

# CHANGING PROFILE OF THE

# GAS CHROMATOGRAPHY OPERATOR

## 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

### WHO ARE THEY?



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

### WHAT'S THEIR MINDSET?



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

### WHAT'S THEIR BACKGROUND?



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

### WHAT ARE THEIR EXPECTATIONS OF TECHNOLOGY?



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

**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**