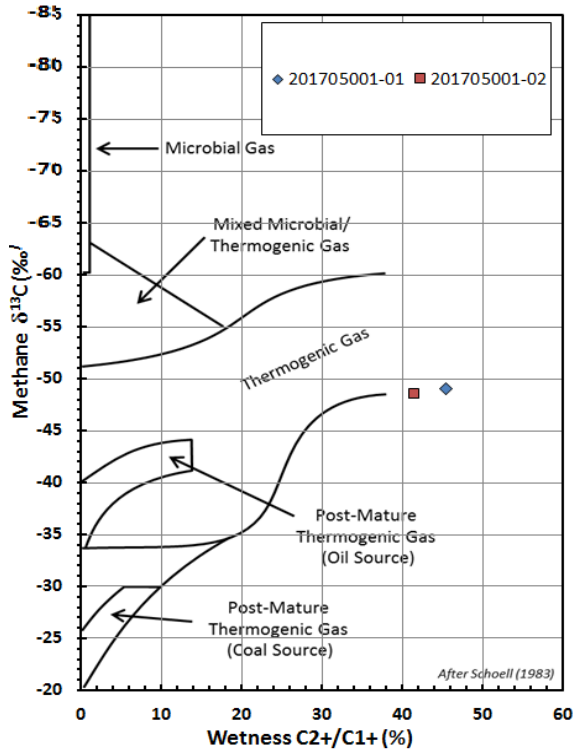


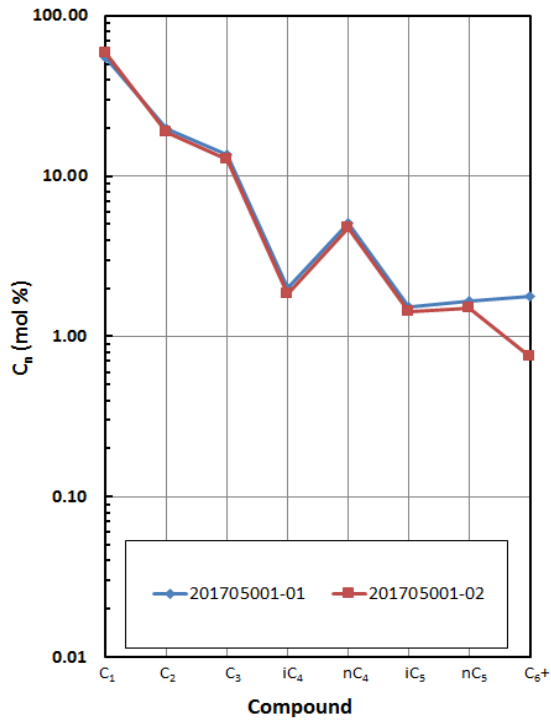


**Interpretive Plots by DIG**

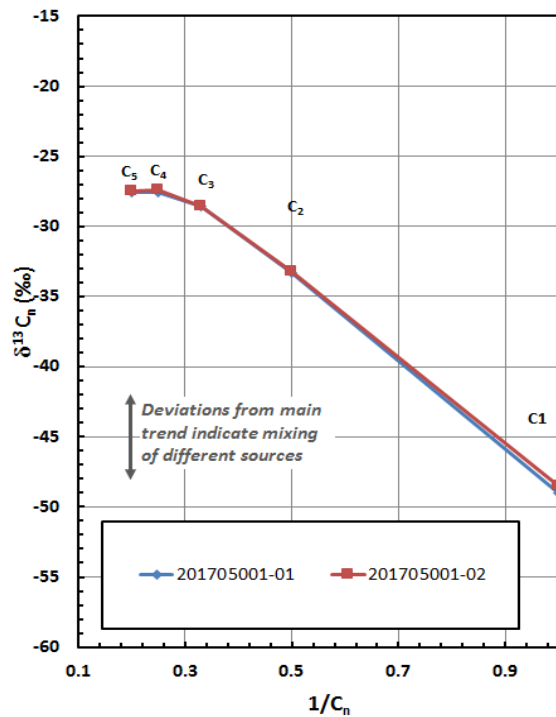
**Methane  $\delta^{13}\text{C}$  vs Wetness Genetic Classification Plot**



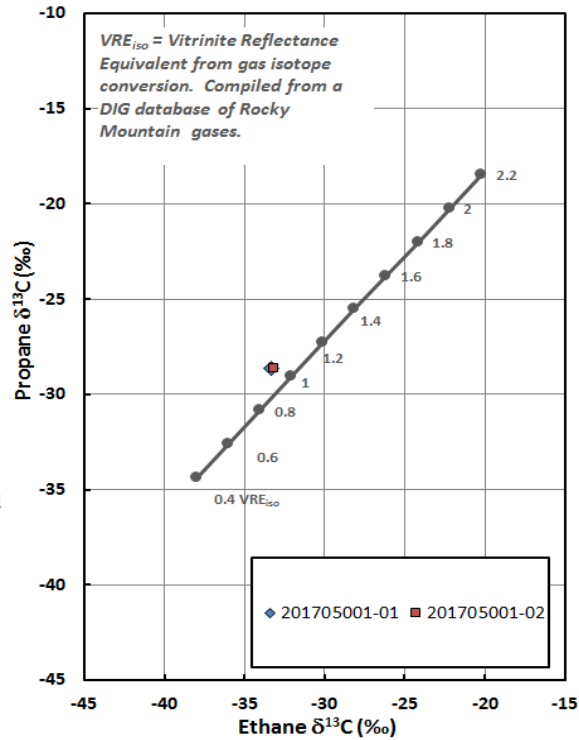
**Hydrocarbon Composition Plot**



**Mixing Plot**



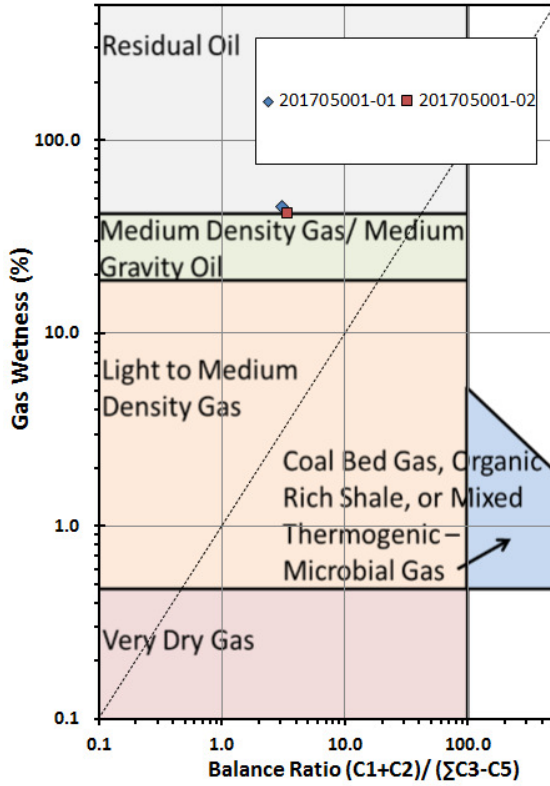
**Ethane - Propane Maturity Plot**



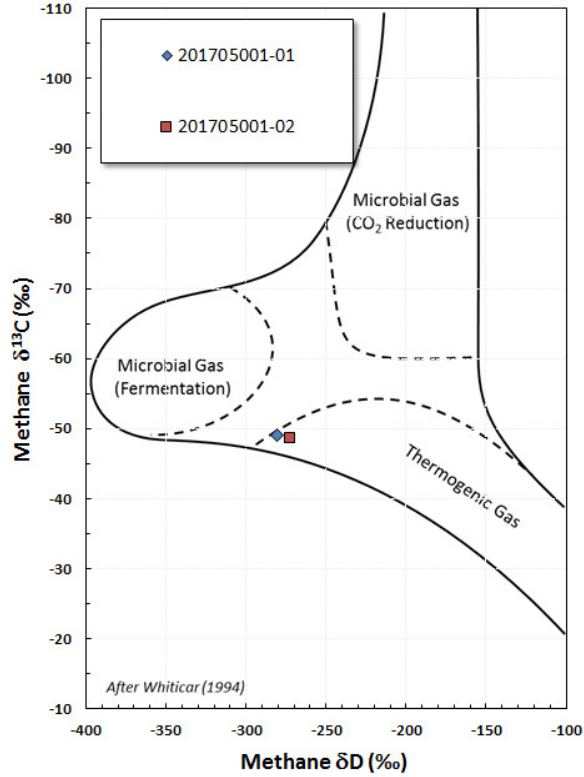


**Interpretive Plots by DIG**

**Haworth Ratio Plot – Hydrocarbon Type**



**Methane d13C vs dD Genetic Classification Plot**



**Methane d13c vs C1/ (C2+C3) Genetic Classification Plot**

