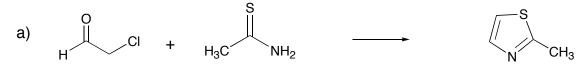
5. (20 pts) Provide detailed mechanisms for the reactions below. Assume both H^+ and B: are present in (a) to facilitate proton transfers.



b)
$$H_3CO$$
 OCH_3 O