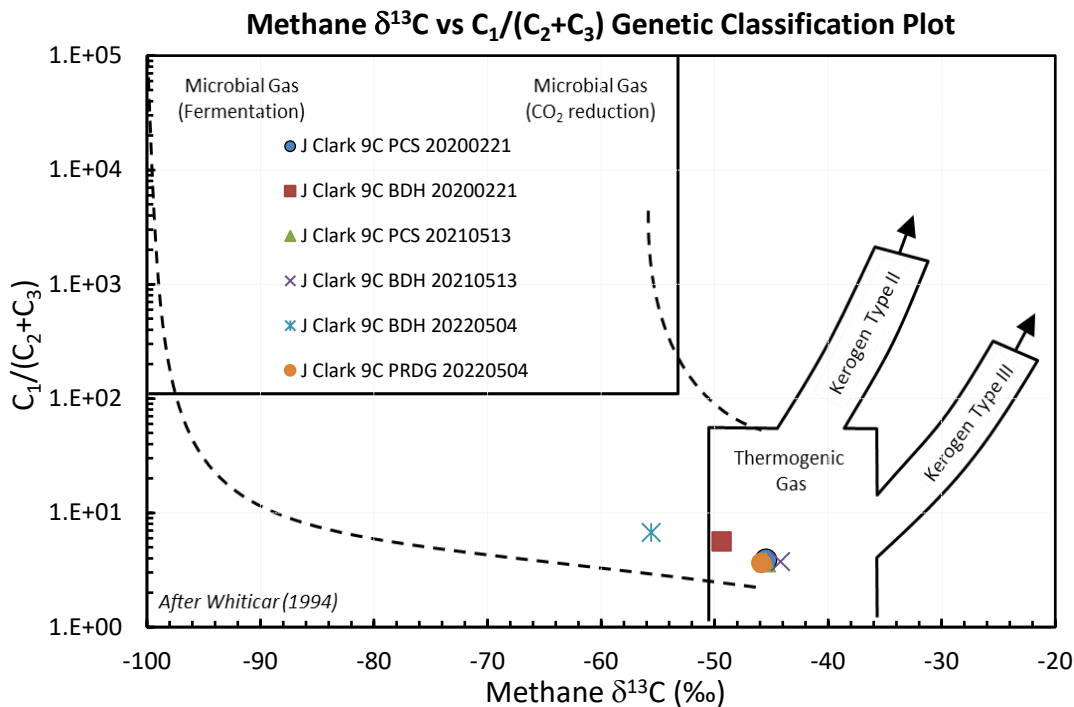
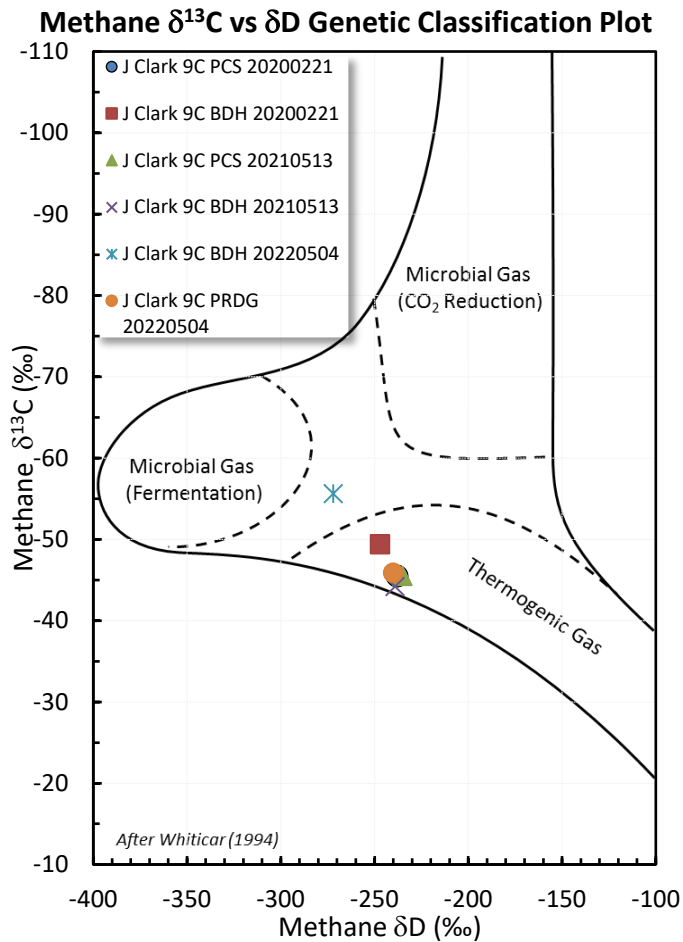
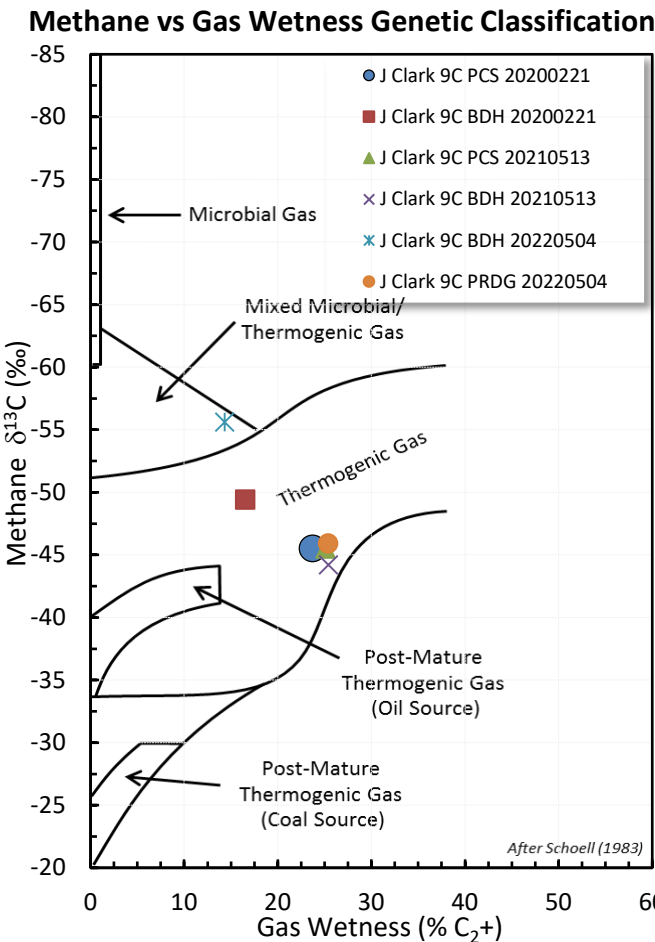
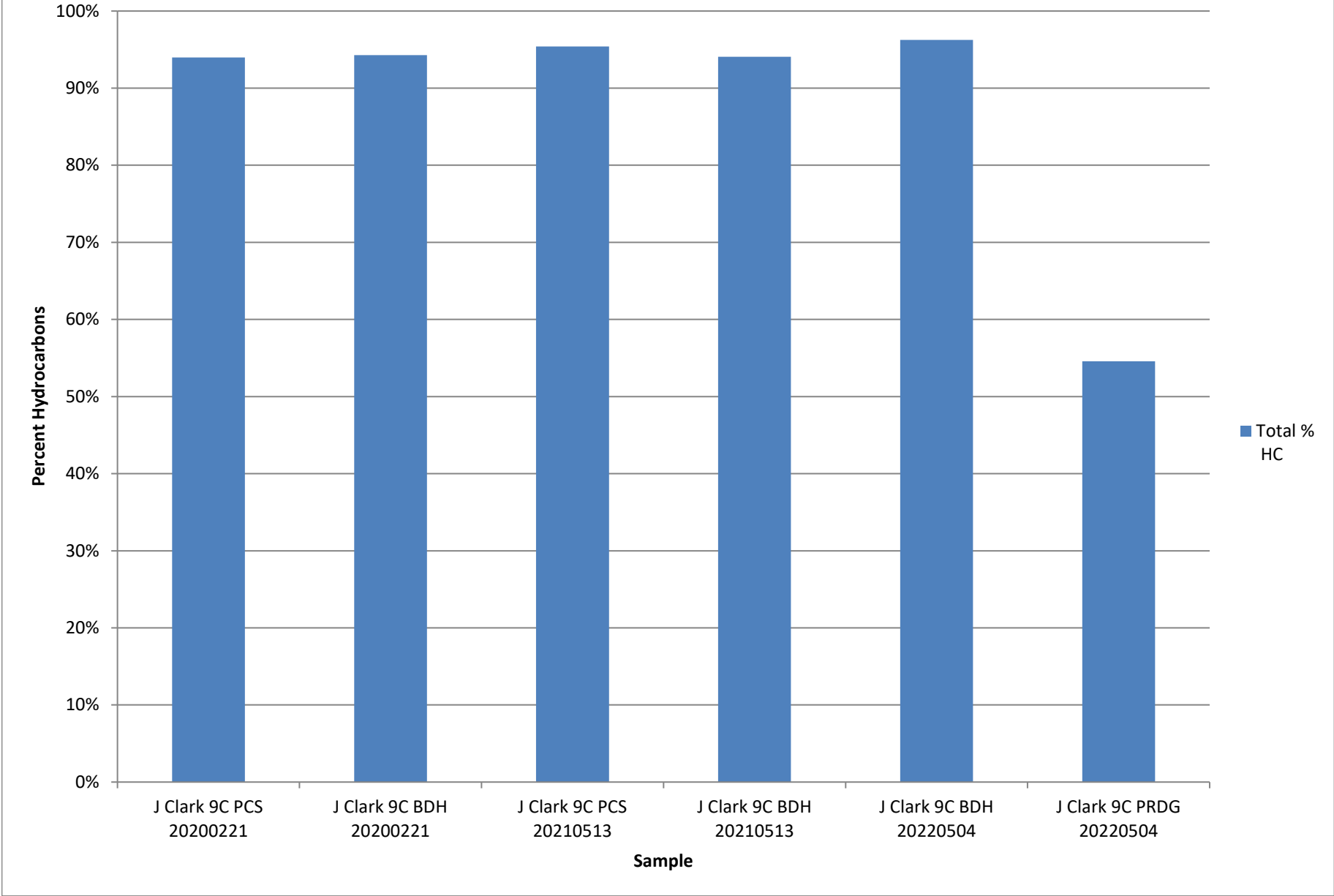


Stable Isotope Interpretive Plots



Total Percent Hydrocarbons



GAS COMPOSITION

GAS COMPOSITION (MOL %)

Parameter

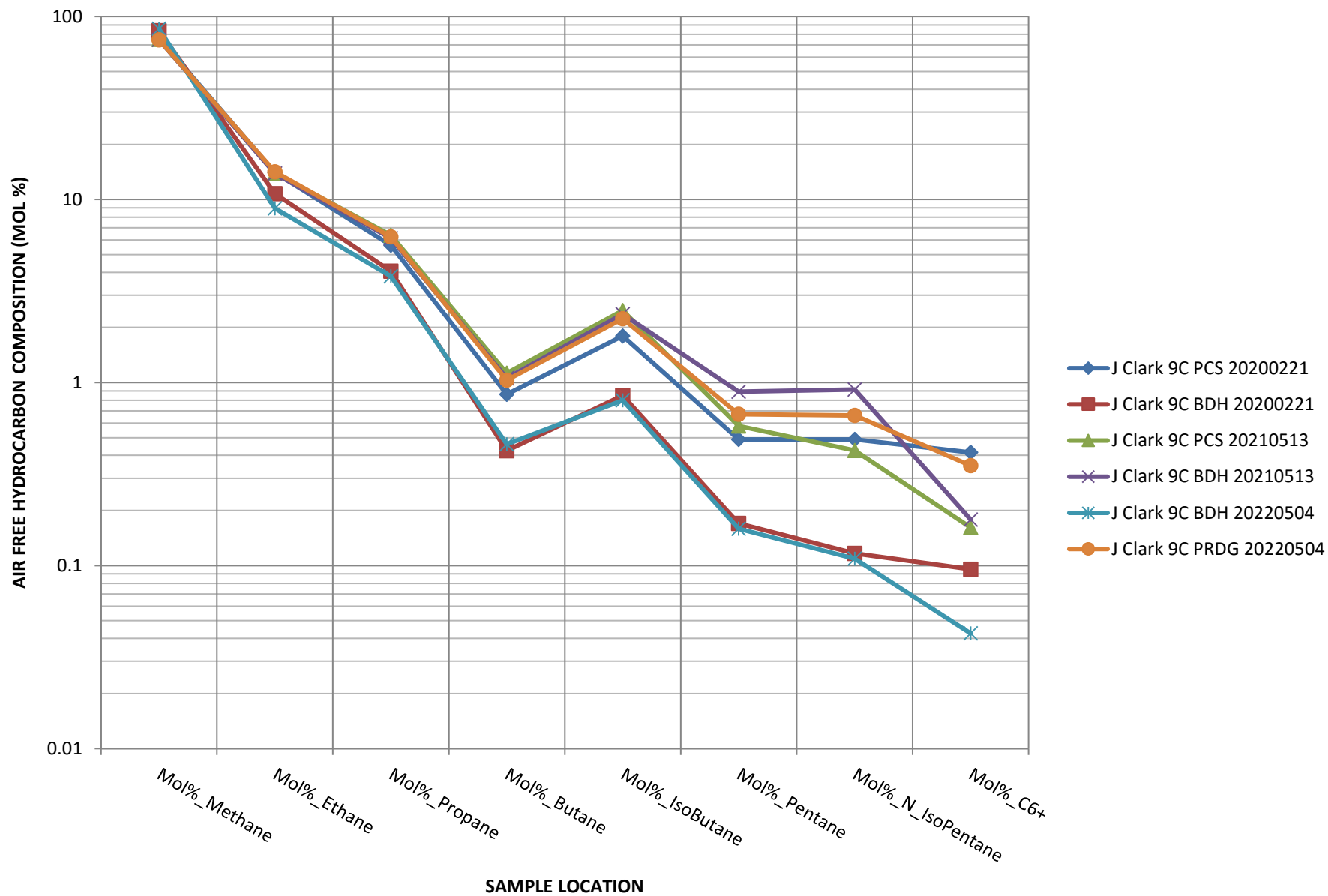
Legend:

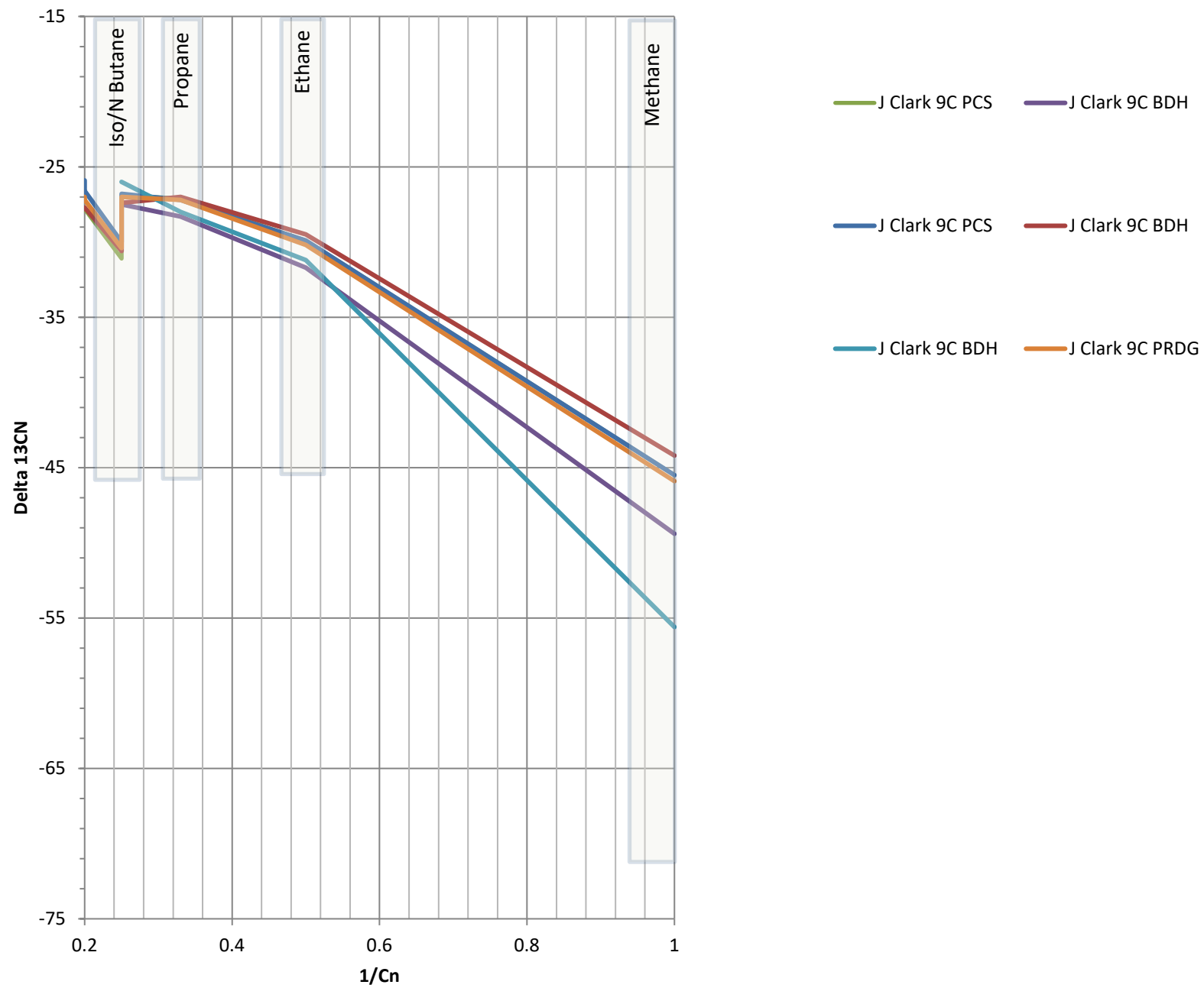
- J Clark 9C PCS 20200221
- J Clark 9C BDH 20200221
- J Clark 9C PCS 20210513
- J Clark 9C BDH 20210513
- J Clark 9C BDH 20220504
- J Clark 9C PRDG 20220504

Parameter	J Clark 9C PCS 20200221	J Clark 9C BDH 20200221	J Clark 9C PCS 20210513	J Clark 9C BDH 20210513	J Clark 9C BDH 20220504	J Clark 9C PRDG 20220504
Mol% Nitrogen	3.0	5.0	1.5	2.5	3.5	35.0
Mol% Oxygen	0.7	0.9	0.4	0.6	0.5	0.0
Mol% Argon	0.5	0.0	0.0	0.0	0.0	9.0
Mol% O2+AR	2.5	0.03	2.5	2.5	0.015	1.5
Mol% CarbonDioxide	0.0	0.0	0.0	0.0	0.0	0.0
Mol% Helium	0.0	0.0	0.0	0.0	0.0	0.0
Mol% hydrogen	70.0	80.0	70.0	70.0	80.0	40.0
Mol% Methane	12.0	10.0	12.0	12.0	8.0	7.0
Mol% Ethane	5.0	4.0	6.0	6.0	4.0	3.5
Mol% Propane	0.8	0.4	1.0	1.0	0.5	0.5
Mol% Butane	1.5	0.8	2.5	2.0	0.8	1.2
Mol% IsoButane	0.5	0.15	0.5	0.8	0.15	0.4
Mol% N_Pentane	0.45	0.11	0.4	0.85	0.1	0.4
Mol% IsoPentane	0.4	0.09	0.15	0.18	0.04	0.18
Mol% C6+	0.04	0.0	0.0	0.0	0.0	0.0

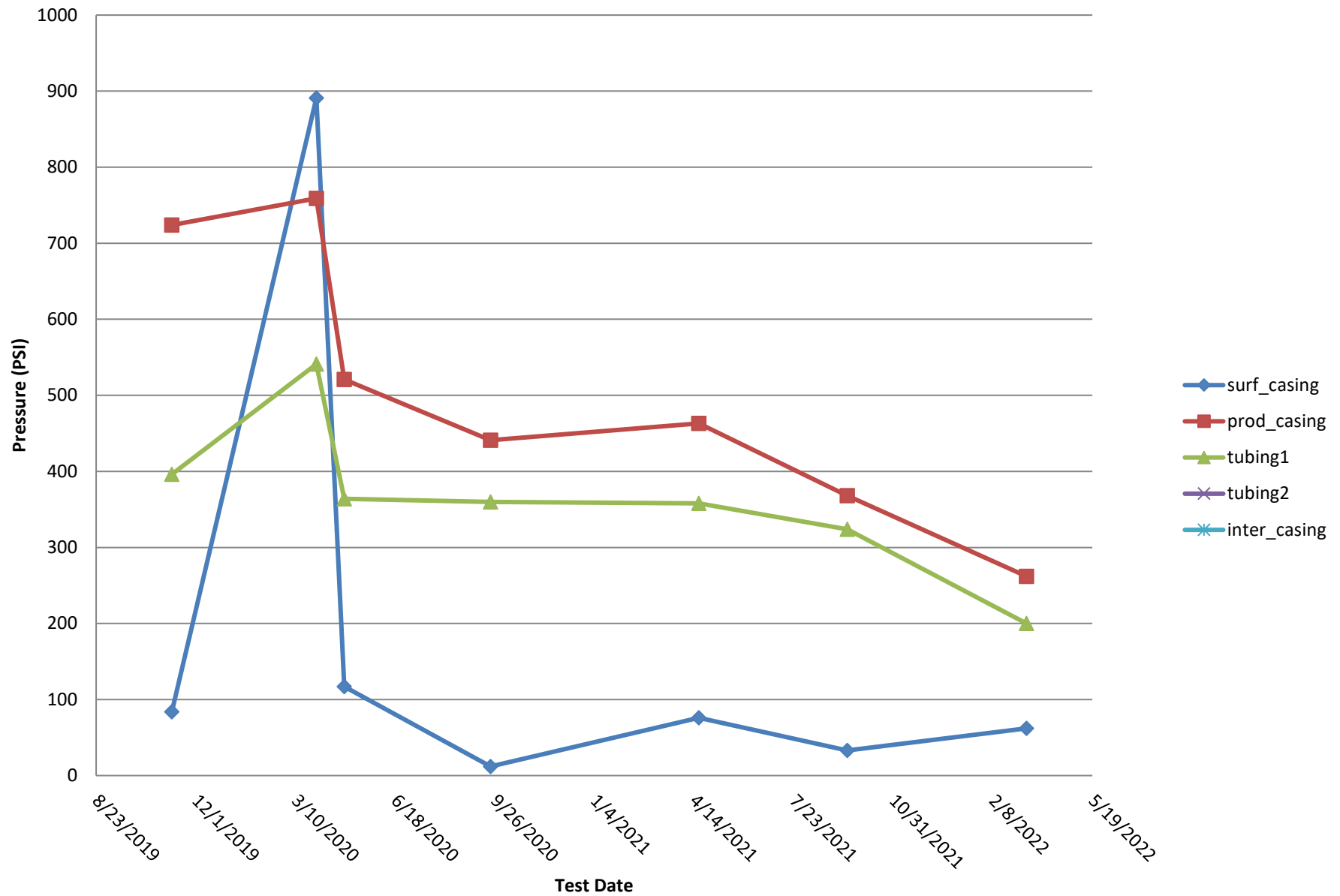
- J Clark 9C PCS 20200221
- J Clark 9C BDH 20200221
- J Clark 9C PCS 20210513
- J Clark 9C BDH 20210513
- J Clark 9C BDH 20220504
- J Clark 9C PRDG 20220504

HYDROCARBON COMPOSITION

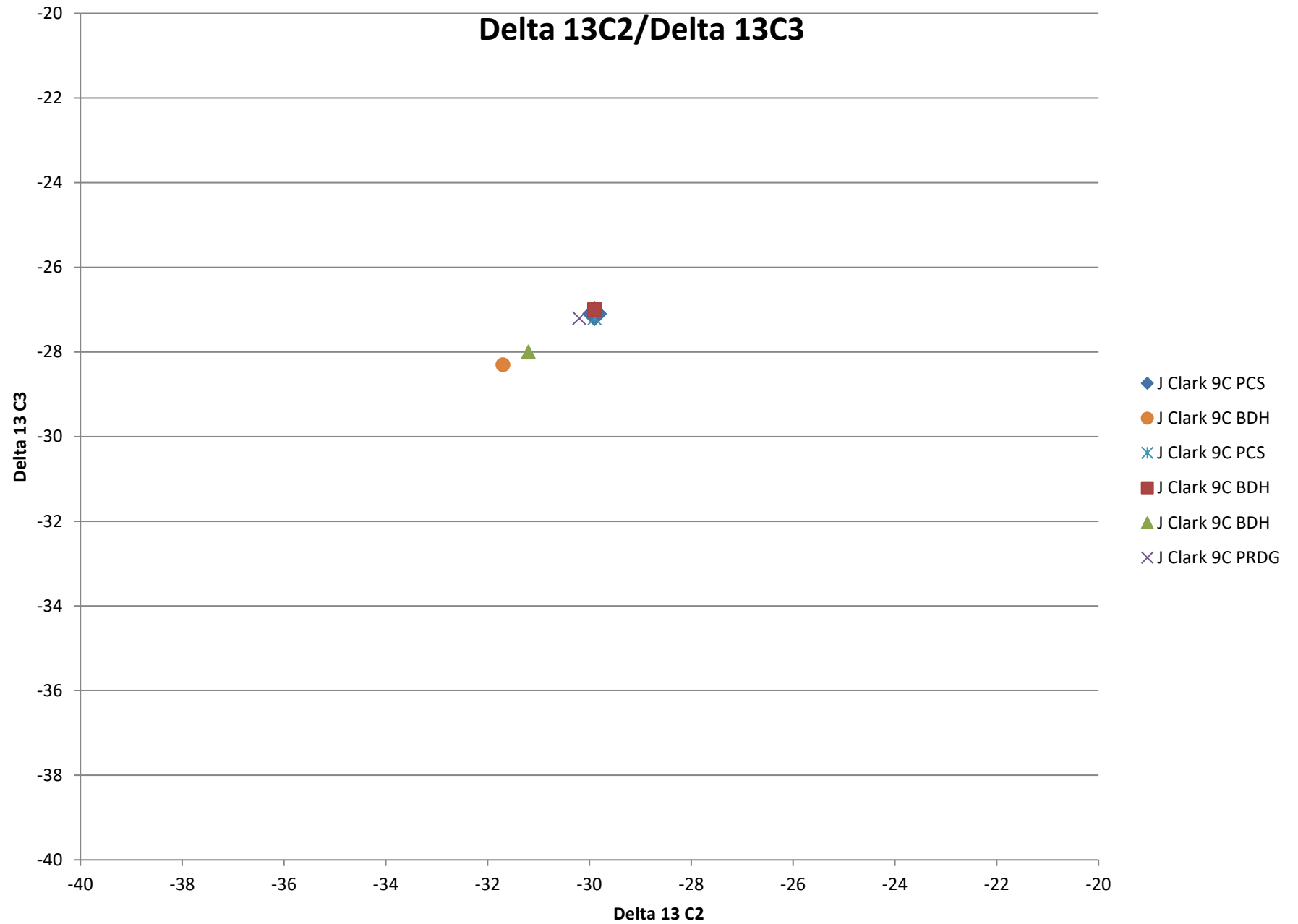




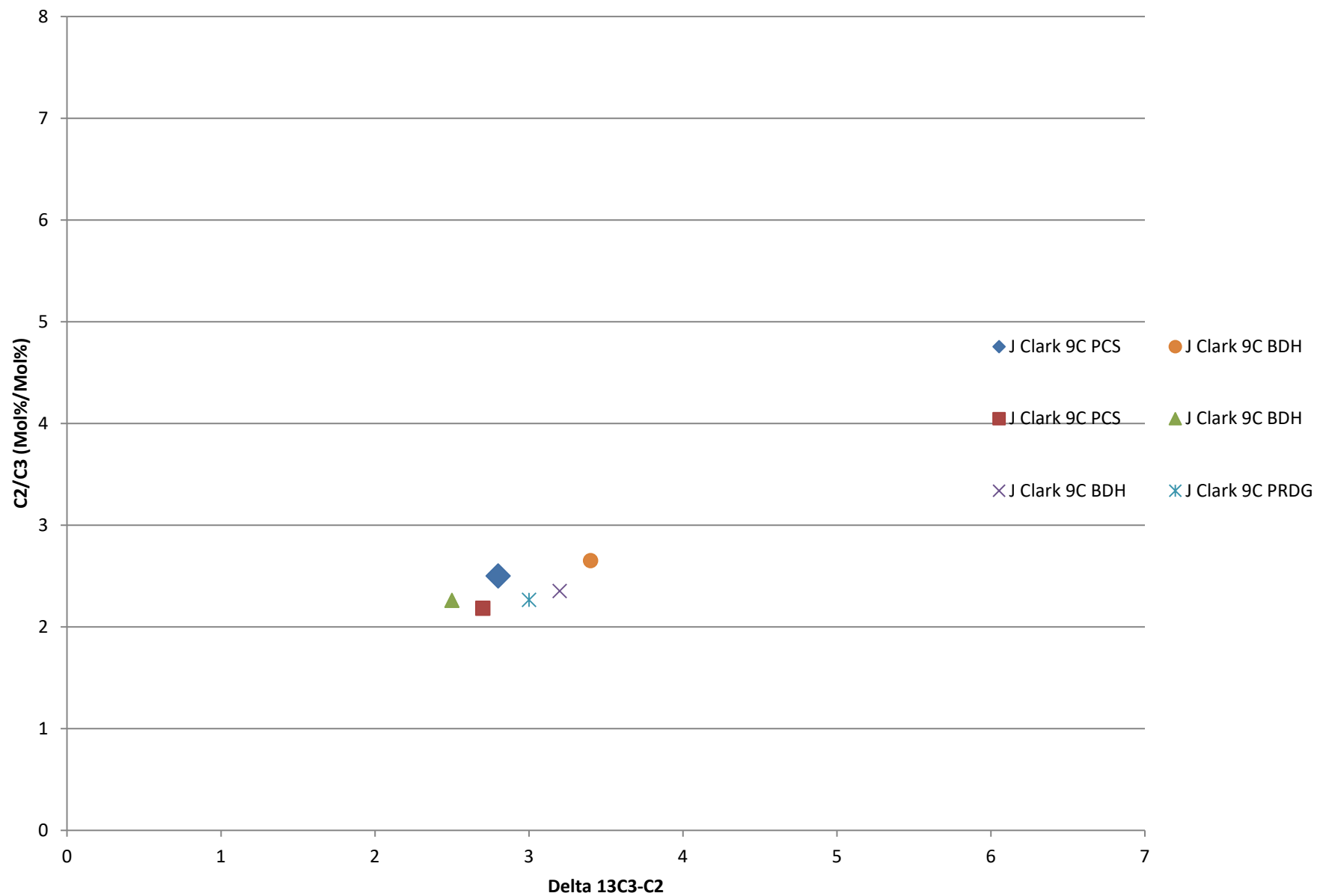
Bradenhead Test Summary



Delta 13C2/Delta 13C3



Delta13 C2/C3 vs. Delta 13C3-C2



Delta 13 IC4/ Delta NC4

