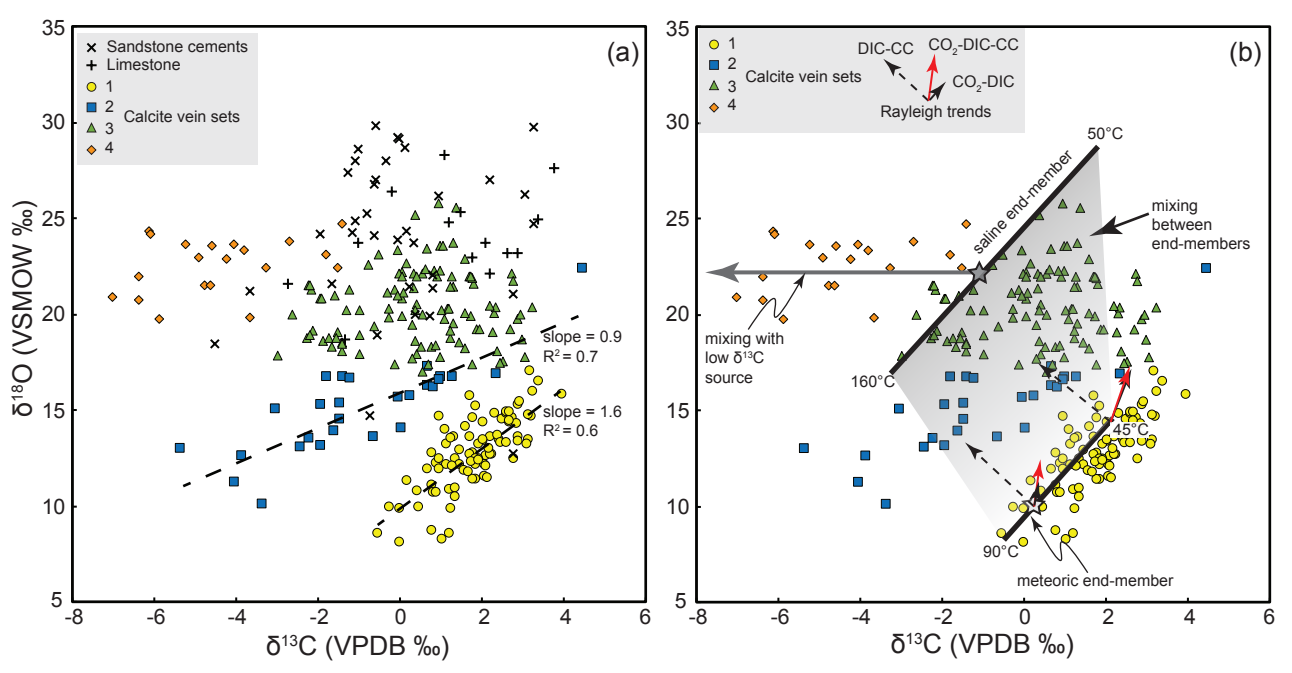
(a)
Sandstone cements
Limestone
Calcite vein sets
1
2
3
4
slope = 0.9
R² = 0.7
slope = 1.6
R² = 0.6
δ18O (VSMOW ‰)
δ13C (VPDB ‰)
(b)
Calcite vein sets
DIC-CC
CO2-DIC-CC
CO2-DIC
Rayleigh trends
50°C
saline end-member
mixing between end-members
mixing with low δ13C source
160°C
45°C
90°C
meteoric end-member