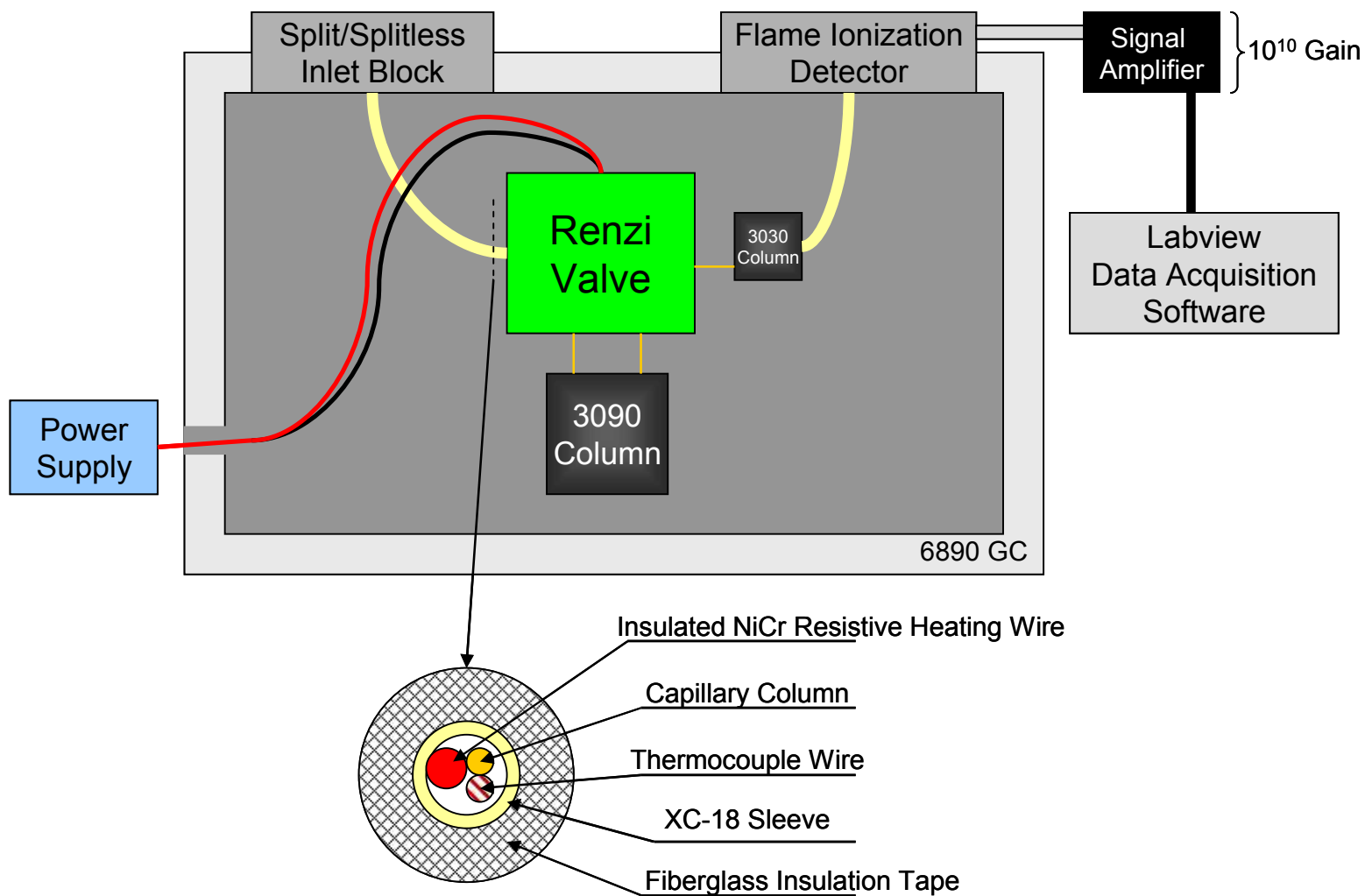


**Figure 6.1.** Instrument Schematic

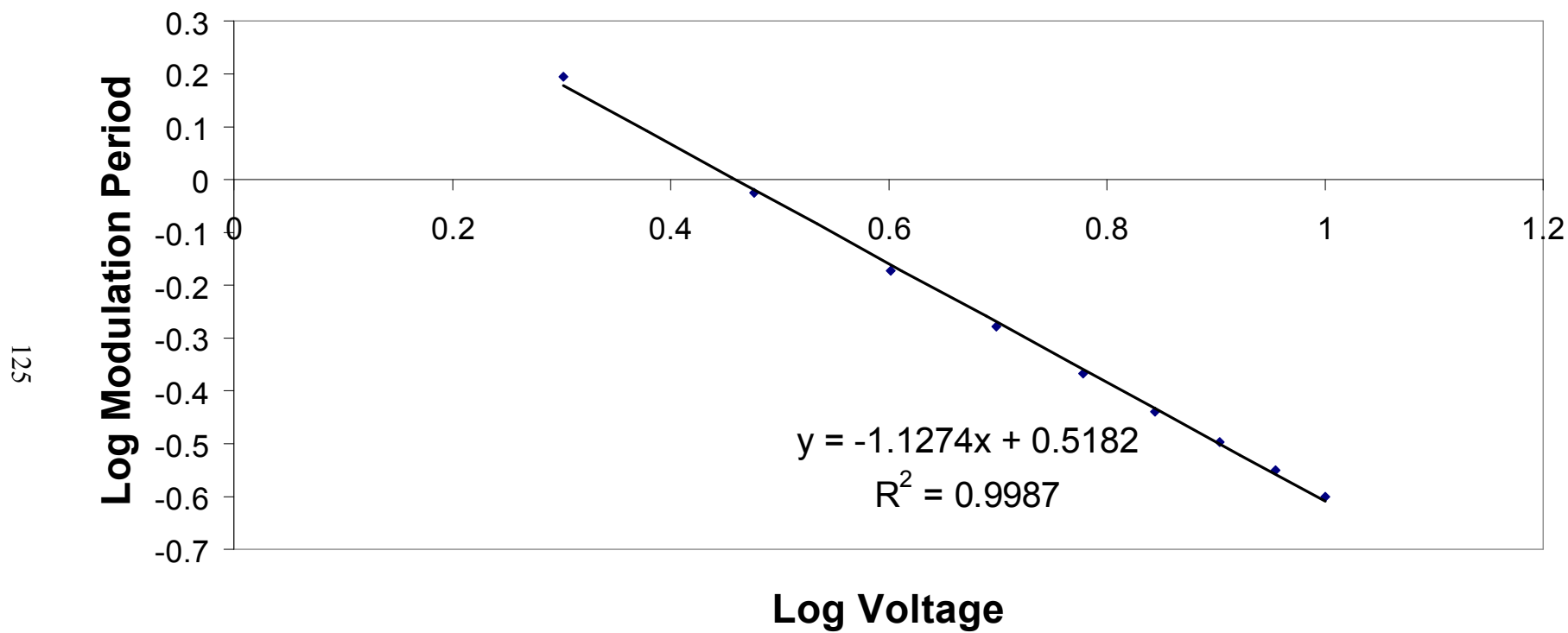


Figure 6.3. Log of modulation period (ms) vs. log of applied voltage (V).

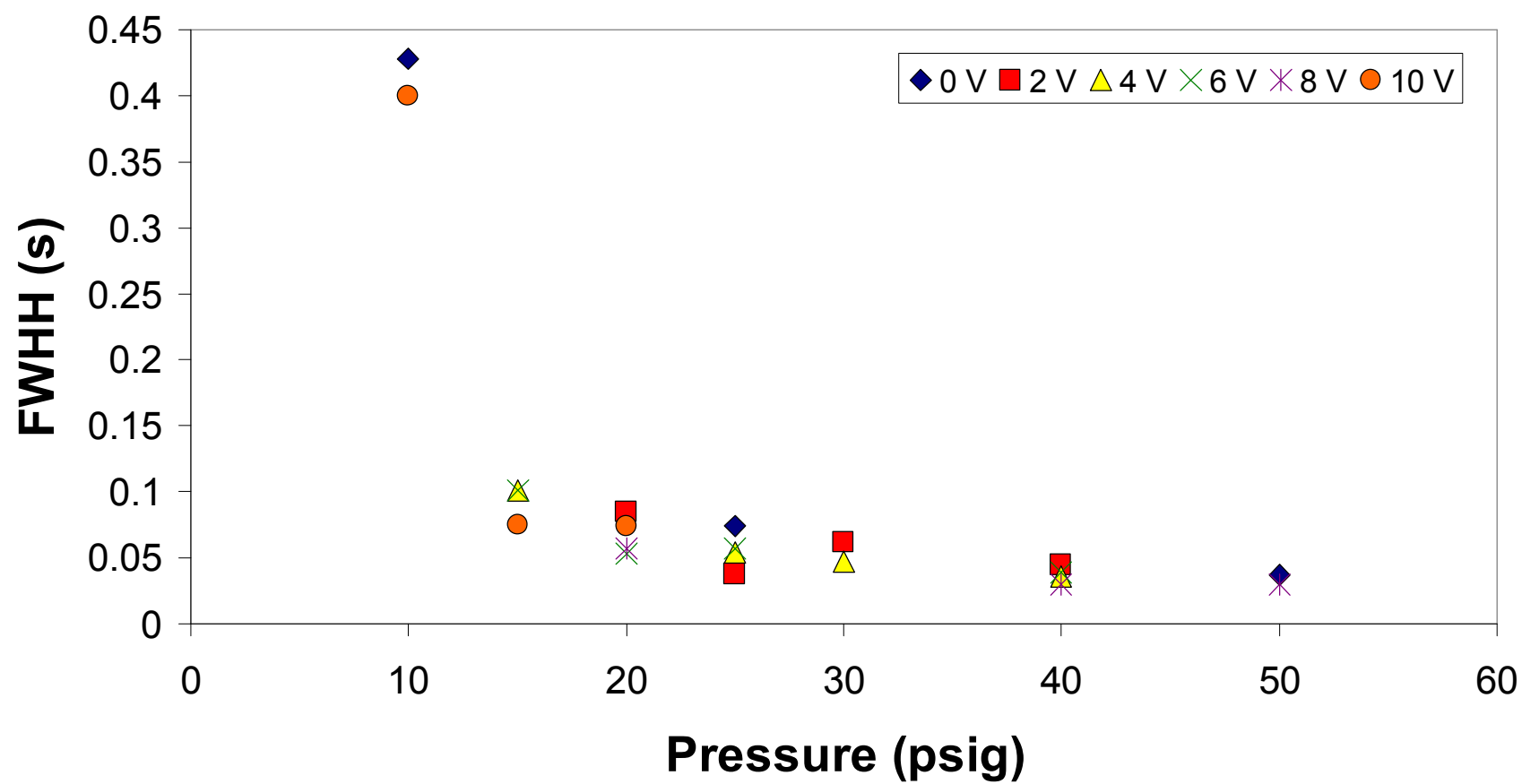


Figure 6.5. Half-height peak width of methane vs. inlet pressure.

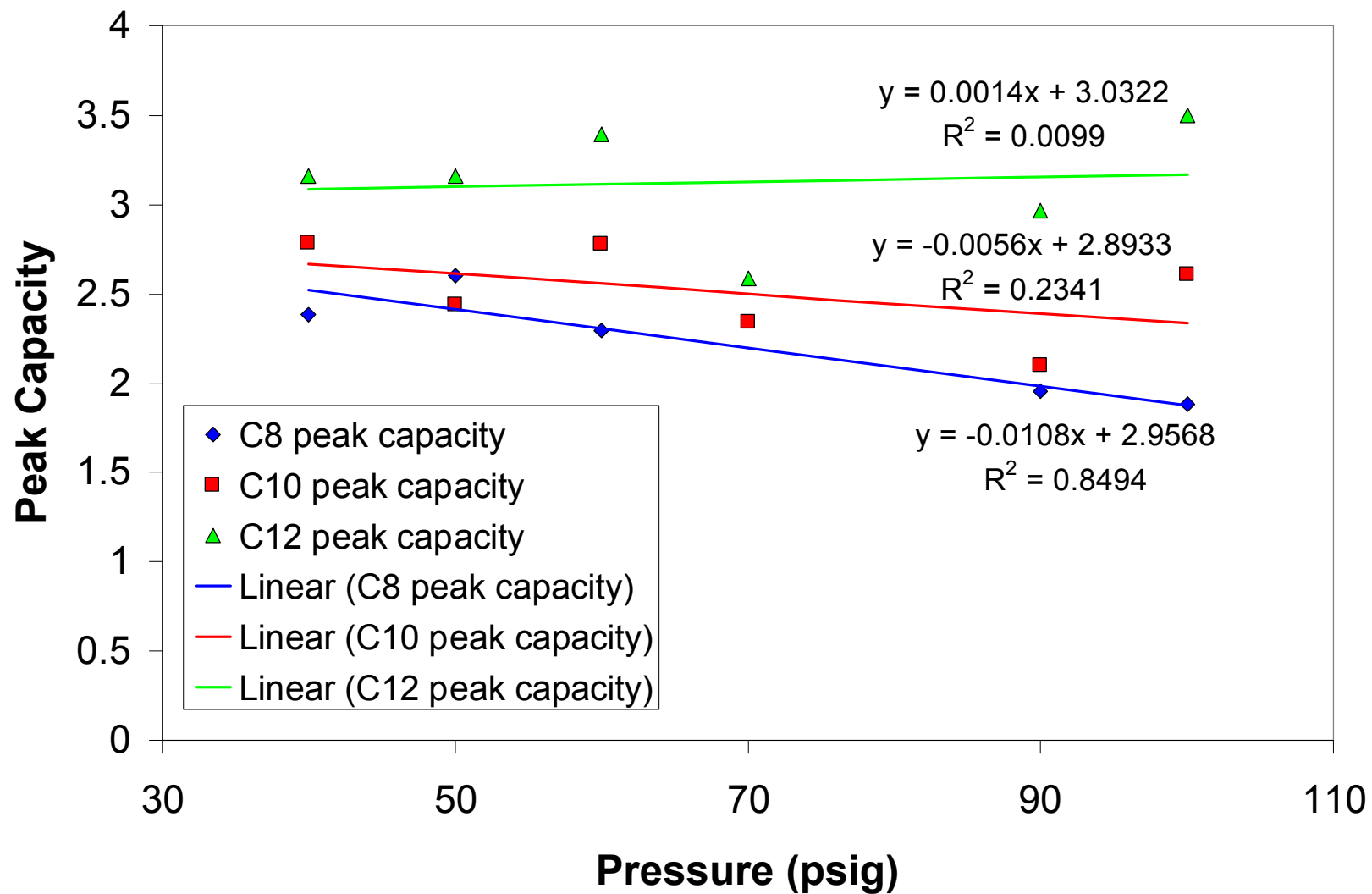


Figure 6.8. Plot of 9.0 V applied voltage maximum peak capacity vs inlet pressure for three n-alkanes.

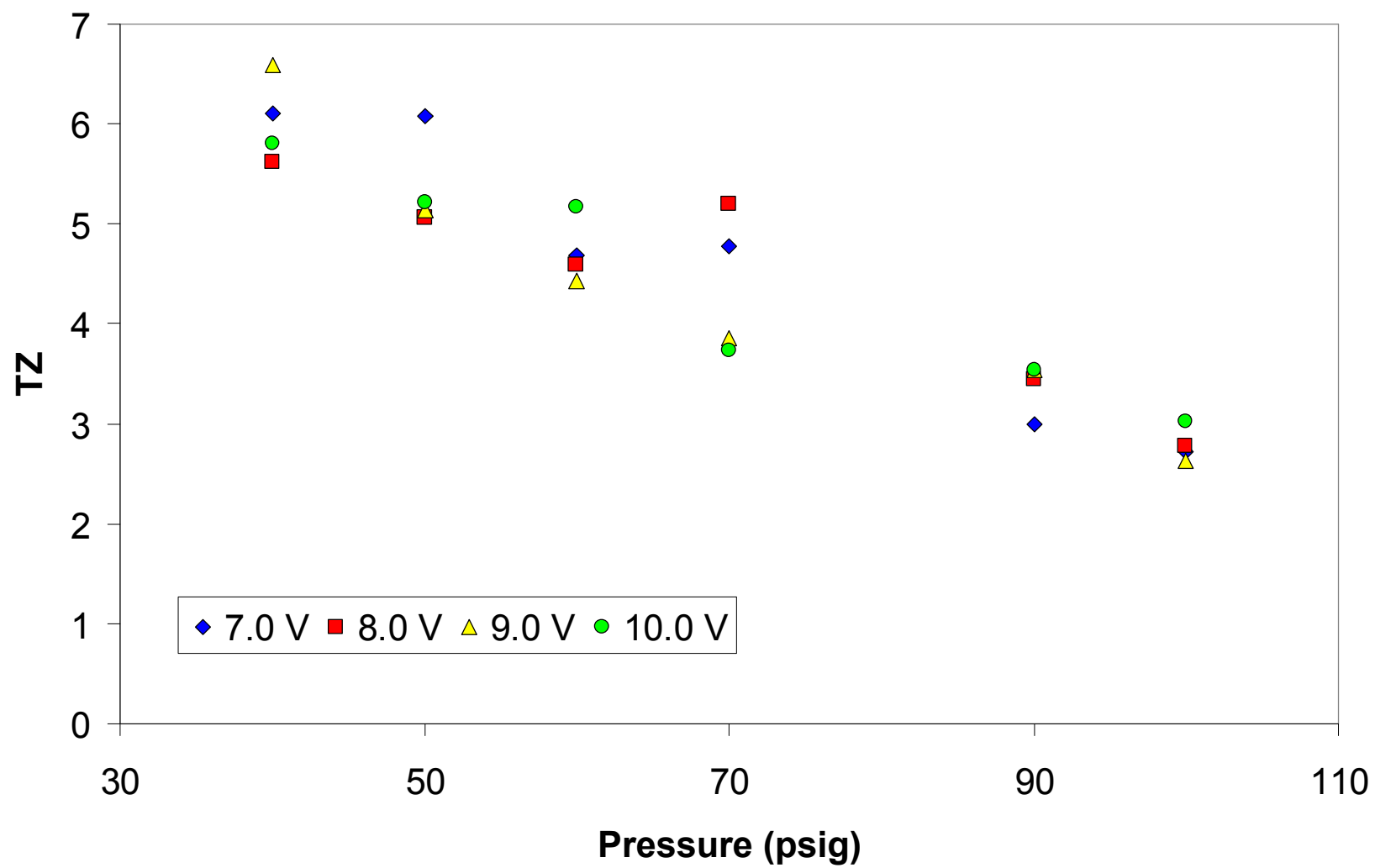


Figure 6.9. Plot of C8-C12 TZ vs. inlet pressure for various applied valve voltages.