50 years ago...

A highly skilled scientist with deep knowledge of the laboratory and data analysis.

Limited reliance on technology and very self-reliant in terms of quality control.

BSc at a minimum but often with post graduate degree. Previous work experience within a laboratory, as well as laboratory technology maintenance.

Has a deep understanding of how laboratory technology operates but is generally cautious of technology due to limited experience. Likely wrote thesis with a typewriter.

Today

A process-oriented, time-efficient and organized individual who is able to work across a variety of platforms.

A motivated self-starter and multitasker who is highly reliant on technology to make life easier.

Associate or Bachelor’s degree, perhaps not in science, with extensive on-the-job training.

Is comfortable working across multiple technology platforms, devices and apps. Is very tech savvy and has high expectations of technology. Likely grew up using mobile phone and playing video games.

WHAT ARE THEIR EXPECTATIONS OF TECHNOLOGY?

WHAT’S THEIR BACKGROUND?

WHAT’S THEIR MINDSET?

WHO ARE THEY?

Over the past six years, Agilent Technologies has been consulting with key customers to understand the changing dynamics of the gas chromatography (GC) laboratory. Based on these learnings, Agilent Technologies is transforming the way GC is performed, and the way a modern GC laboratory operates.