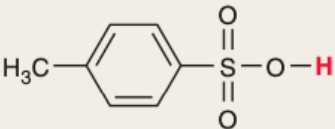
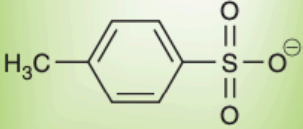
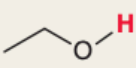
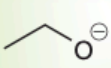
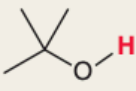



TABLE 7.1 THE ACIDITY OF SEVERAL COMPOUNDS AND THE STABILITY OF THEIR CONJUGATE BASES

	Acid	pK_a	Conjugate base	
Strongest acid	$I-H$	-11	I^-	Best leaving group
	$Br-H$	-9	Br^-	
	$Cl-H$	-7	Cl^-	
		-3		Good leaving groups
	H_3O^+	-2	H_2O	
	$F-H$	3	F^-	
	H_2O	15.7	HO^-	
		16		
		18		Bad leaving groups
Weakest acid	NH_3	38	NH_2^-	Worst leaving group