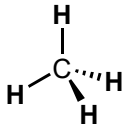
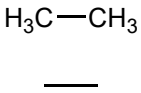
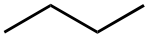
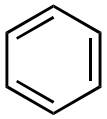
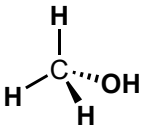
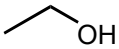
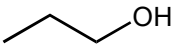
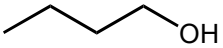
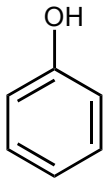
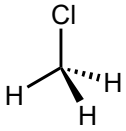
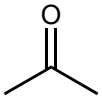
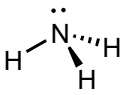
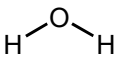
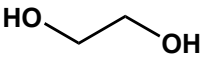
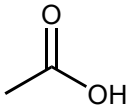
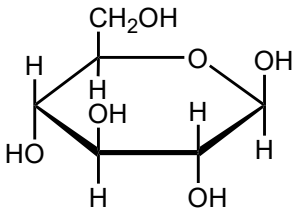
Determine predmoninant IMF

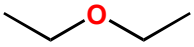
Hydrocarbons Dispersion					
	methane	ethane	propane	butane	benzene
	CH_4	C_2H_6	C_3H_8	C_4H_{10}	C_6H_6
B.P. (°C)	-161.6	-89	-42	-1	80.1
Alcohols H-bond					
	methanol	ethanol	propanol	butanol	phenol
	CH_3OH	C_2H_5OH	C_3H_8OH	$C_4H_{10}OH$	C_6H_6OH
B.P. (°C)	-161.6	-89	-42	-1	181.7
						
	chloroform	acetone	ammonia	water	ethylene glycol	acetic acid (vinegar)
	CH_3Cl	C_3H_6O	NH_3	H_2O	$C_2H_6O_2$	CH_3COOH
	61.2	56	-28	100	198	118



glucose

$C_6H_{12}O_6$

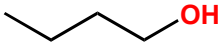
527.1



diethyl ether

$C_4H_{10}O$

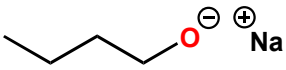
35



n-butanol

C_4H_9OH

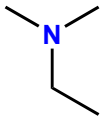
117



sodium *n*-butoxide

NaC_4H_9O

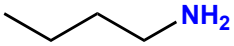
> 260



N,*N*-dimethyl ethylamine

$C_4H_{11}N$

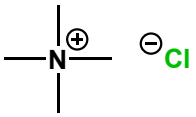
36



n-butylamine

$C_4H_{11}N$

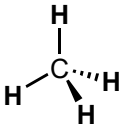
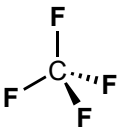
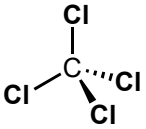
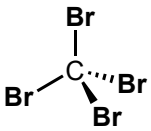
73.1



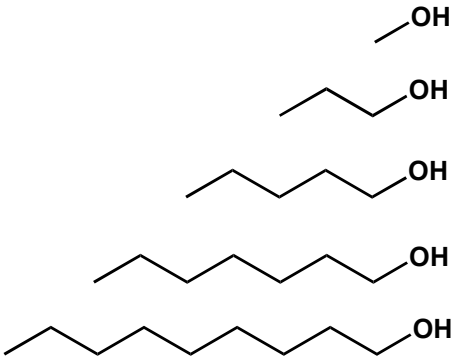
tetramethyl ammonium chloride

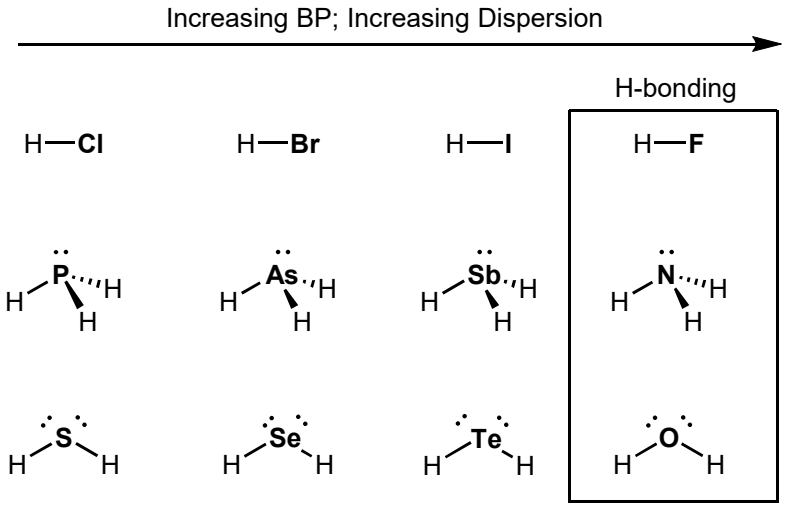
$C_4H_{12}NCl$

109.6

	Noble Gases	Diatomics	Halocarbons	
1	He	H_2		-161.6
2	Ne	F_2		-127.8
3	Ar	Cl_2		76.7
4	Kr	Br_2		189.5
5	Xe	I_2		

Increasing BP; Increasing Dispersion




Increasing BP; Increasing Dispersion
H-bonding
H—Cl
H—Br
H—I
H—F
P
As
Sb
N
S
Se
Te
O
H