

## ***CHEMISTRY DEPARTMENT ANALYTICAL INSTRUMENTATION***

### **SPECTROSCOPY**

#### **Atomic Absorption/Emission Spectrometers**

Perkin Elmer Atomic Absorption Spectrometer AAnalyst

#### **UV-Vis Spectrophotometers**

Varian Cary 50 (2)

Perkin Elmer Lambda 25 (2)

#### **Spectrofluorometers**

Horiba Jobin Yvon SPEX Fluorolog 3

Perkin Elmer Fluorimeter LS 55

#### **Infrared/Raman Spectrophotometers**

Perkin Elmer FT-IR Spectrometer Spectrum One (2)

#### **NMR Spectrophotometer**

Varian INOVA 400 MHz NB High Resolution NMR Spectrometer

### **SEPARATIONS**

#### **Gas Chromatography systems**

Varian CP-3800 with FID(2)

Varian CP-3800 with FID & ECD(1)

#### **High Pressure Liquid Chromatography Systems**

Shimadzu LV-20 with SPD-M20 Diode Array (1)

Shimadzu LV-20 with SPD-20AV UV\_VIS detector (1)

### **MASS SPECTROMETRY**

#### **GC Mass Spectrometers**

Agilent Technologies 6890N GC system with 5973 MS Detector and 7694 Headspace Sampler (1)

Varian CP-3800 GC with FID (2)

Varian CP-3800 GC with FID and ECD (1)

Perkin Elmer Pyris 6 DSC