

Chem 14D – Spring 2013
Common Organic Solvents

| <i>Solvent</i> | <i>Structure</i> | <i>Classification</i> |
|-------------------------------------|------------------|-----------------------|
| Water | | polar, protic |
| Methanol | | polar, protic |
| Ethanol | | polar, protic |
| Isopropanol | | polar, protic |
| <i>t</i> -butanol | | polar, protic |
| | | |
| Dimethylsulfoxide (DMSO) | | polar, aprotic |
| <i>N,N</i> -Dimethylformamide (DMF) | | polar, aprotic |
| Hexamethylphosphoramide (HMPA) | | polar, aprotic |
| Acetone | | polar, aprotic |
| | | |
| Dichloromethane | | nonpolar, aprotic |
| Tetrahydrofuran (THF) | | nonpolar, aprotic |
| Diethyl ether | | nonpolar, aprotic |
| benzene | | nonpolar, aprotic |