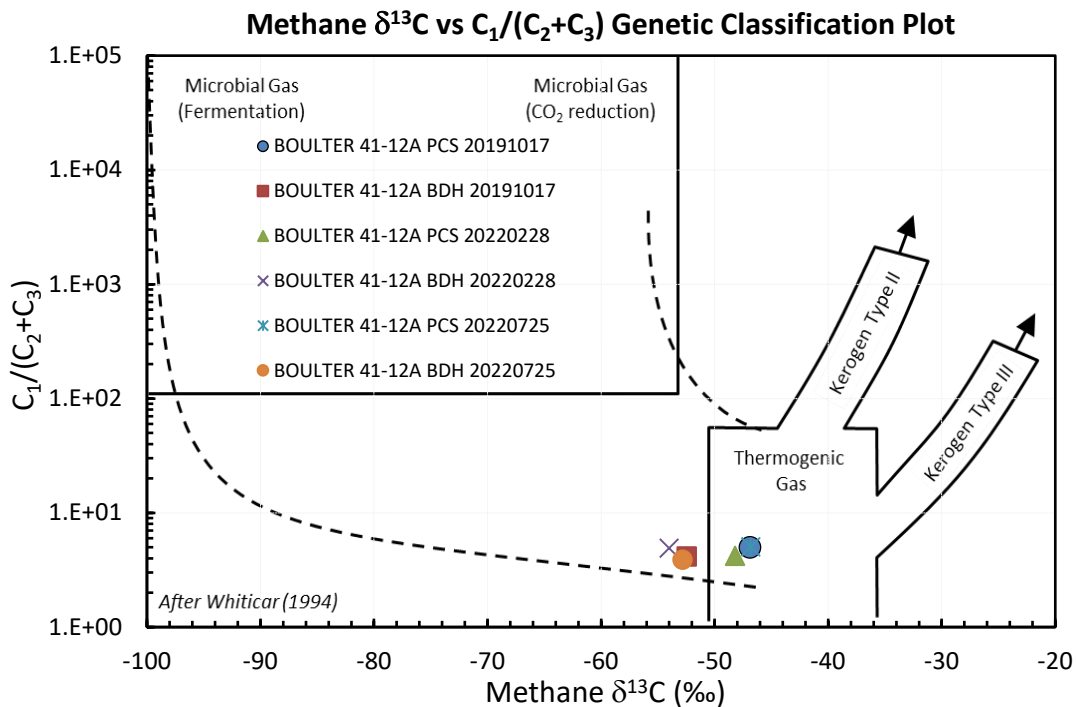
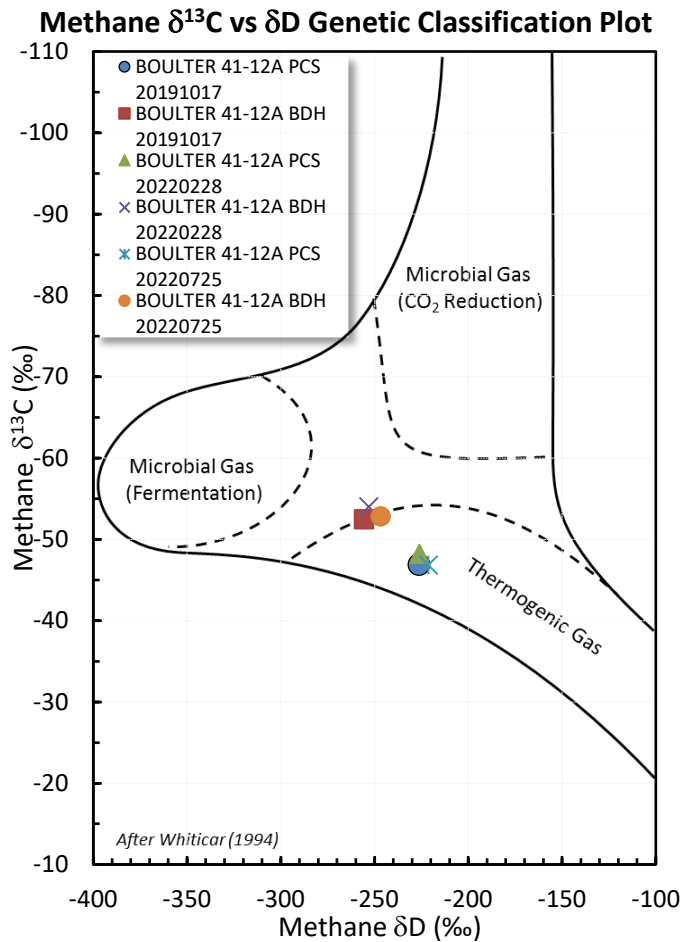
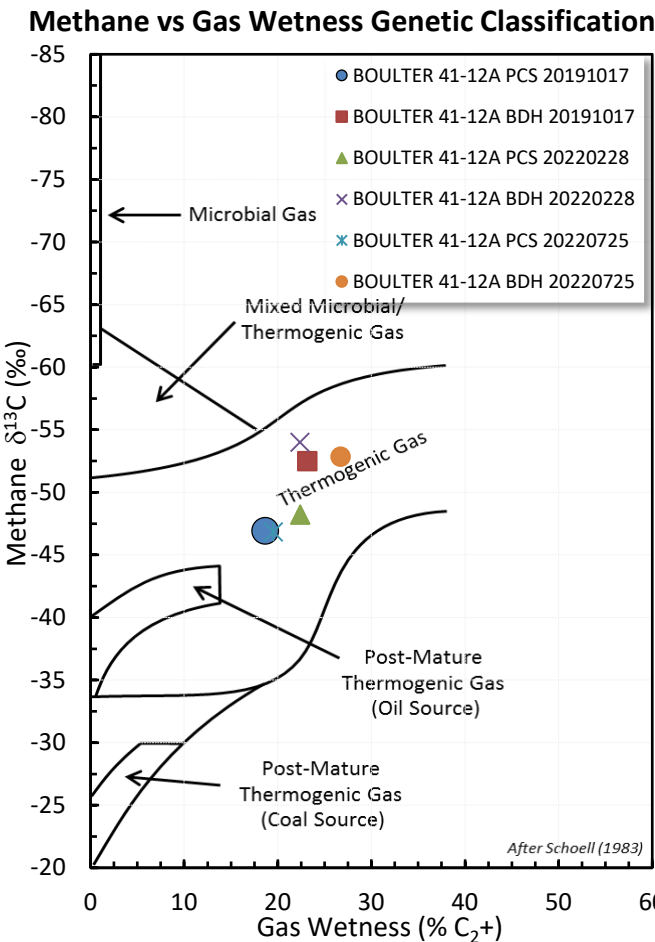
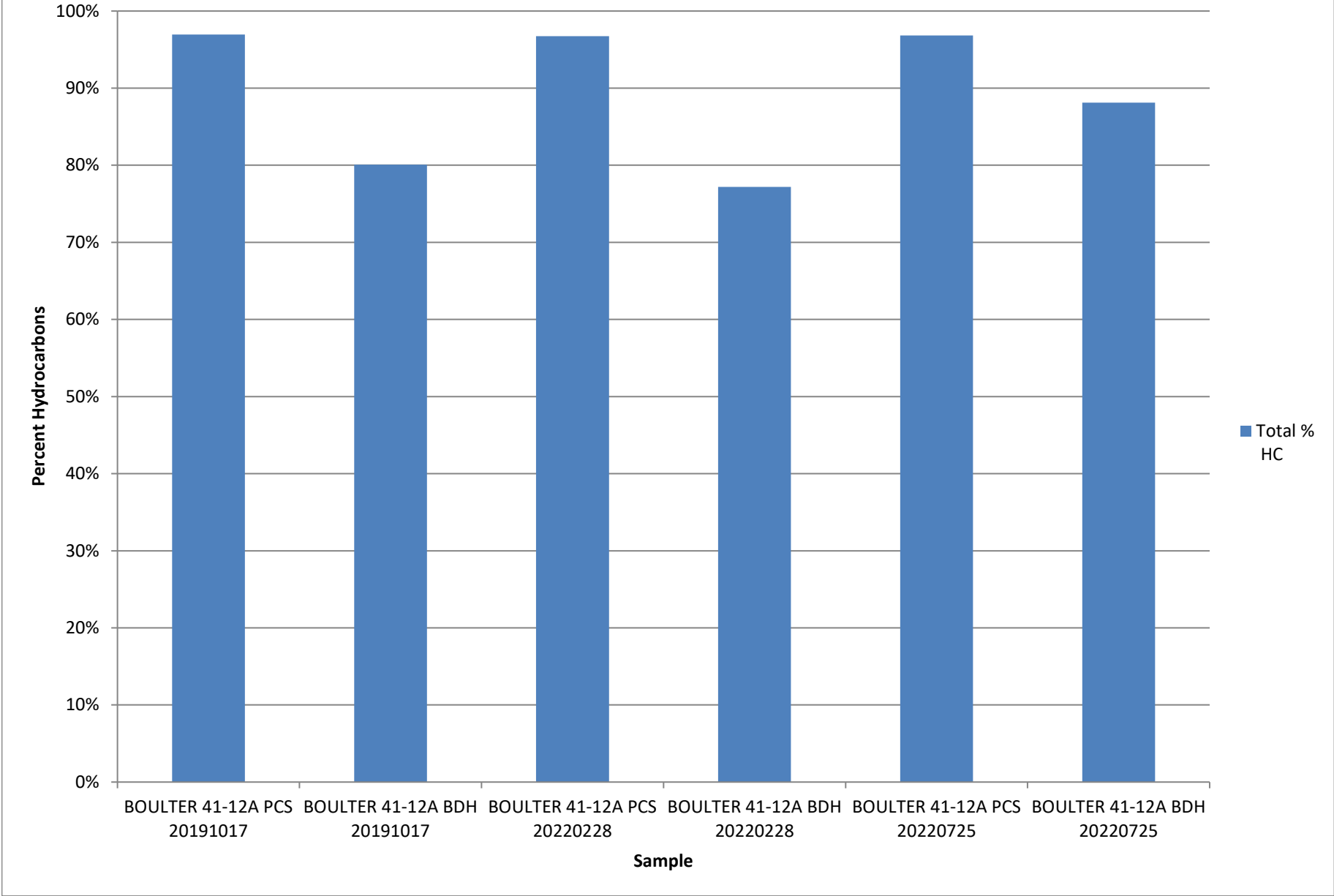


Stable Isotope Interpretive Plots



Total Percent Hydrocarbons



GAS COMPOSITION

GAS COMPOSITION (MOL %)

Parameter

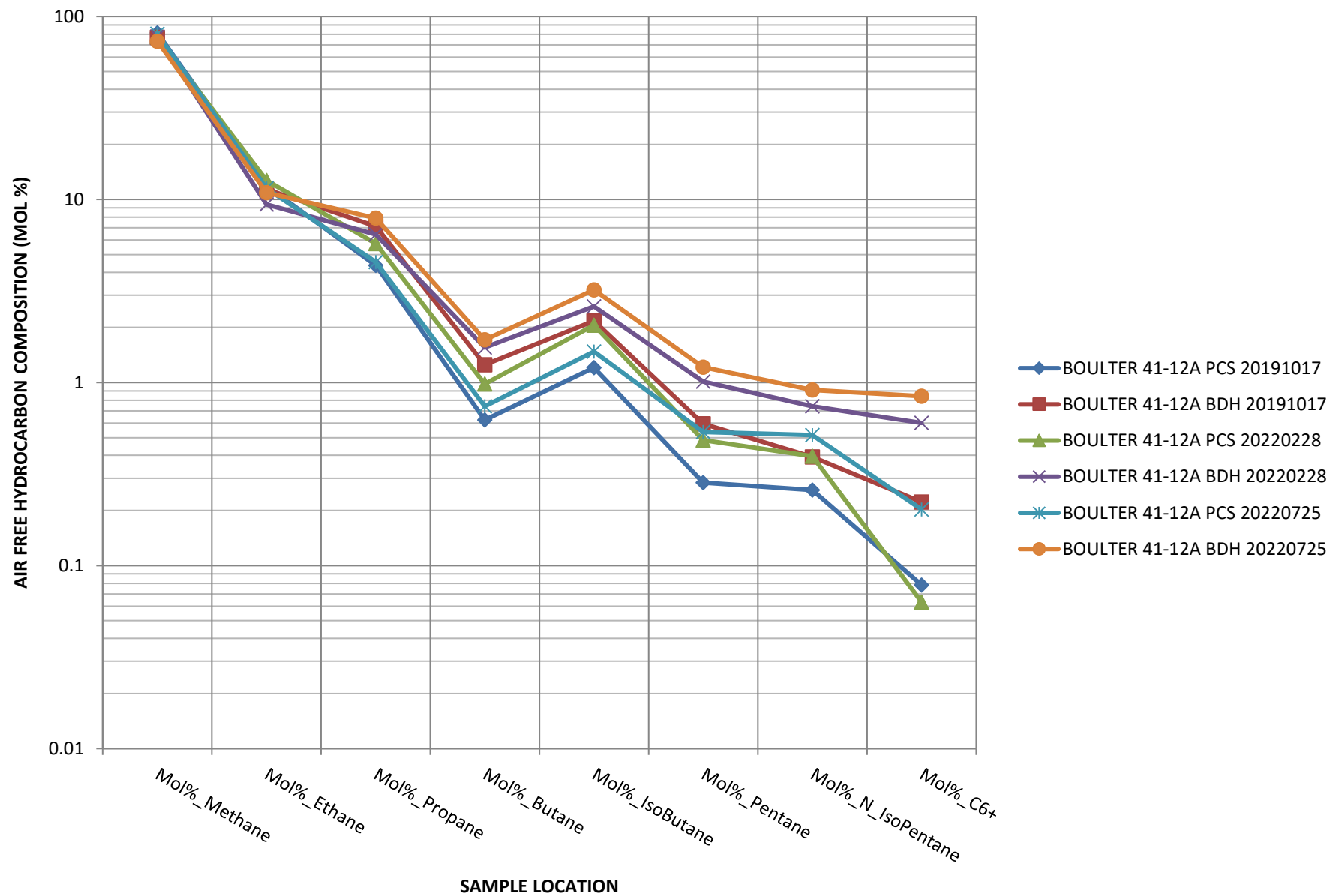
Legend:

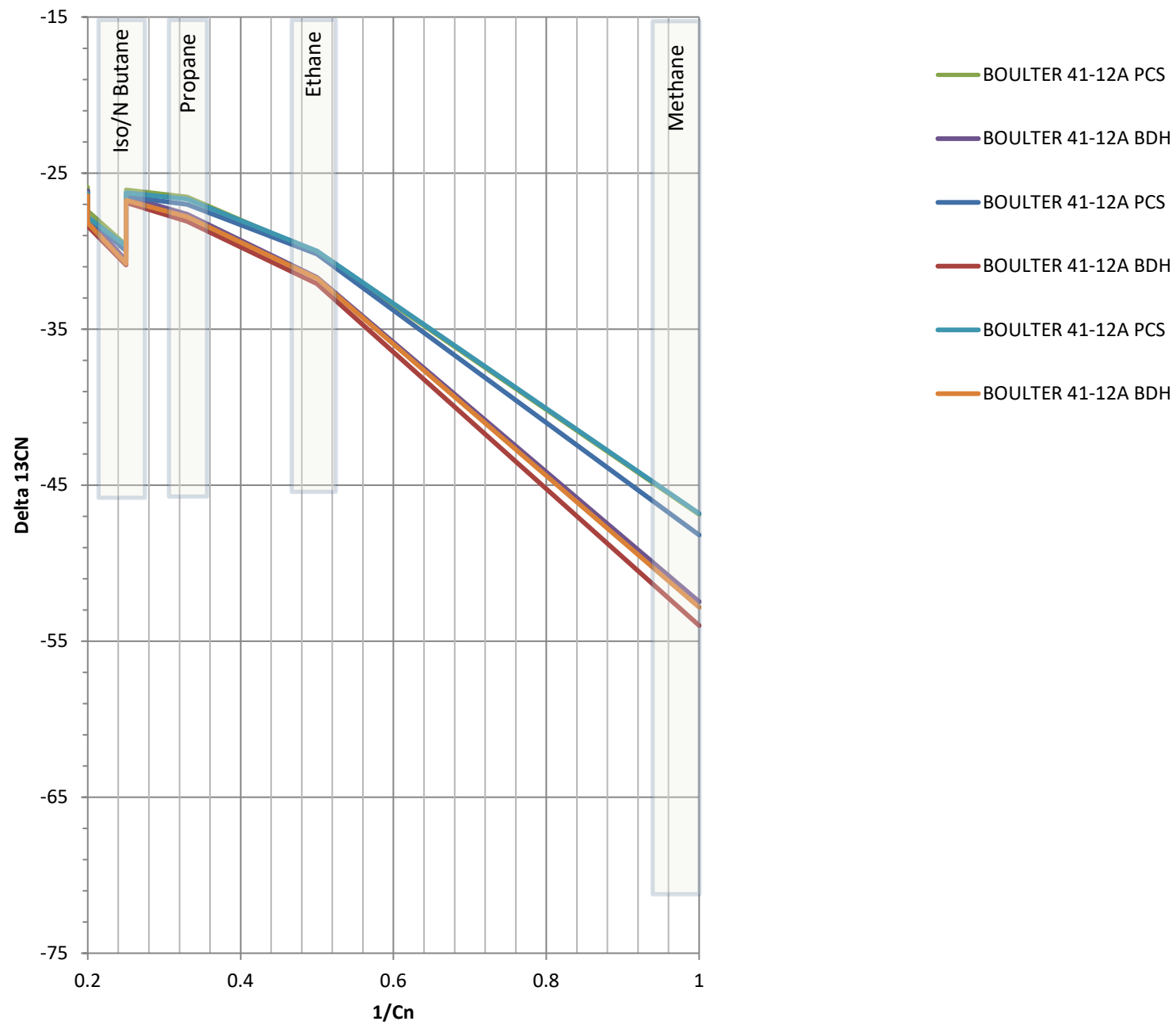
- BOULTER 41-12A PCS 20191017
- BOULTER 41-12A BDH 20191017
- BOULTER 41-12A PCS 20220228
- BOULTER 41-12A BDH 20220228
- BOULTER 41-12A PCS 20220725
- BOULTER 41-12A BDH 20220725

Parameter	BOULTER 41-12A PCS 20191017	BOULTER 41-12A BDH 20191017	BOULTER 41-12A PCS 20220228	BOULTER 41-12A BDH 20220228	BOULTER 41-12A PCS 20220725	BOULTER 41-12A BDH 20220725
Mol%_Nitrogen	0.4	15	0.4	18	0.3	10
Mol%_Oxygen	0.03	3	0.015	3	0.01	1
Mol%_Argon	0.001	0.18	0.001	0.18	0.001	0.11
Mol%_O2+AR	2.5	0.06	2.8	0.03	2.8	0.03
Mol%_CarbonDiOxide	0.001	0.055	0.001	0.15	0.001	0.08
Mol%_CarbonMonoxide	0.045	0.22	0.12	0.4	0.085	0.35
Mol%_Helium	0.001	0.001	0.001	0.001	0.001	0.001
Mol%_hydrogen	75	60	70	60	75	65
Mol%_Methane	11	9	12	7	11	9.5
Mol%_Ethane	4.5	5.5	5.5	5	4.5	7
Mol%_Propane	0.6	1	1	1.2	0.7	1.5
Mol%_Butane	1.2	1.8	2	2	1.4	2.8
Mol%_IsoButane	0.3	0.5	0.5	0.8	0.5	1.1
Mol%_N_Pentane	0.25	0.35	0.4	0.6	0.5	0.8
Mol%_C6+	0.075	0.18	0.065	0.5	0.2	0.75

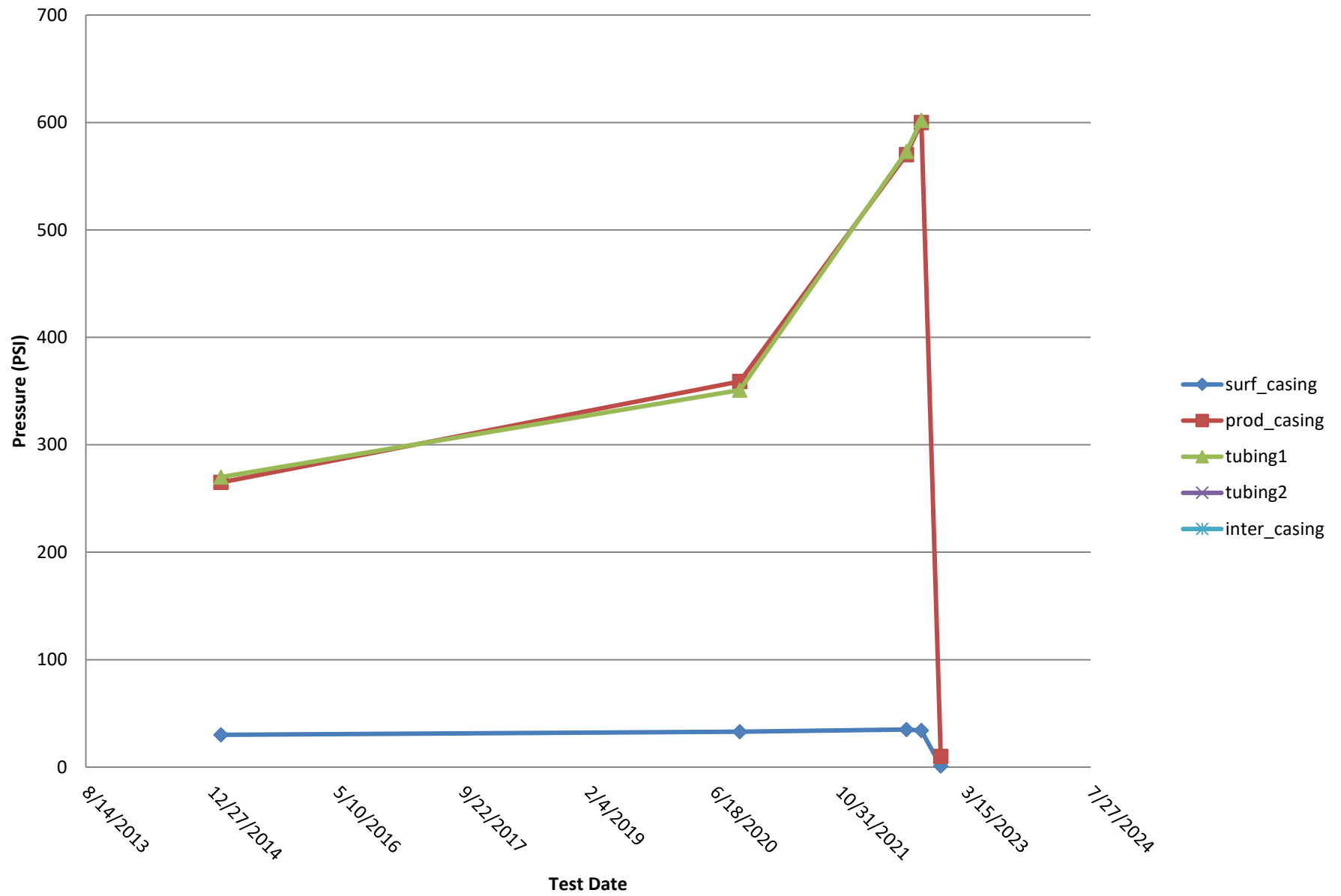
- BOULTER 41-12A PCS
20191017
- BOULTER 41-12A BDH
20191017
- BOULTER 41-12A PCS
20220228
- BOULTER 41-12A BDH
20220228
- BOULTER 41-12A PCS
20220725

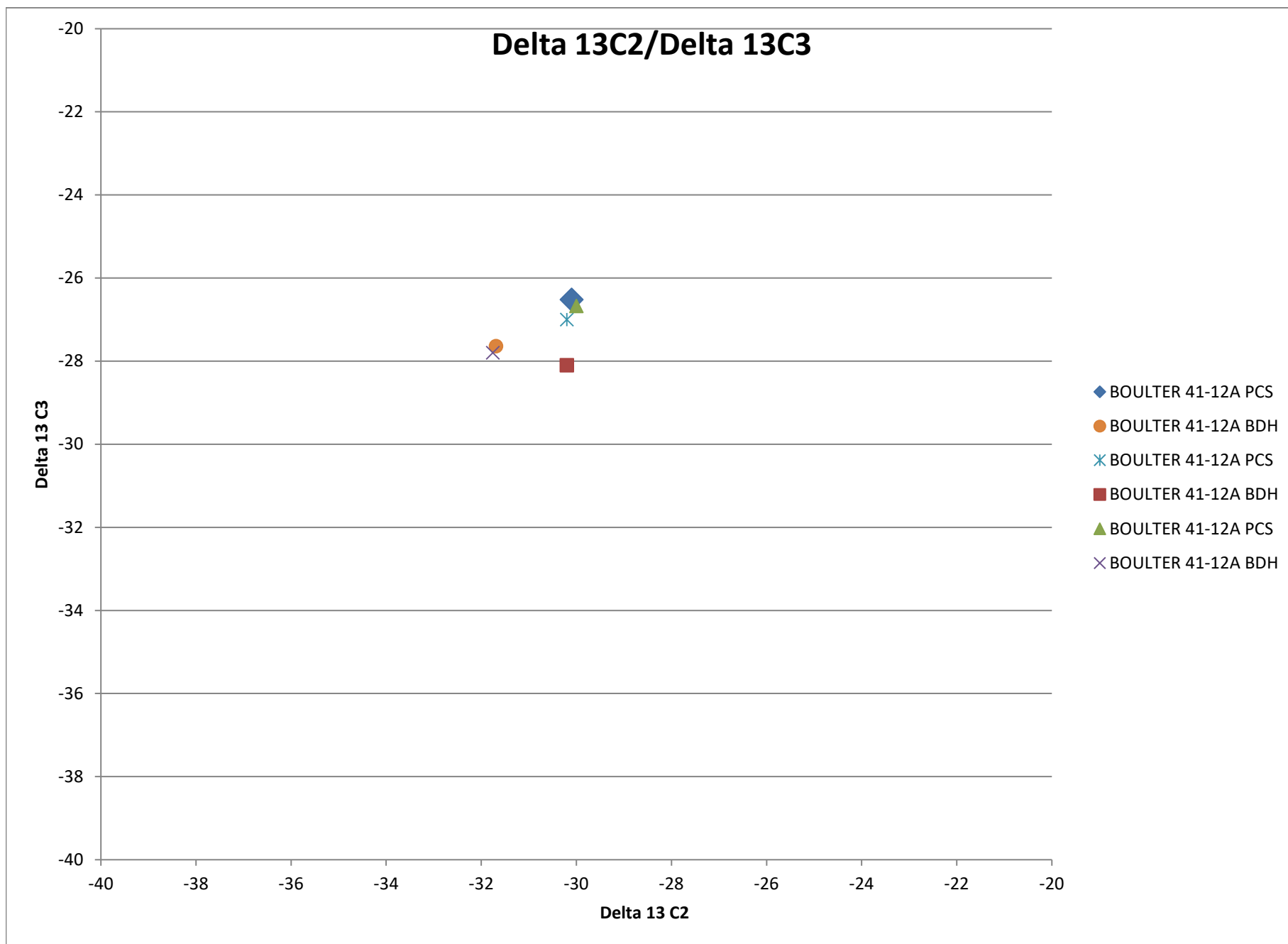
HYDROCARBON COMPOSITION



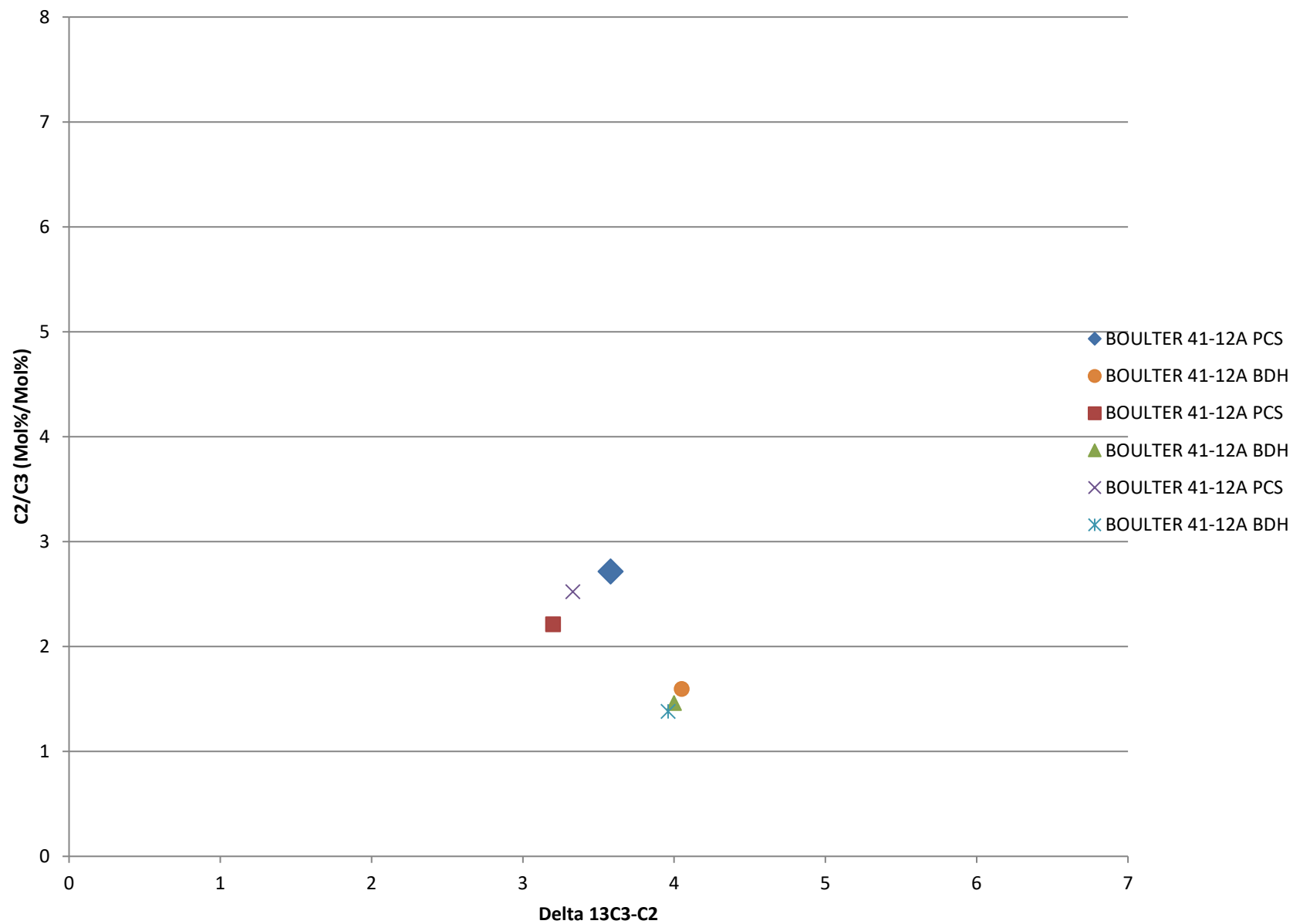


Bradenhead Test Summary





Delta13 C2/C3 vs. Delta 13C3-C2



Delta 13 IC4/ Delta NC4

