Per- and polyfluoroalkyl substances (PFAS) are industrial chemicals that have been used in a variety of industries around the world since the 1940s. These chemicals are stable in the environment and can accumulate over time. Research shows their negative impacts on human health, including reproductive and developmental issues, depressed immune response, liver and kidney problems, and cancer. Detecting PFAS is the first step in mitigating health risks, and there are a growing number of regulatory methods available to do so.