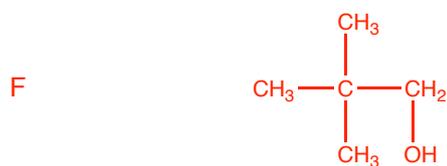
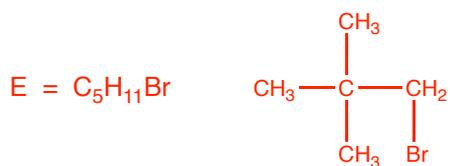




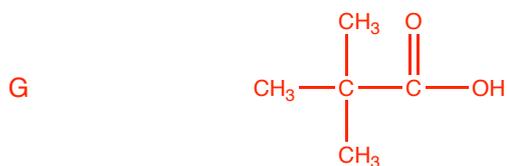
IR PROBLEMS 4

1



alcohol O-H 3230-3550 cm⁻¹

NB - Alcohol F cannot dehydrate



acid O-H 2500-3000 cm⁻¹

$$150 = \text{C}_5\text{H}_{11}^{79}\text{Br}^+$$

$$152 = \text{C}_5\text{H}_{11}^{81}\text{Br}^+$$

2

