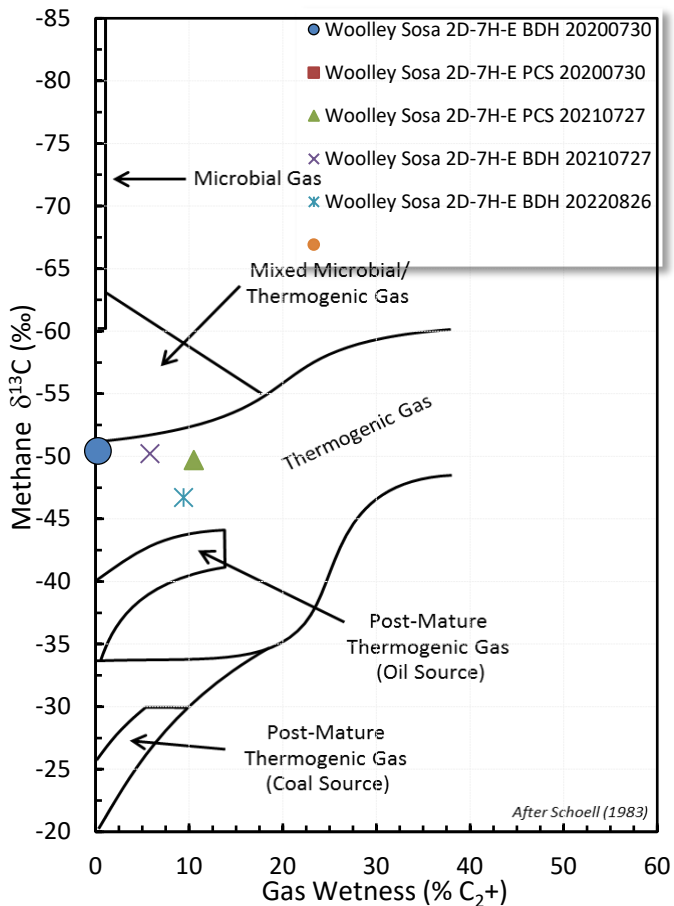
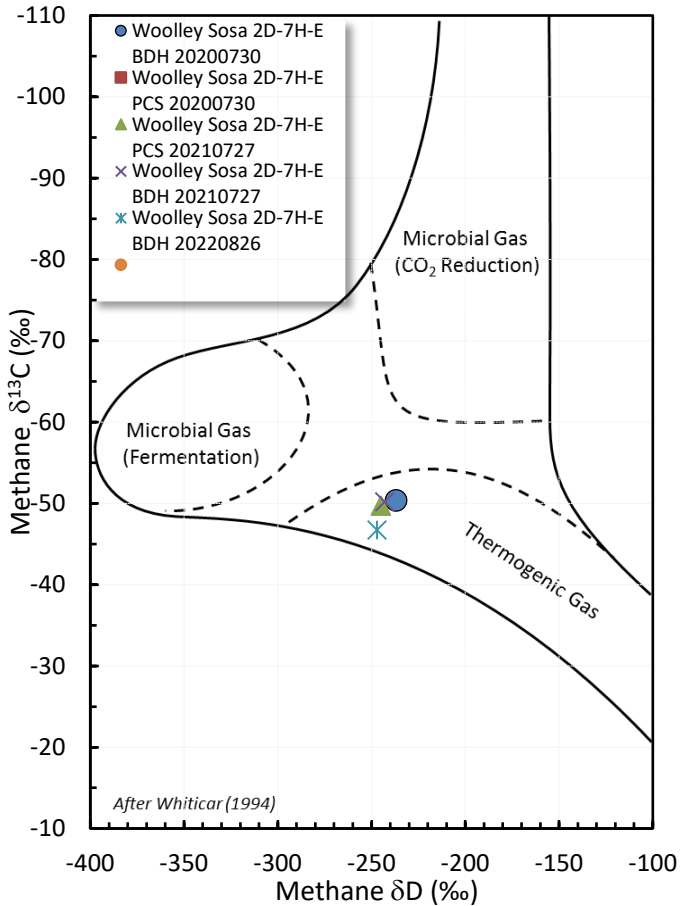


Stable Isotope Interpretive Plots

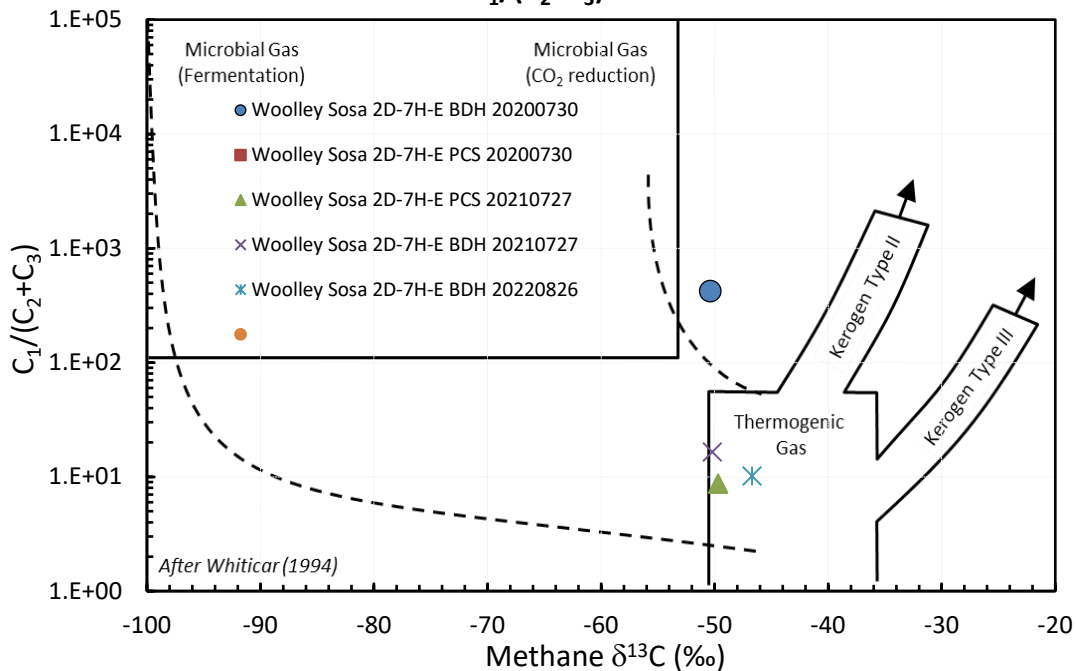
Methane vs Gas Wetness Genetic Classification



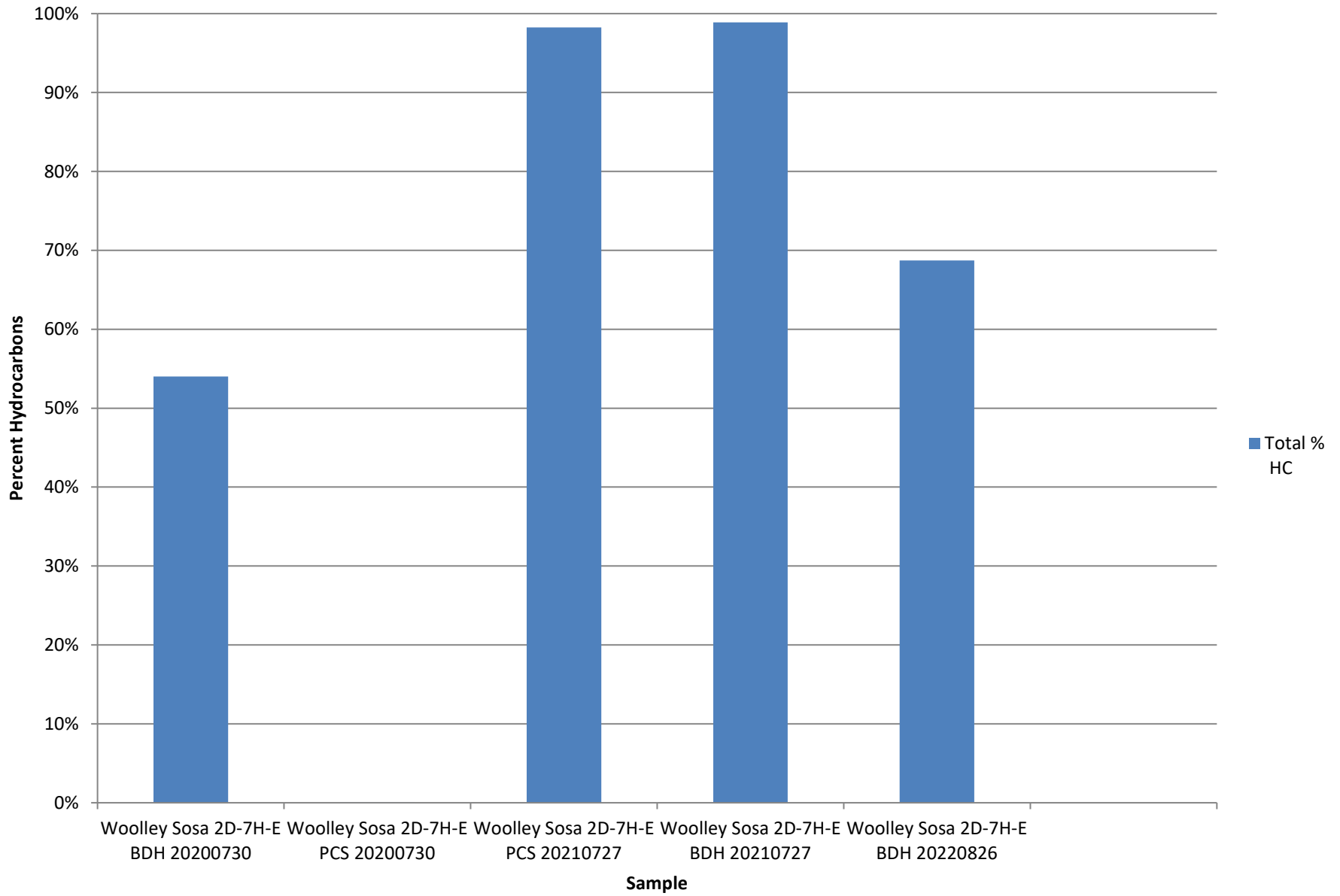
Methane $\delta^{13}\text{C}$ vs δD Genetic Classification Plot



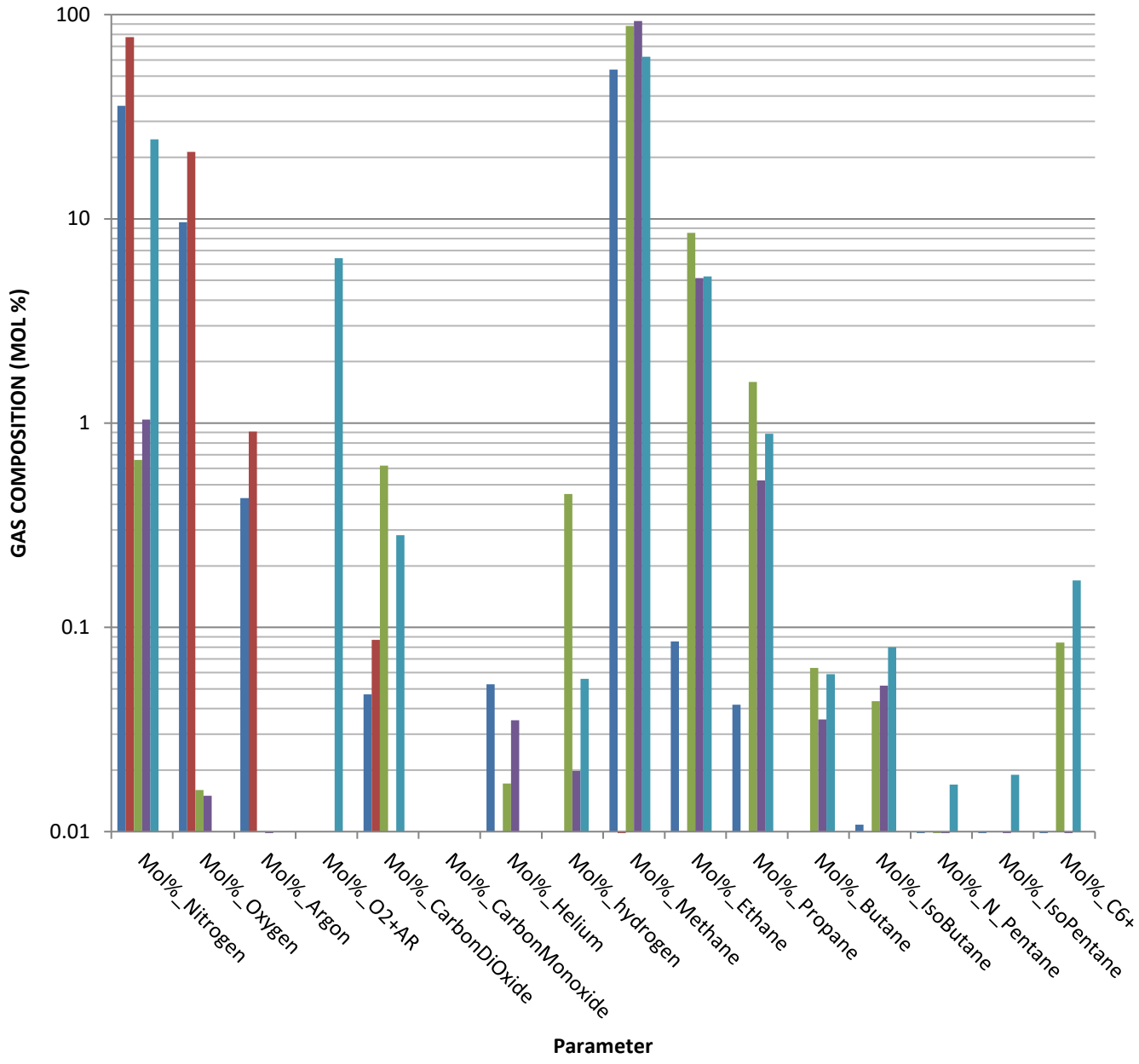
Methane $\delta^{13}\text{C}$ vs $\text{C}_1/(\text{C}_2+\text{C}_3)$ Genetic Classification Plot



Total Percent Hydrocarbons

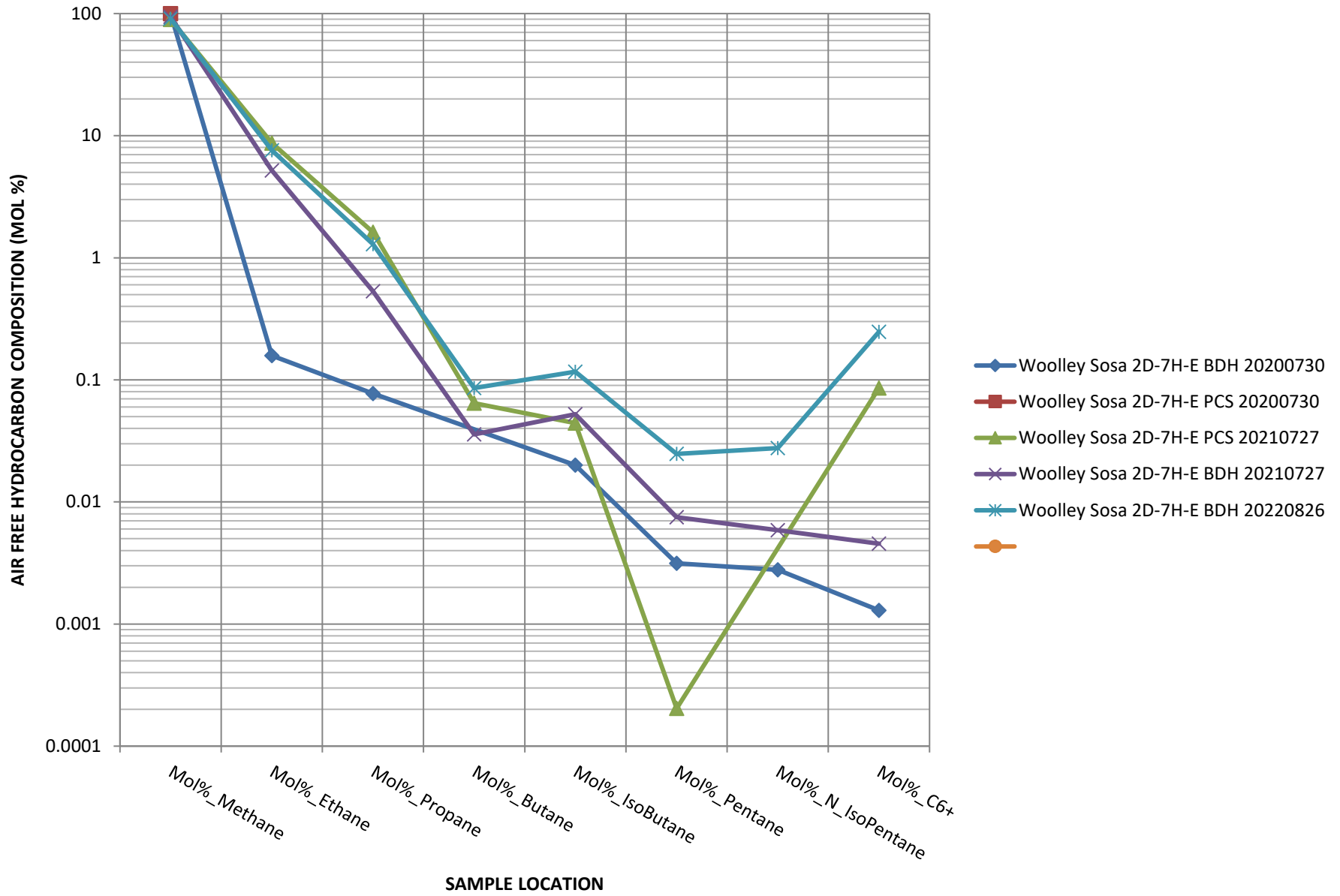


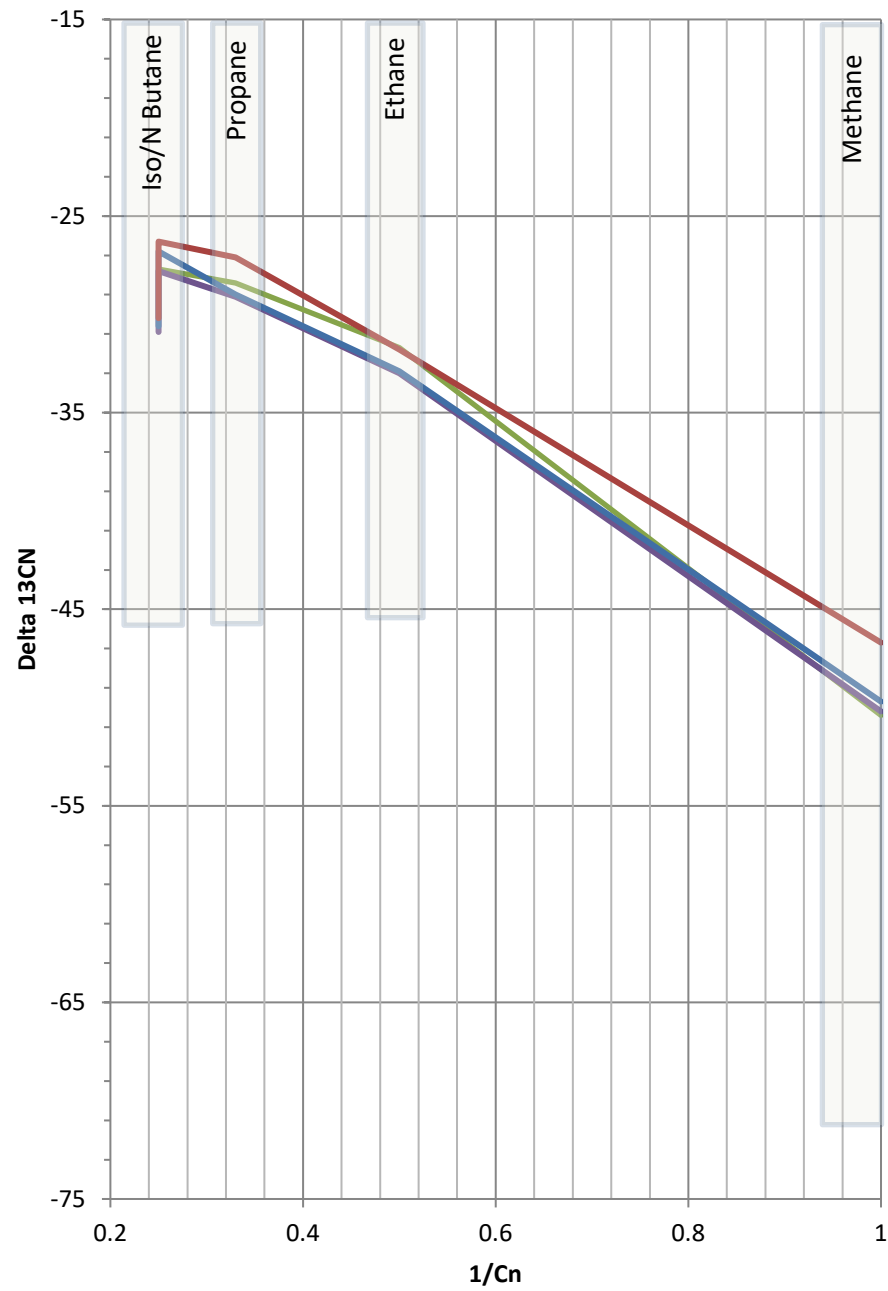
GAS COMPOSITION



- Woolley Sosa 2D-7H-E BDH 20200730
- Woolley Sosa 2D-7H-E PCS 20200730
- Woolley Sosa 2D-7H-E PCS 20210727
- Woolley Sosa 2D-7H-E BDH 20210727
- Woolley Sosa 2D-7H-E BDH 20220826

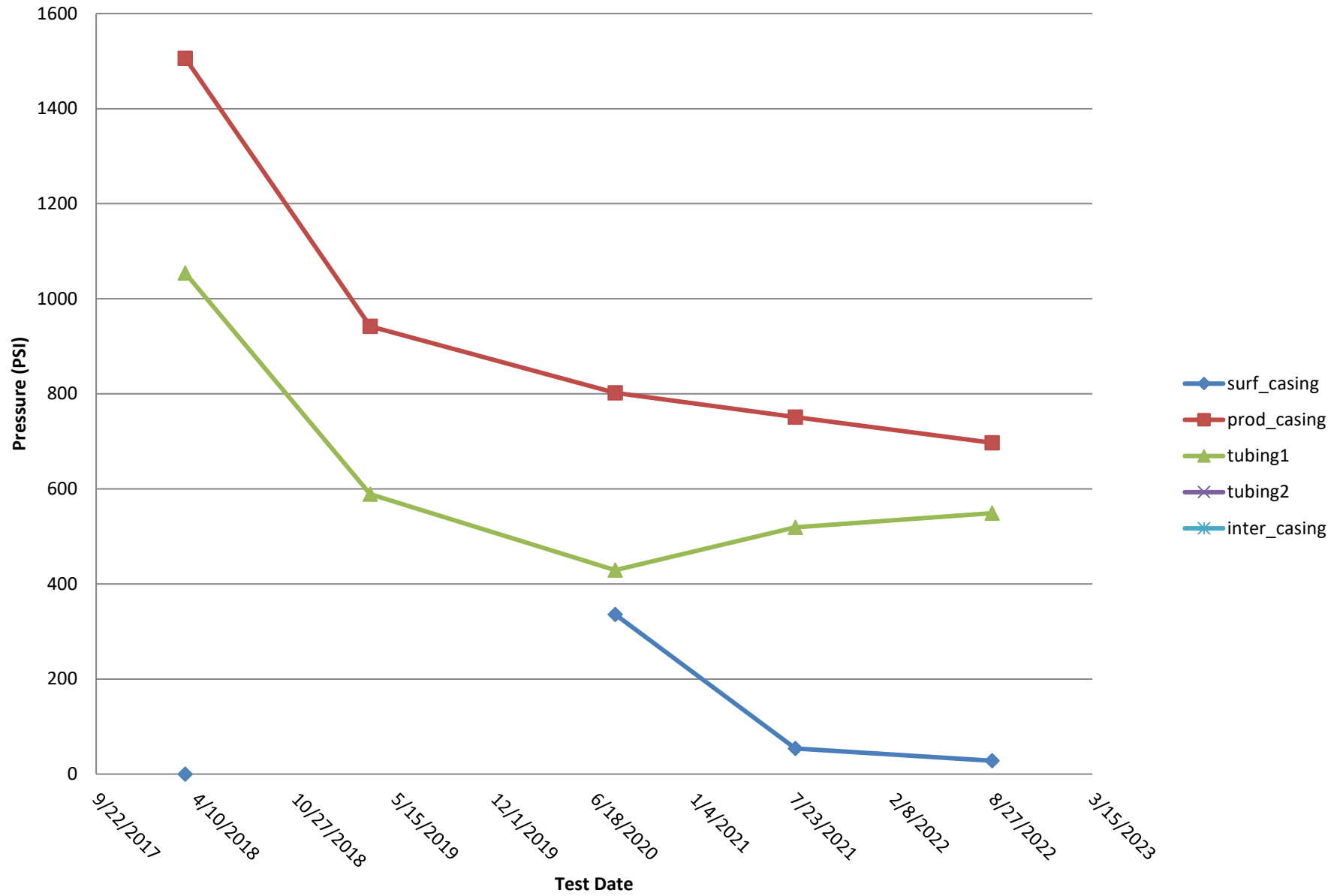
HYDROCARBON COMPOSITION



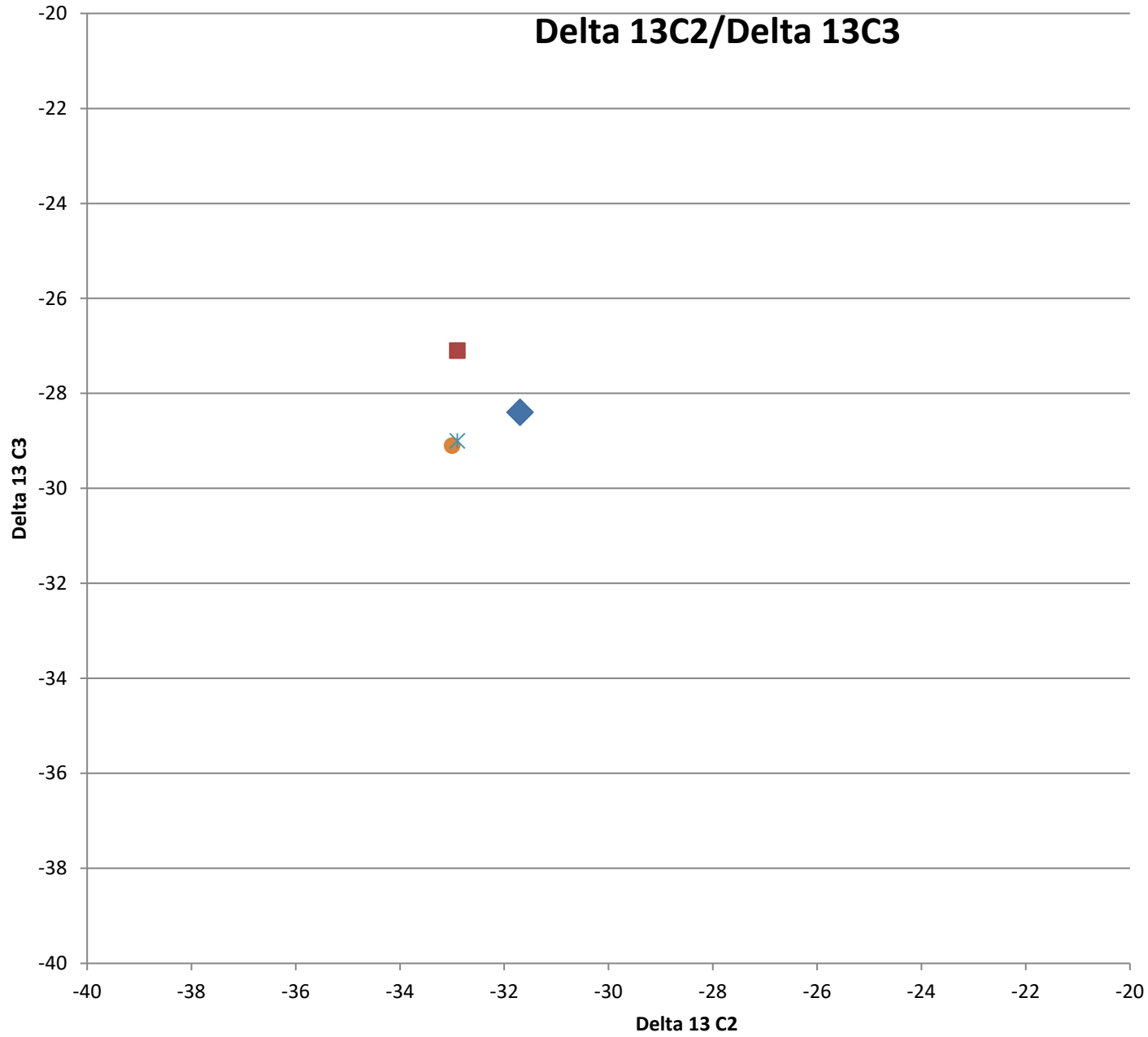


- Woolley Sosa 2D-7H-E BDH
- Woolley Sosa 2D-7H-E BDH
- Woolley Sosa 2D-7H-E PCS
- Woolley Sosa 2D-7H-E BDH
-
-

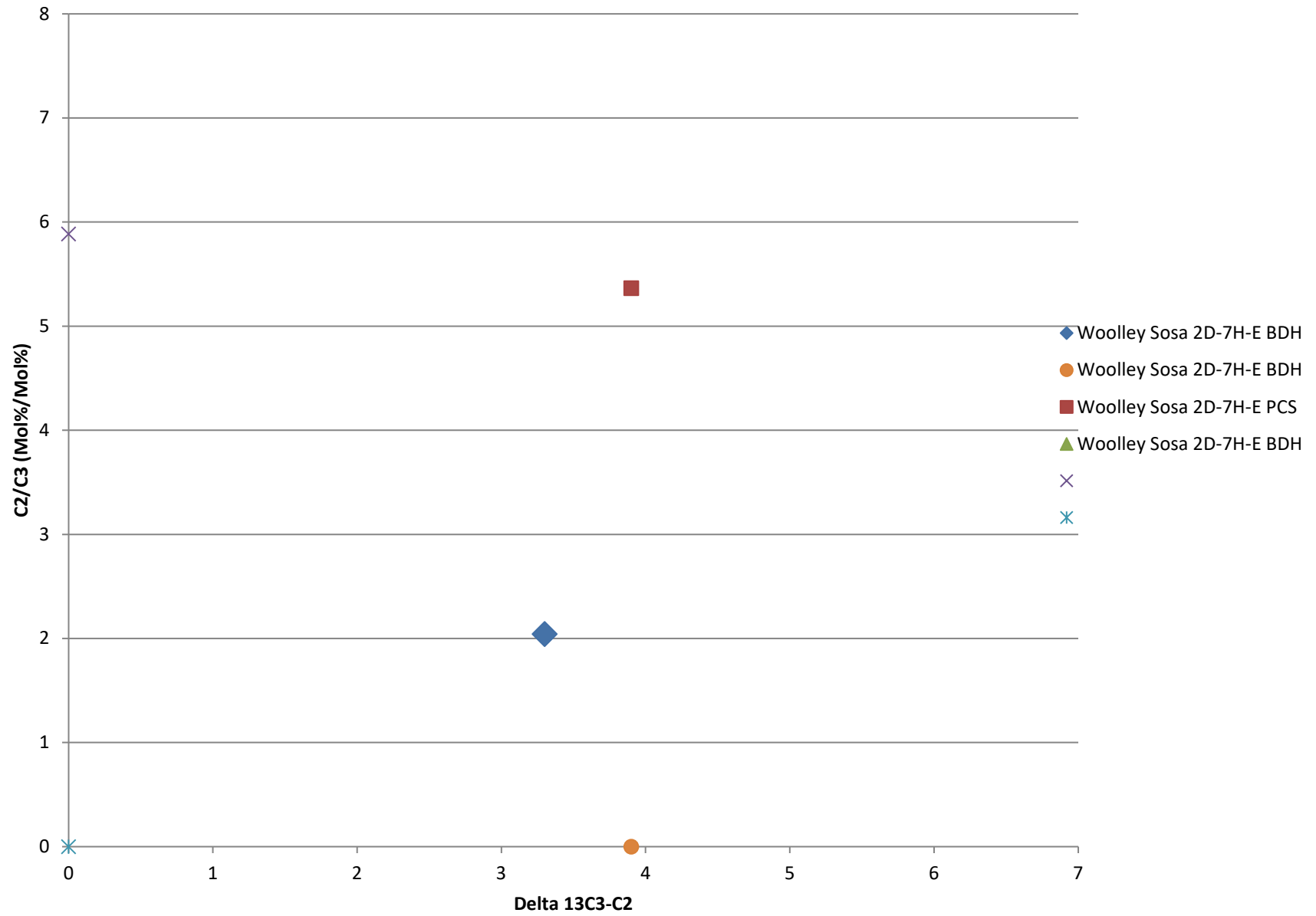
Bradenhead Test Summary



Delta 13C2/Delta 13C3



Delta13 C2/C3 vs. Delta 13C3-C2



Delta 13 IC4/ Delta NC4

