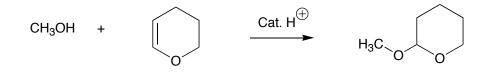
3. (15 pts) Provide a detailed mechanism for the reaction below, drawing <u>all</u> resonance contributors for any of the intermediates formed.



4. (15 pts) Provide a detailed mechanism for the reaction below. NaNO₂ and HCl react to form the unstable species [NO]⁺. You do <u>not</u> have to show its formation.

