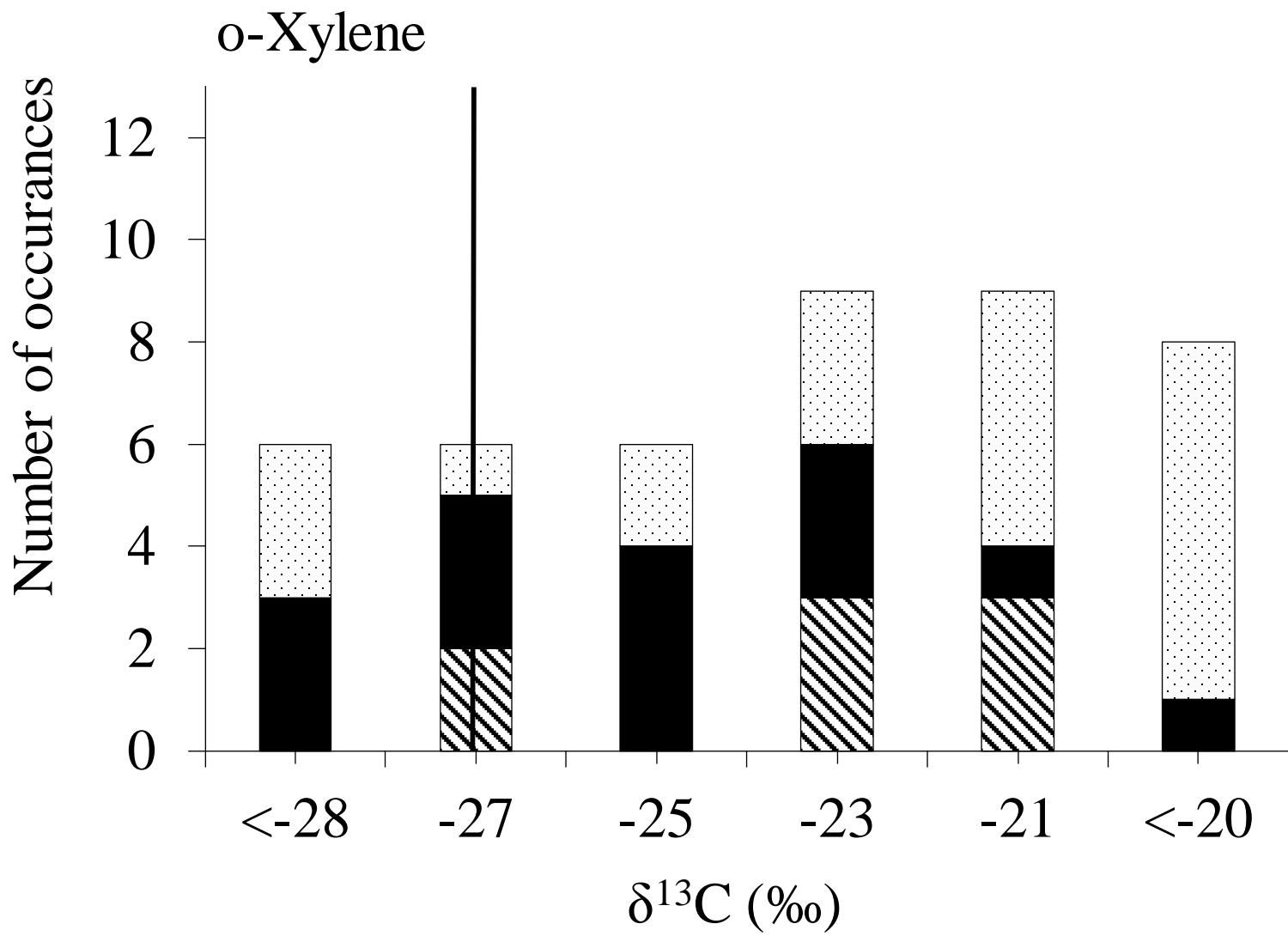


Figure 2e

**Figure 2.** Frequency distribution for VOC carbon isotope ratios measured in Toronto in 2009 and 2010. Observations for different seasons are identified as follows: Fall- dotted, winter- black, and spring and summer- hatched. The solid vertical lines are the isotope composition of traffic related emissions (Rudolph et al., 2002).

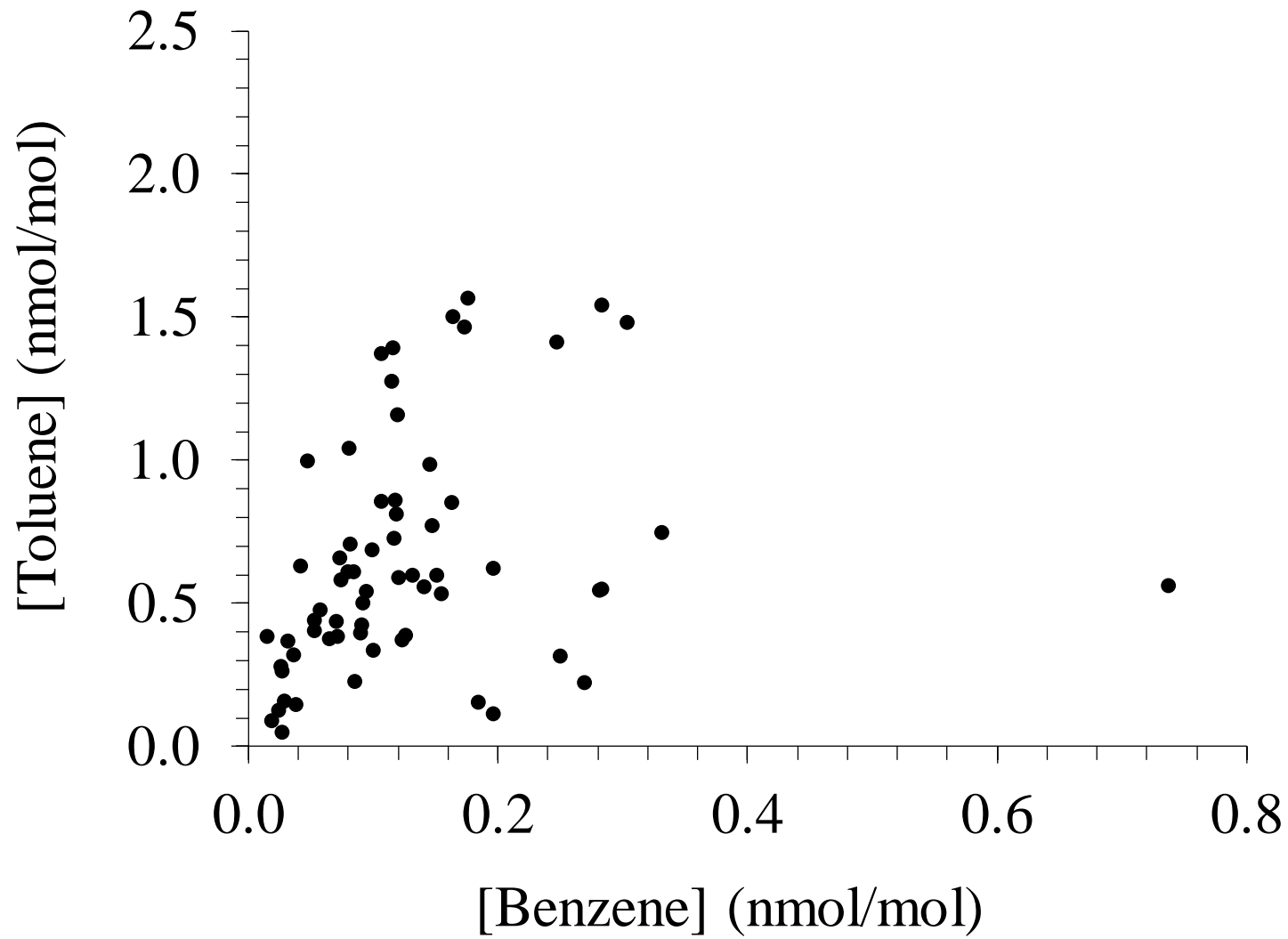


Figure 3a

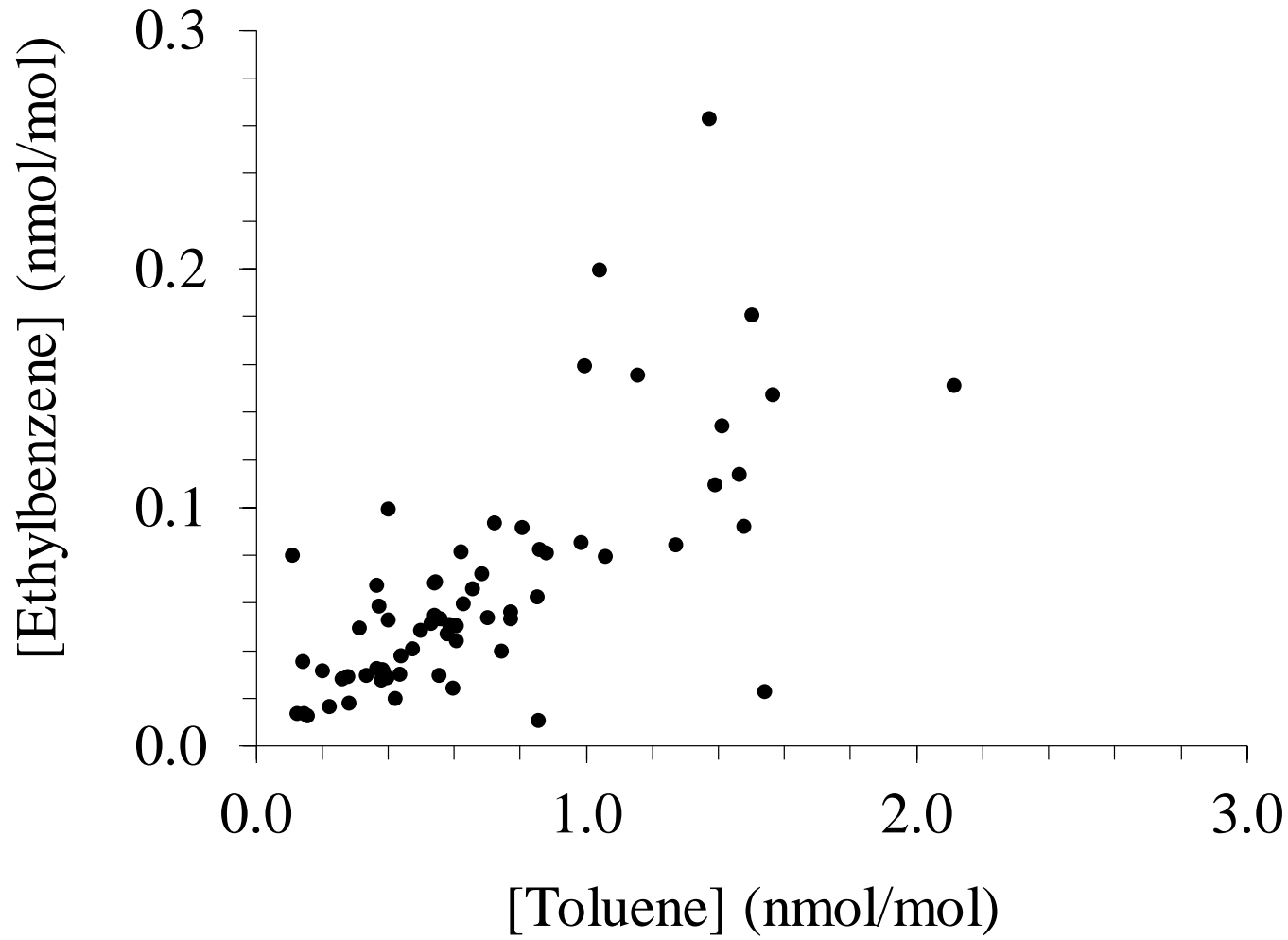


Figure 3b



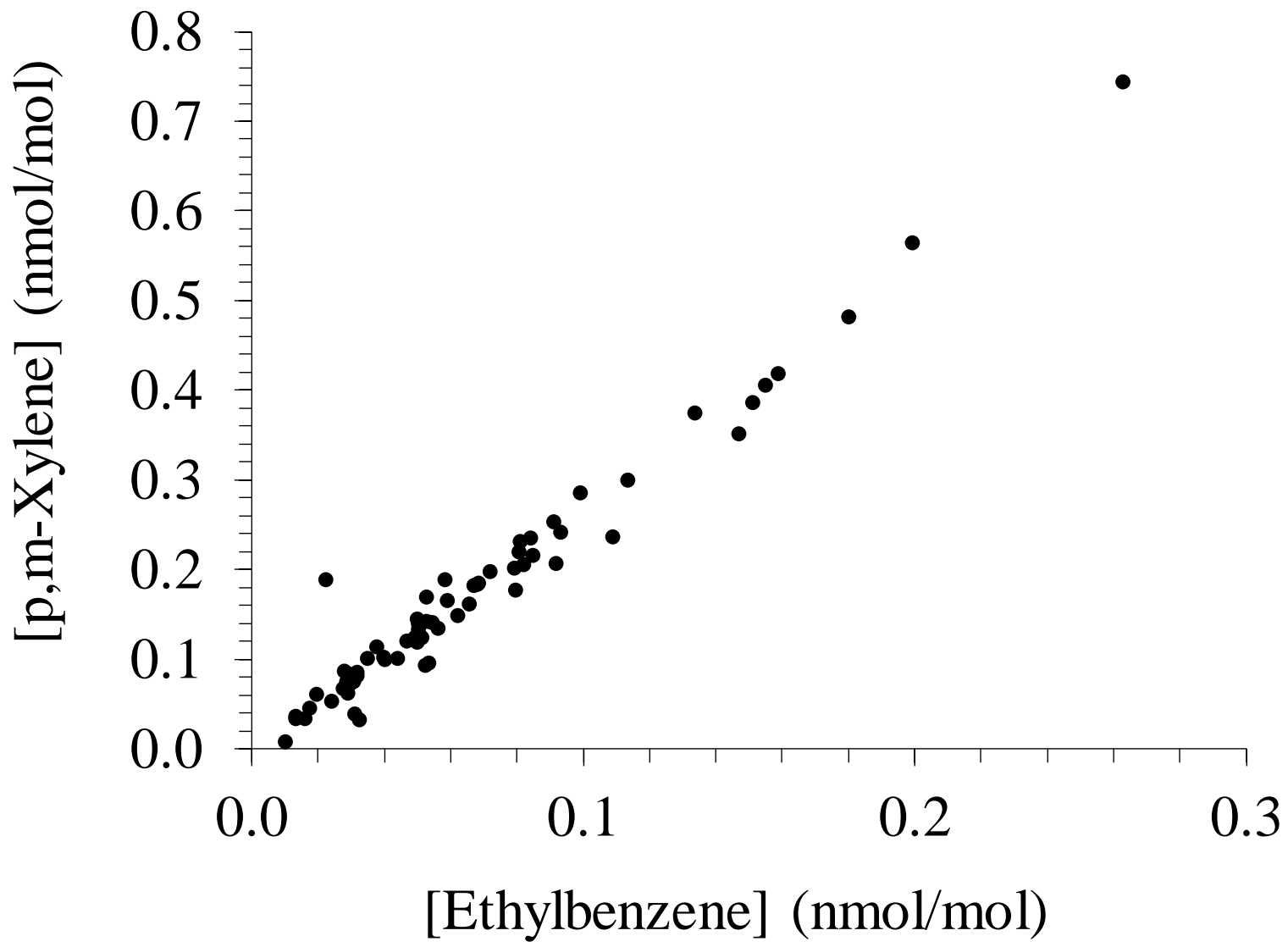


Figure 3c

**Figure 3.** Example plots for the dependence between mixing ratios for different VOC pairs.

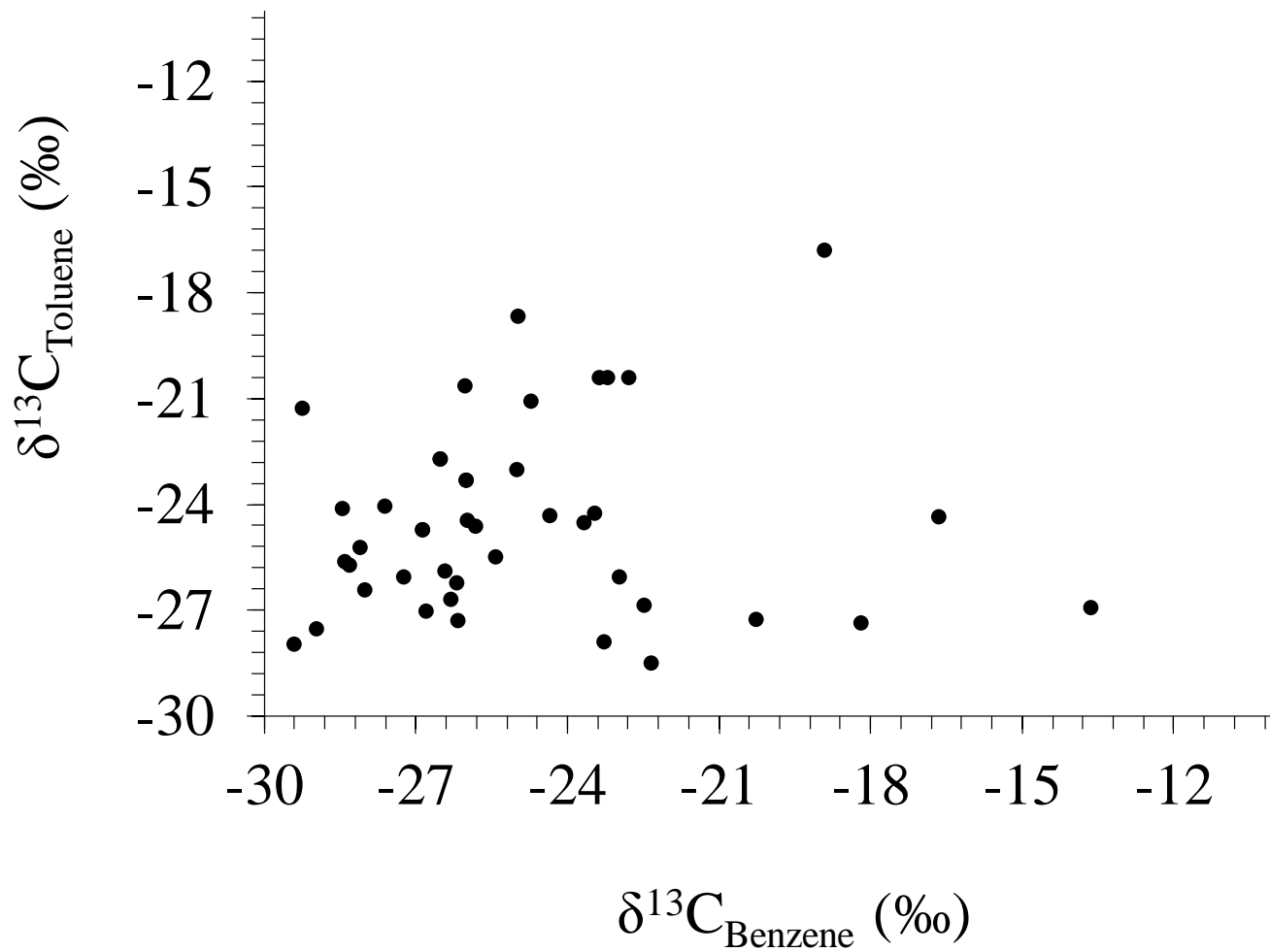


Figure 4a

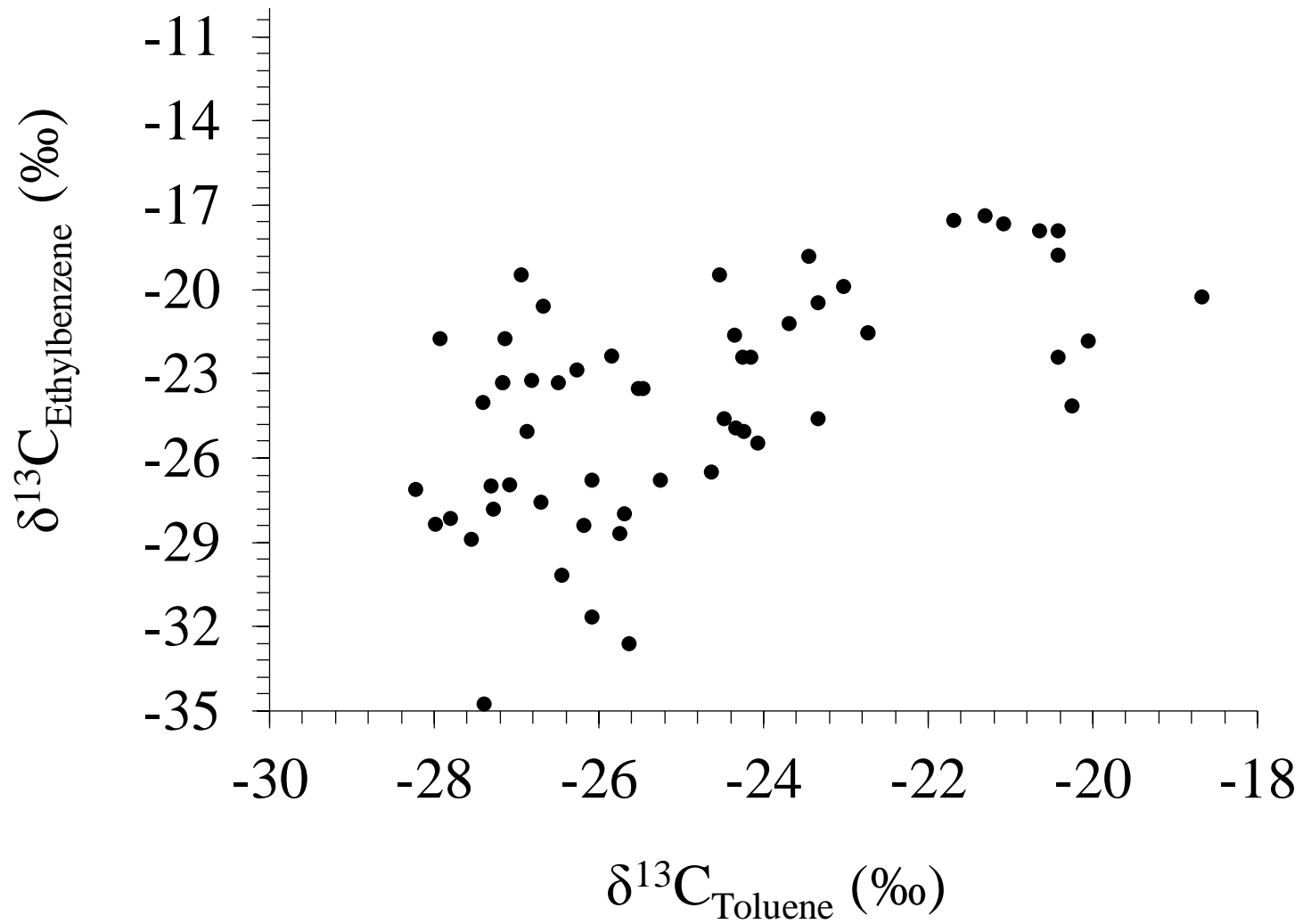


Figure 4b

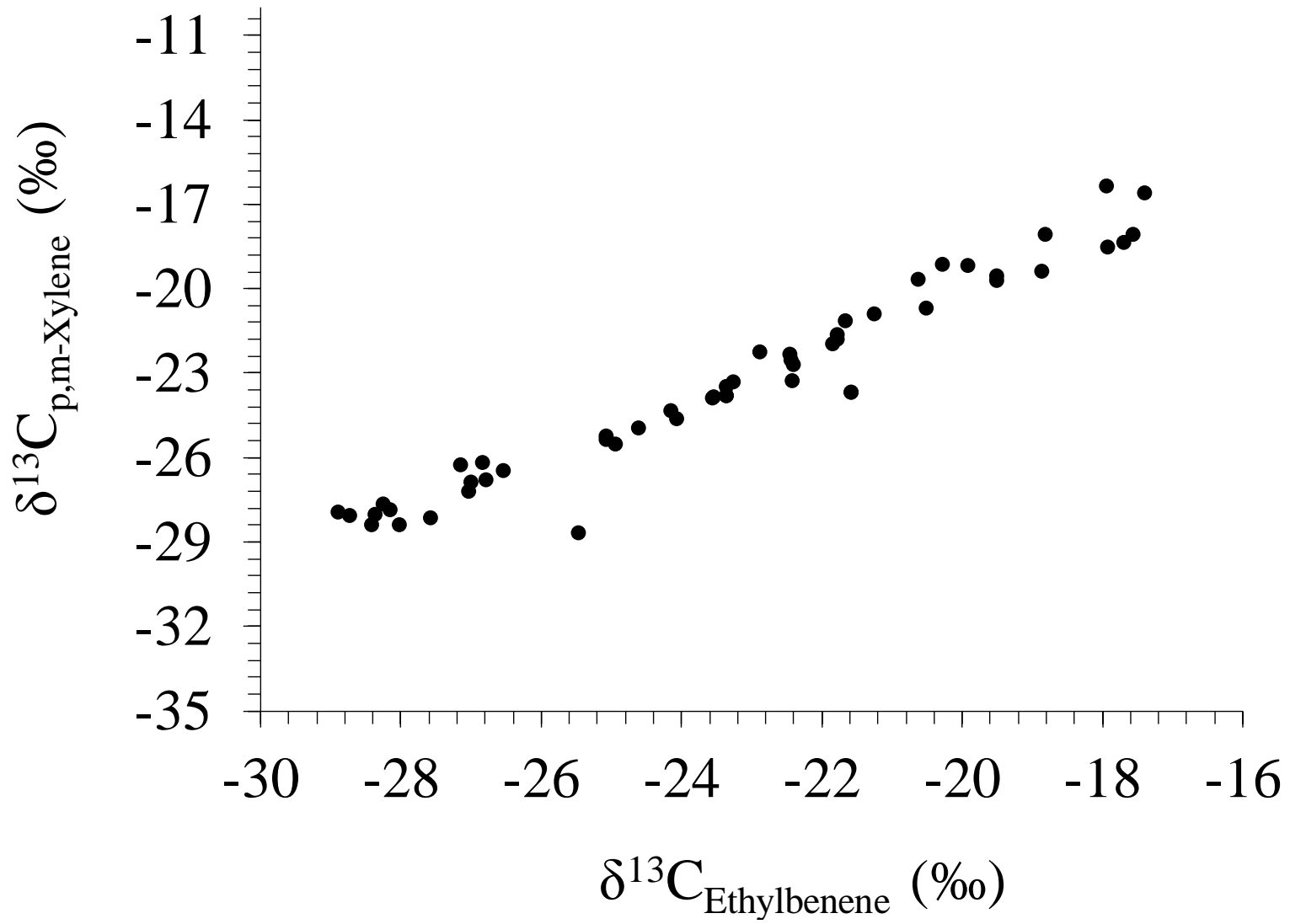


Figure 4c

**Figure 4.** Example plots for the dependence between carbon isotope ratios for different VOC pairs.

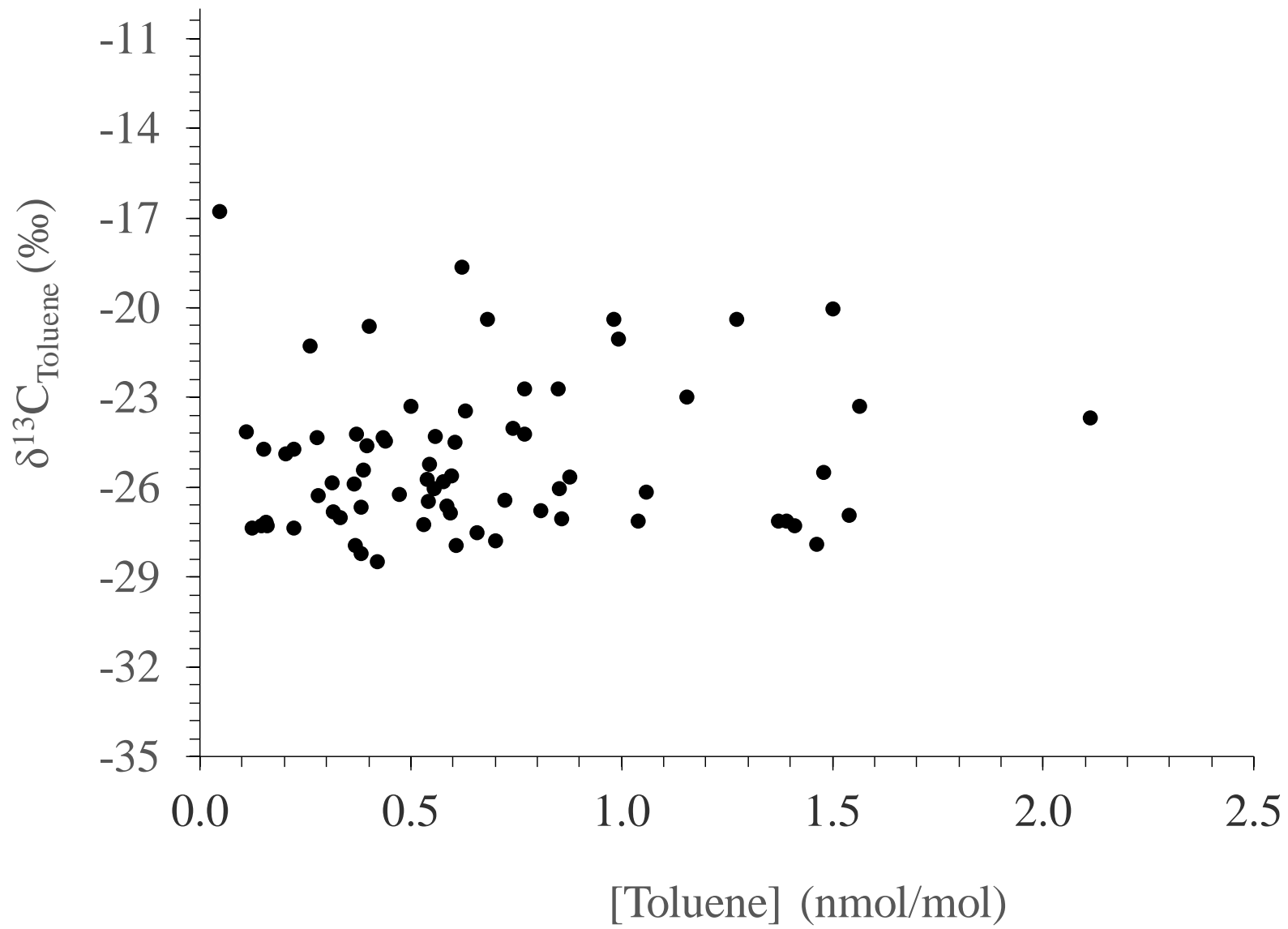


Figure 5a

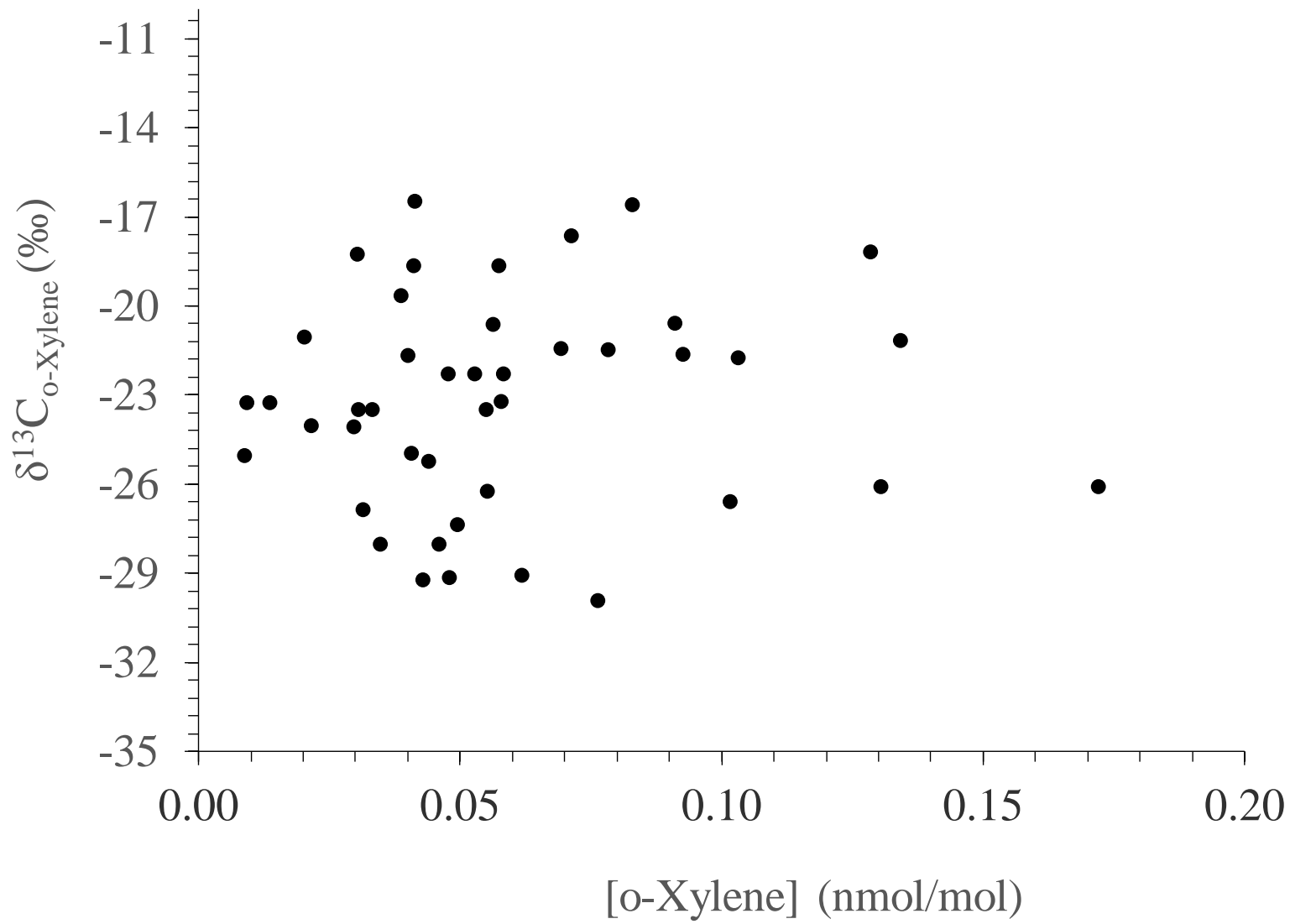


Figure 5b.



**Figure 5.** Example plots of VOC mixing ratios versus carbon isotope ratios.