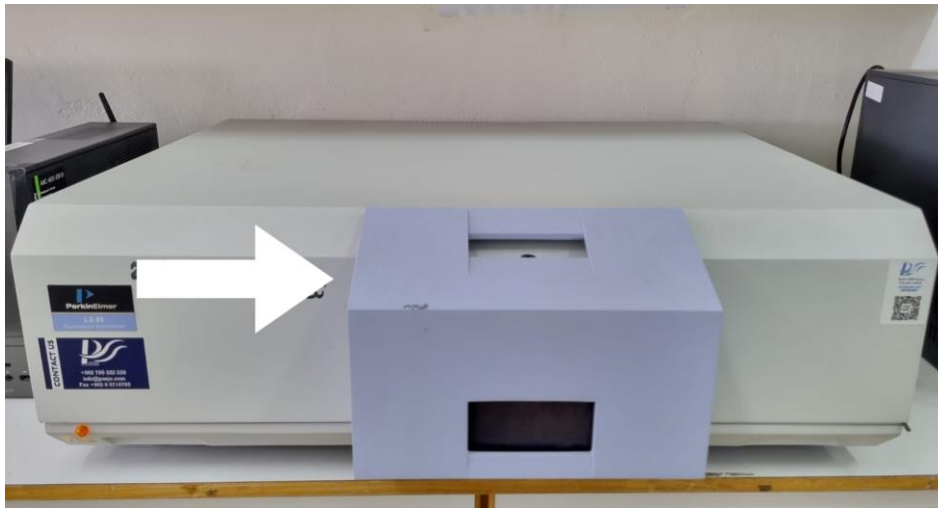


Central lab

Lab technician : Noura Mhaidat

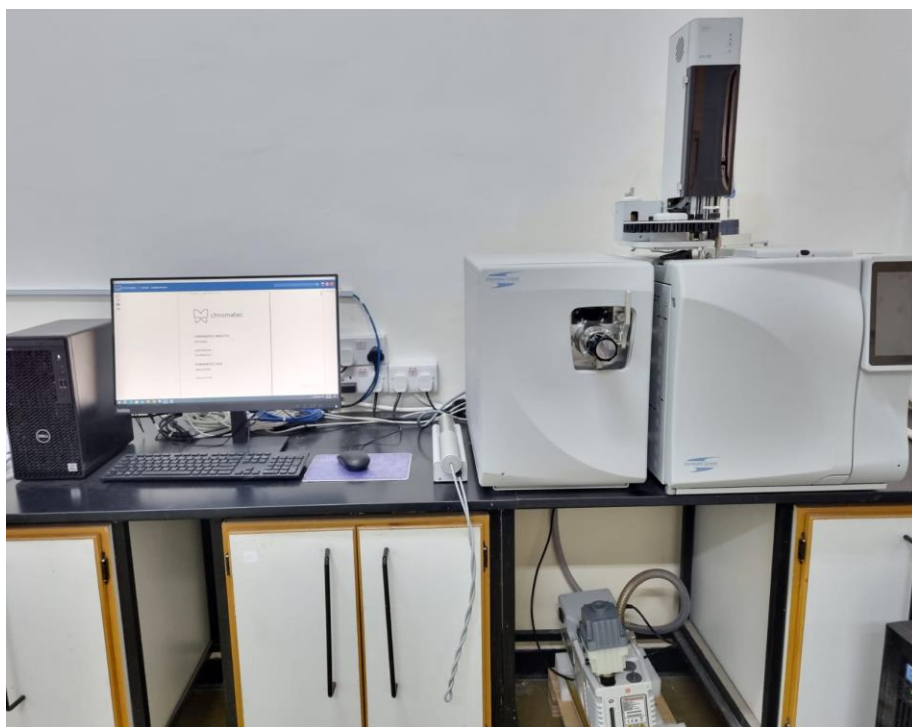
Fluorometer



It is a molecular emission spectroscopy that analyzes fluorescence from a molecule based on its fluorescent properties (limited to fluorescent molecules).

It is used in biochemical, medical, and chemical research fields .

Gas Chromatography Mass Spectrometry (GC-MS)



Its an analytical separation technique applicable to gas, liquid, and solid samples (components that are vaporized by heat).

Combines two analytical tools to identify compounds and measure the concentration of chemicals found in food ,oils, pharmaceuticals, the environment and more.

UV/VIS spectrophotometer



Is an analytical technique that measures the amount of the light that is absorbed by the solution in a cuvette placed in the spectrophotometer.

Is a widely used technique in many areas of science :

- 1) Chemical researchs.**
- 2) Drug identification and nucleic acid purity checks and quantitation.**
- 3) Quality control in the beverage industry and food industries.**
- 4) Bacterial culturing and protein content in biological samples.**