

## *Separation Science Laboratory*

**Location:** Science and Technology Building,

**Established:** 2004

**Mailing Address:** 300 Science and Technology Building  
Greenville, NC 27858

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**Equipment:** **Agilent 6890N Gas Chromatograph with FID/ECD**  
**Waters HPLC**

### **Capabilities:**

#### **Agilent 6890N GC/FID/ECD Capabilities**

- Separation of volatile organic compounds
- Detection of hydrocarbons by a flame ionization detector
- Detection of halogenated organic compounds by an electron capture detector
- Auto injection

#### **Waters HPLC Capabilities**

- Gradient elution using a binary pump system
- UV detection
- Separation and detection of organics with chromophores
- Auto injection