

# QSight 420 LC/MS/MS System



Q-Sight 420 LC-MS/MS Triple Quadrupole instrument (PerkinElmer) equipped with QSight LX-50 Binary Pump, QSight LX-50 Autosampler, QSight LX-50 Oven, and Flexar PDA Plus Detector. The MS ion source has Electrospray Ionization (ESI) and Atmospheric Pressure Chemical Ionization (APCI) independent probes with positive and negative ionization modes. This instrument allows the trace-level quantification of target compounds using Multiple Reaction Mode (MRM). Its applications involve but are not limited to Agriculture & Food, Environmental, Forensic & Toxicology, Industrial, and Pharmaceutical samples. The instrument has an MRM library of more than 800 compounds, which includes pesticides, and common environmental contaminants, namely Per- and Polyfluoroalkyl substances (PFAS) such as Perfluorooctanoic acid (PFOA) and Perfluorooctanesulfonic acid (PFOS) etc.,

## **Specifications:**

**Mass Analyzer:** Quadrupole mass analyzer

**Ion Source:** Dual Source with ESI and APCI Independent Probes

**Ion Polarity:** Positive and Negative

**Mass Range** 10 to 1000 Da

**Data Acquisition modes:** Full Scan, MRM, SIM, Product Ion Scan, Neutral gain/loss scan etc.,