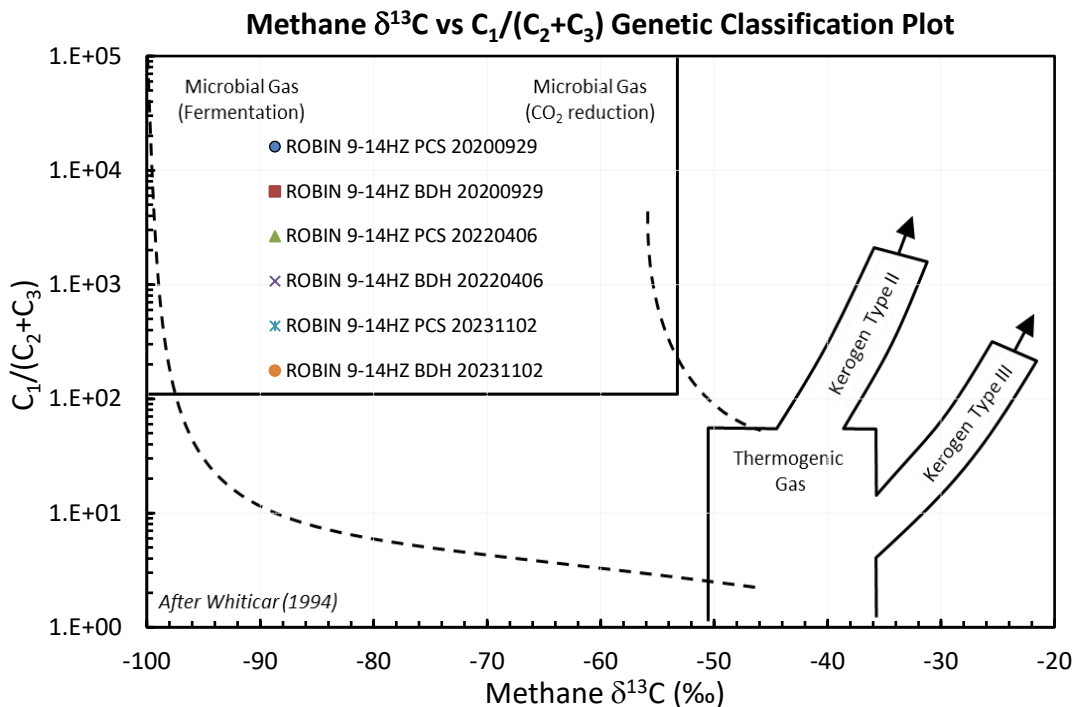
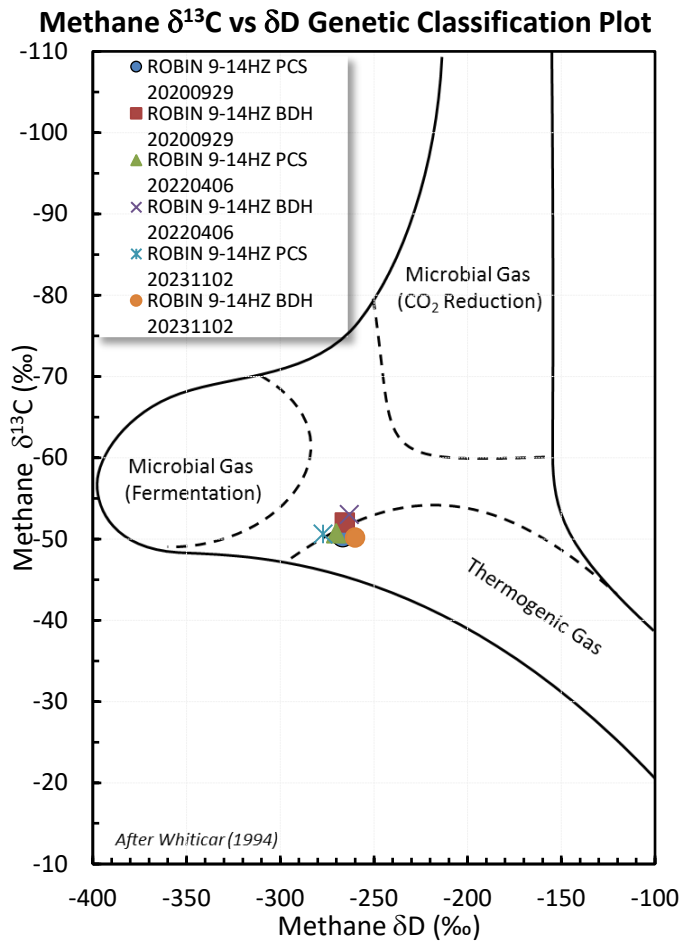
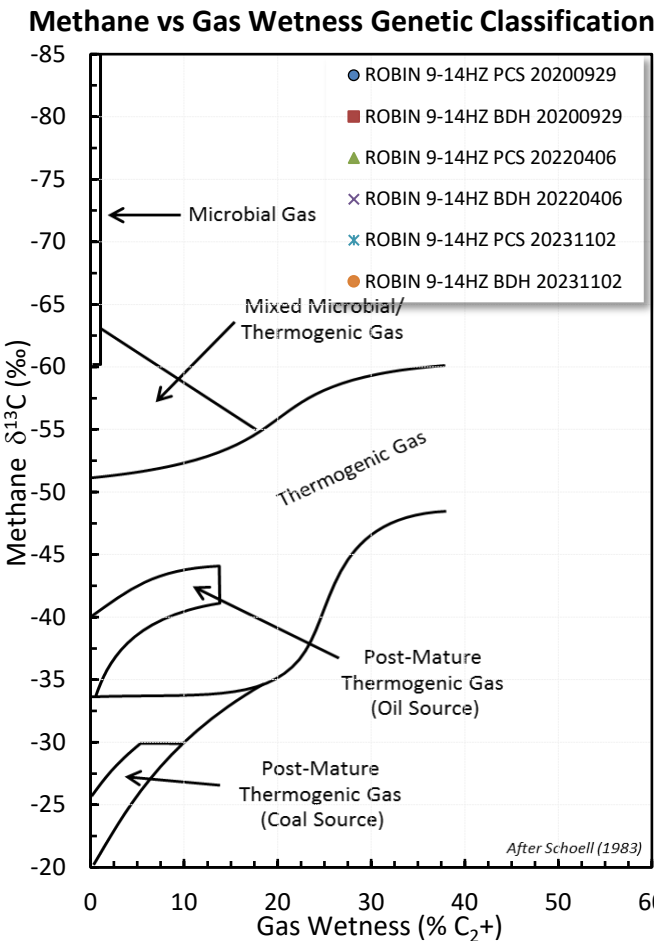
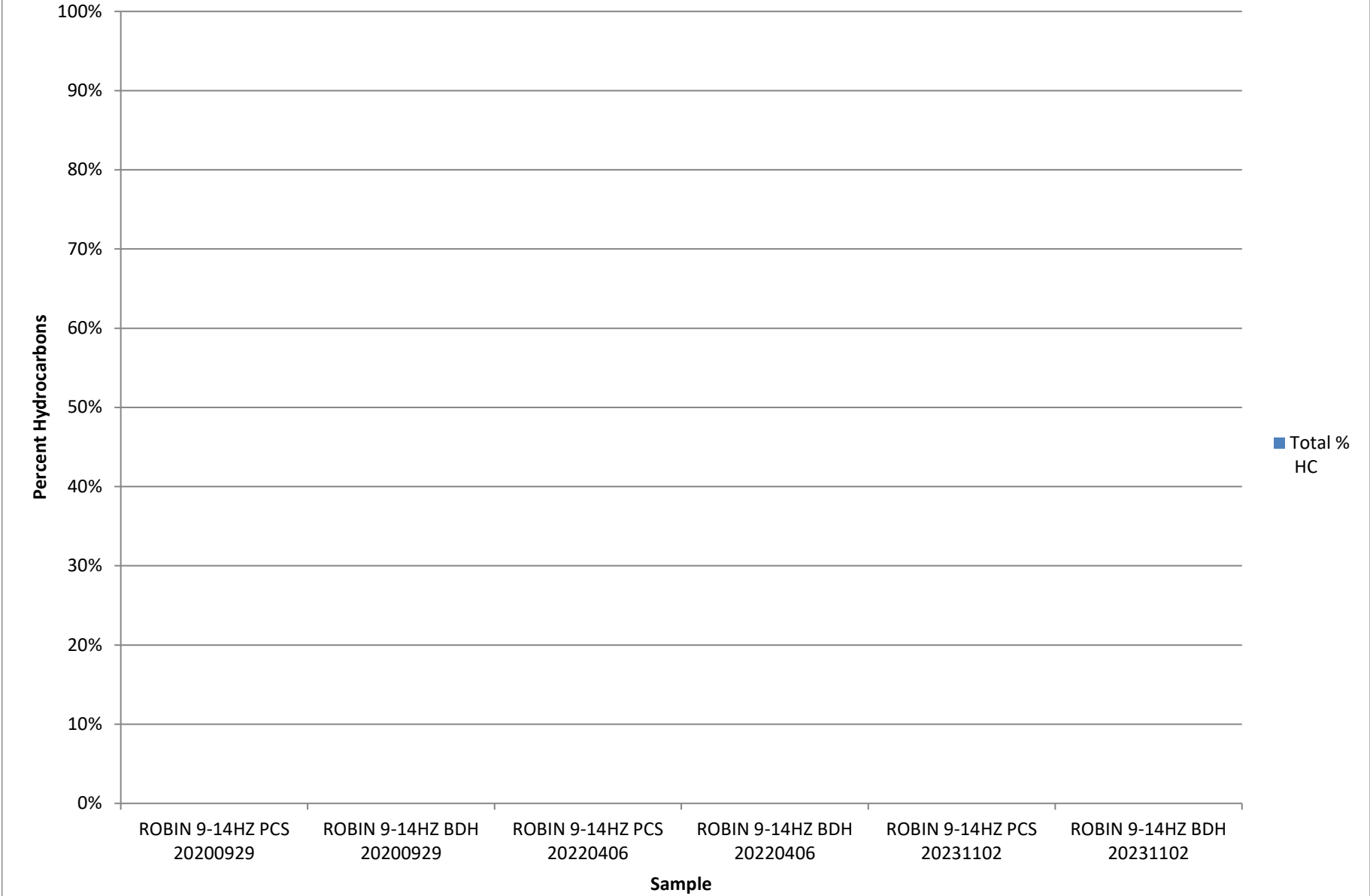


Stable Isotope Interpretive Plots



Total Percent Hydrocarbons



GAS COMPOSITION

Y-axis: GAS COMPOSITION (MOL %)

X-axis: Parameter

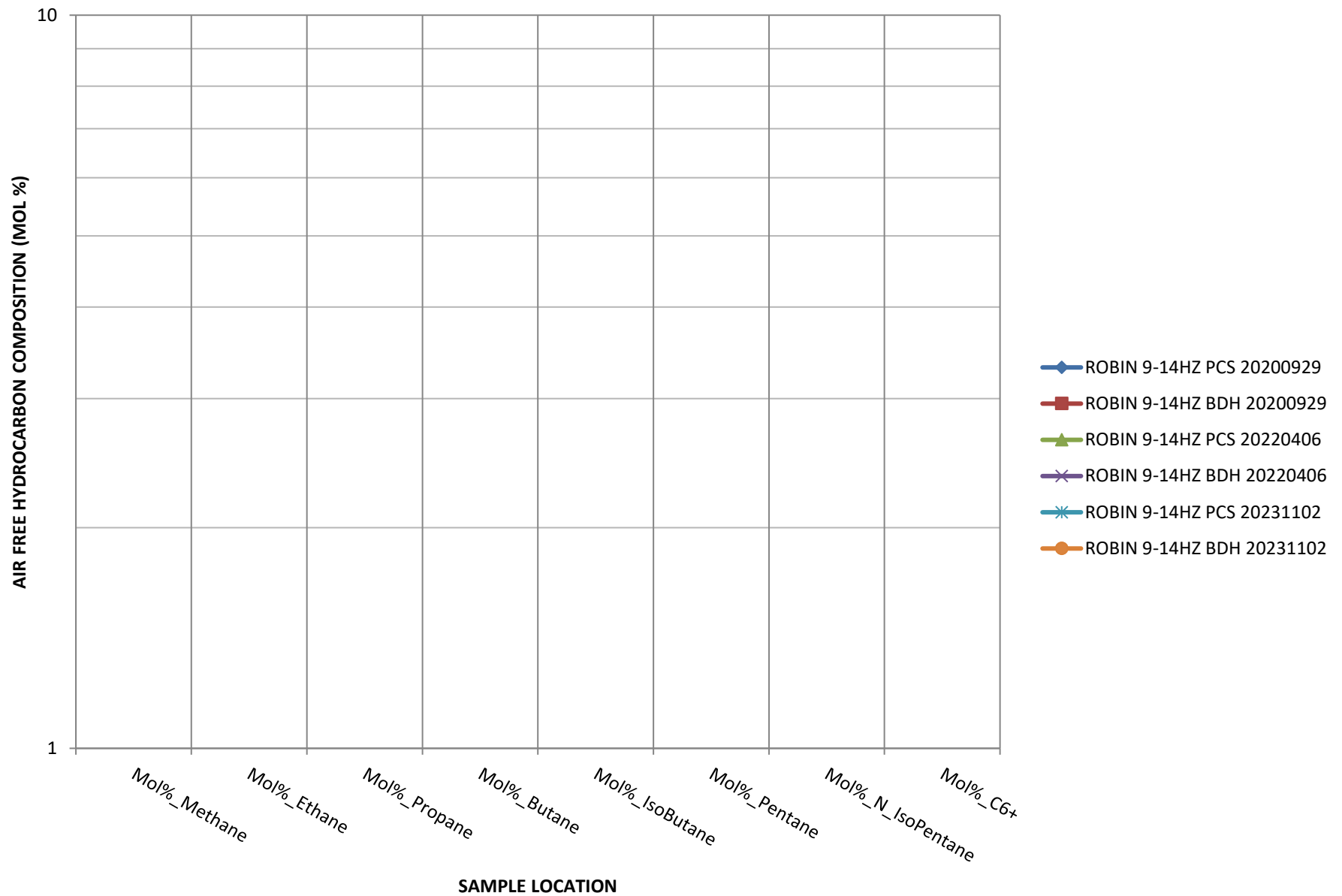
Legend:

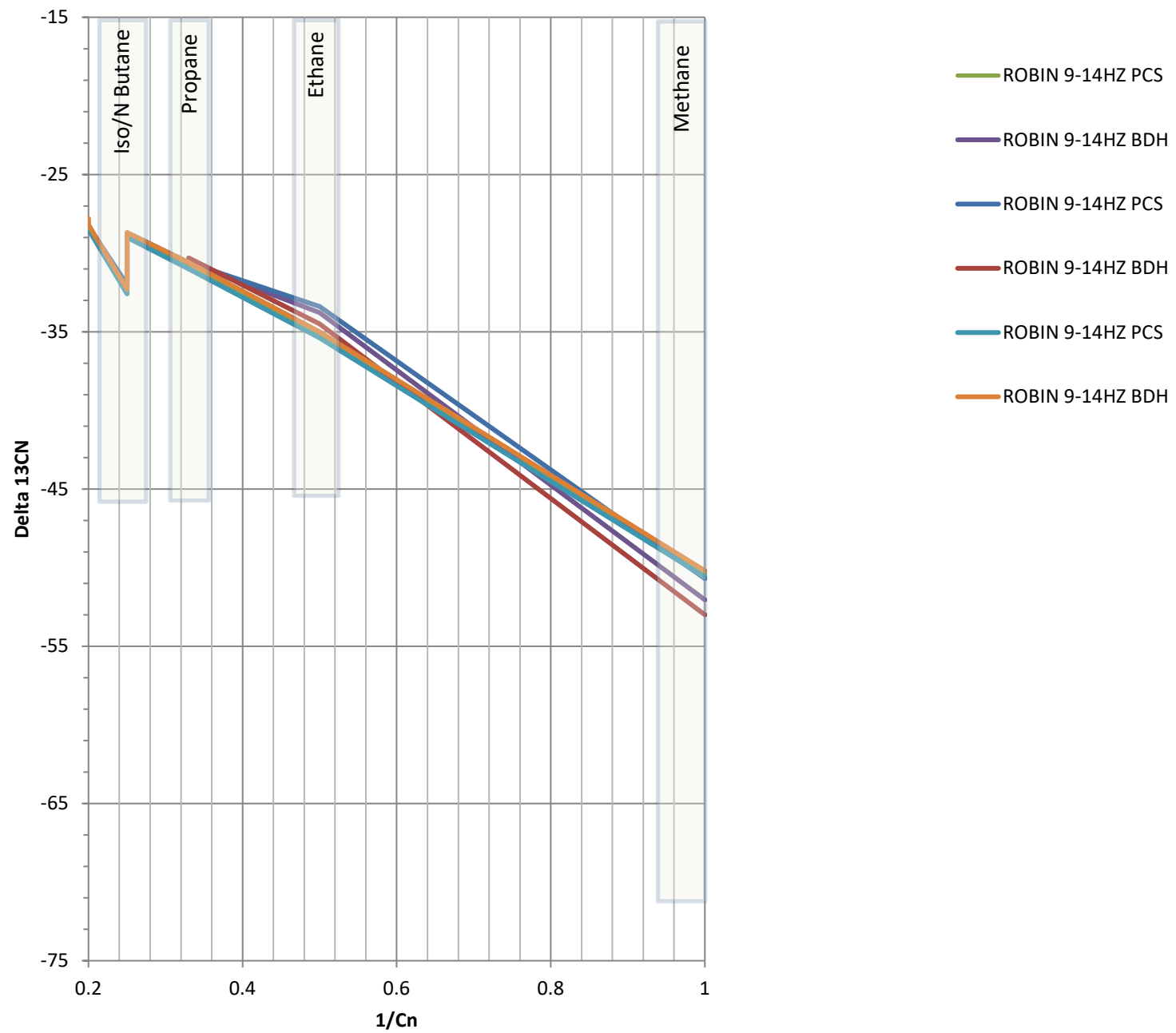
- ROBIN 9-14HZ PCS 20200929
- ROBIN 9-14HZ BDH 20200929
- ROBIN 9-14HZ PCS 20220406
- ROBIN 9-14HZ BDH 20220406
- ROBIN 9-14HZ PCS 20231102
- ROBIN 9-14HZ BDH 20231102

Parameter	ROBIN 9-14HZ PCS 20200929	ROBIN 9-14HZ BDH 20200929	ROBIN 9-14HZ PCS 20220406	ROBIN 9-14HZ BDH 20220406	ROBIN 9-14HZ PCS 20231102	ROBIN 9-14HZ BDH 20231102
Mol%_Nitrogen	0.7	3.0	0.9	3.5	0.6	75
Mol%_Oxygen	0.02	0.045	0.01	0.015	0.01	20
Mol%_Argon	0.01	0.025	0.01	0.025	0.01	0.9
Mol%_O2+AR	1.8	0.01	1.5	0.01	1.8	0.09
Mol%_CarbonDiOxide	0.015	0.045	0.015	0.055	0.012	0.012
Mol%_CarbonMonoxide	0.01	0.01	0.01	0.01	0.01	0.01
Mol%_Helium	0.01	3.5	0.01	3.5	0.01	0.01
Mol%_hydrogen	70	90	90	95	70	0.4
Mol%_Methane	13	0.9	0.6	1.0	13	0.13
Mol%_Ethane	7.5	0.45	0.8	0.3	7.5	0.15
Mol%_Propane	2.0	0.01	1.1	0.01	2.2	0.09
Mol%_Butane	0.85	0.01	0.35	0.01	0.85	0.03
Mol%_IsoButane	0.45	0.01	0.45	0.01	0.5	0.04
Mol%_N_Pentane	0.45	0.01	0.4	0.01	0.45	0.03
Mol%_IsoPentane	0.25	0.01	0.35	0.01	0.4	0.07
Mol%_C6+	0.01	0.01	0.01	0.01	0.01	0.01

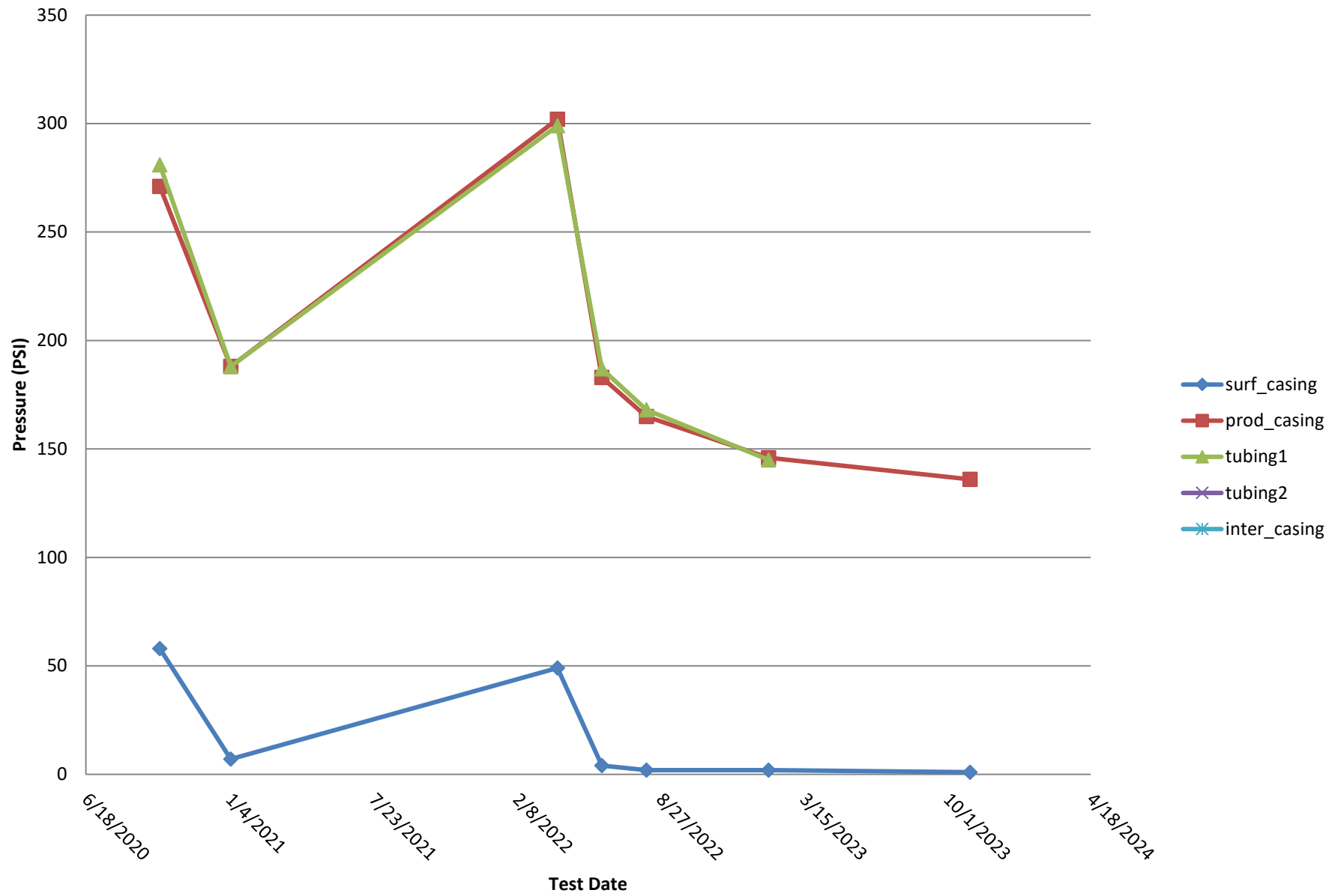
- ROBIN 9-14HZ PCS 20200929
- ROBIN 9-14HZ BDH 20200929
- ROBIN 9-14HZ PCS 20220406
- ROBIN 9-14HZ BDH 20220406
- ROBIN 9-14HZ PCS 20231102
- ROBIN 9-14HZ BDH 20231102

HYDROCARBON COMPOSITION





Bradenhead Test Summary

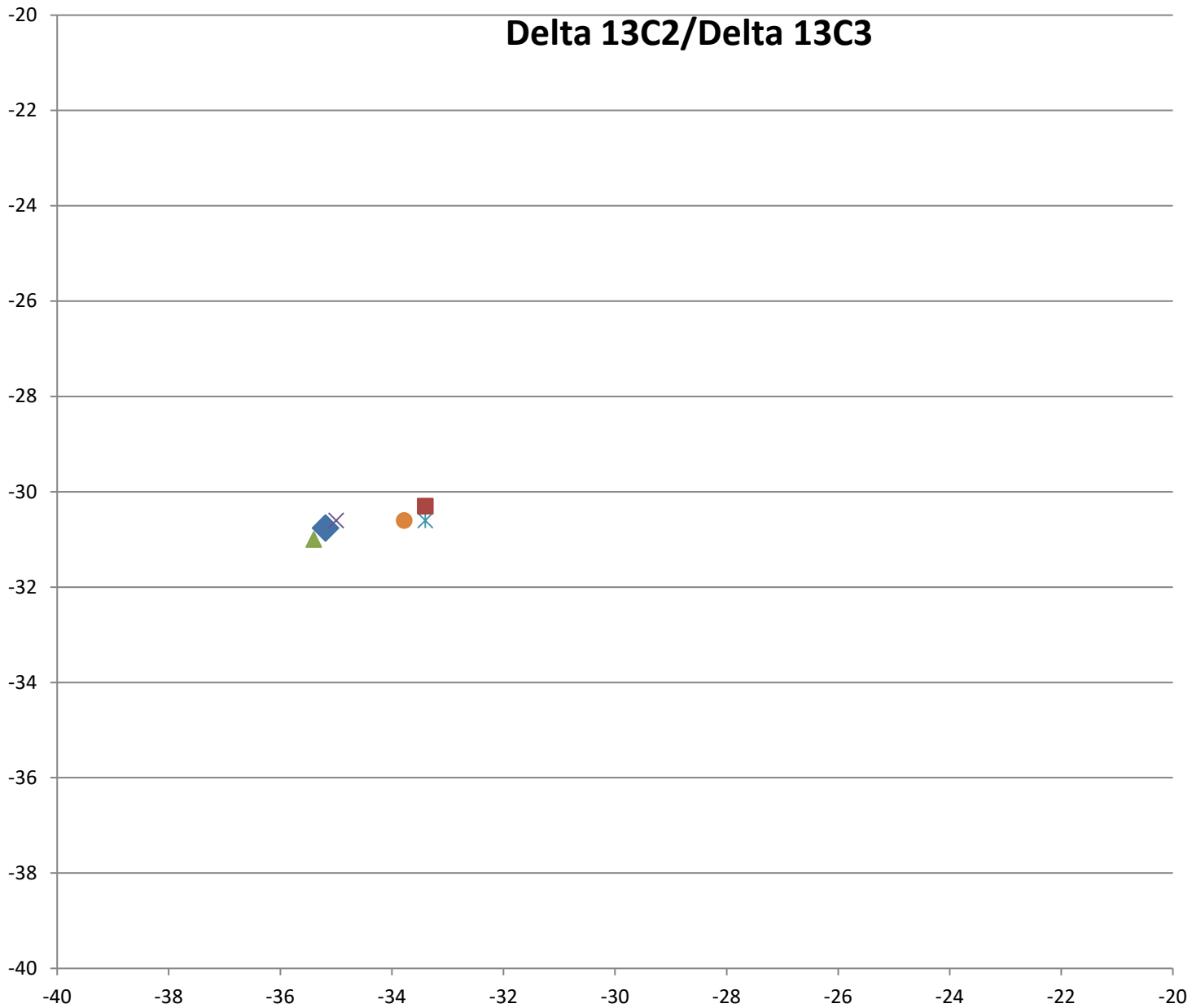


Delta 13C2/Delta 13C3

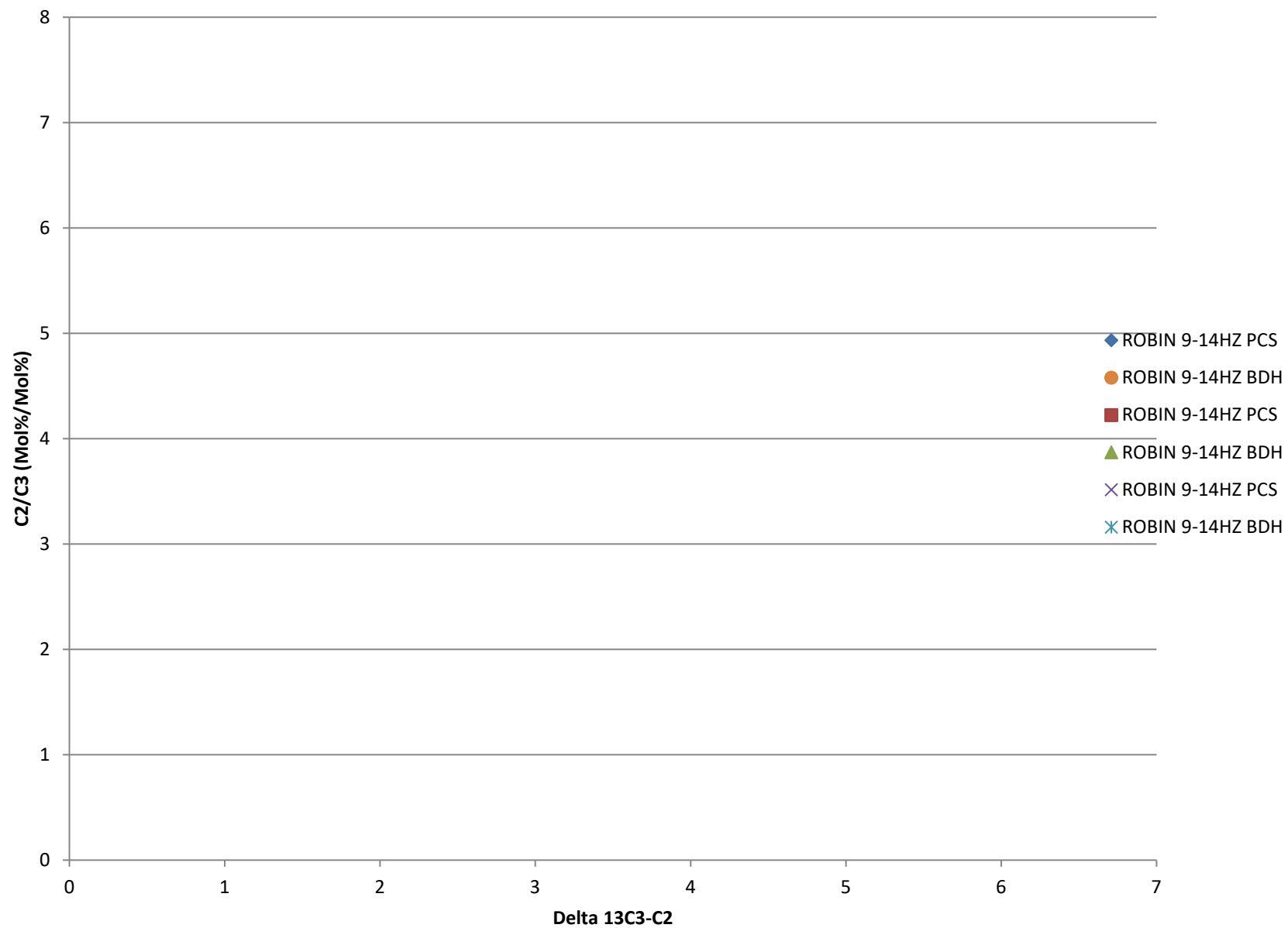
Delta 13 C3

- ◆ ROBIN 9-14HZ PCS
- ROBIN 9-14HZ BDH
- ✕ ROBIN 9-14HZ PCS
- ROBIN 9-14HZ BDH
- ▲ ROBIN 9-14HZ PCS
- ✕ ROBIN 9-14HZ BDH

Delta 13 C2



Delta13 C2/C3 vs. Delta 13C3-C2



Delta 13 IC4/ Delta NC4

