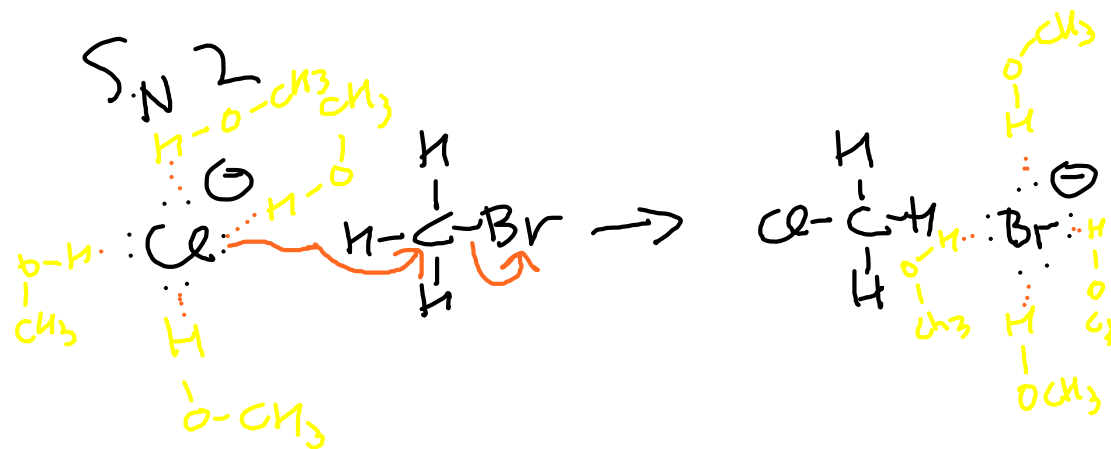


in methanol right side
is more stabilized
in CH_2Cl_2 less stabilization

in highly polar or H-bonding
solvents S_N1 is faster



↑ methanol traps lone pairs on Cl^- , slowing $\text{S}_{\text{N}}2$ attack

highly polar solvents or H-bonding slow down $\text{S}_{\text{N}}2$

