



Figure 2. Isotopic profiles for both $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$. $\delta^{18}\text{O}$ increases with increasing depth ($R^2 = 0.42$, $F(1,33) = 23.95$, $p < 0.001$). $\delta^{13}\text{C}$ decreases with increasing depth ($R^2 = 0.17$, $F(1,33) = 8.857$, $p = 0.013$). These isotopic compositions were calculated from rim isotopes and represent the range of isotopes that are found in each depth step.