

# Prima $\delta$ B TRAINING COURSE

|         | Session 1   | Session 2  | Session 3  | Session 4  |
|---------|---|--|--|--|
| Session | 8.30 - 10.30 am   | 10.30 - 12.30pm  | 1.45 - 3.15pm  | 3.30 - 5.00pm  |
| Day 1   | <b>Introduction</b><br>Thermo Fisher Scientific                             | <b>Mass Spectrometry</b><br>Principles and Requirements  | <b>Vacuum System</b><br>Rotary Pump<br>Turbo Pump/Controller<br>Measurement                          | <b>Vacuum System Overview</b><br><b>Start-Up</b><br>Initial Checks   |
| Day 2   | <b>System Overview</b><br>Location of Electronic Units and Interconnections | <b>Electronics</b><br>Circuit Description<br>RMS M3<br>Communications / I/O / Hardware Configuration | <b>Technical Description</b><br>Electronics Functions  | <b>GasWorks</b><br>Electronic effects on:-<br>Status<br>Control Centre   |
| Day 3   | <b>GasWorks</b><br>System Tuning<br>Parameter Optimisation                  | <b>GasWorks</b><br>Gas Database<br>Calibration set-up<br>Configuration                               | <b>GasWorks</b><br>Applications  | <b>GasWorks</b><br>Applications  |
| Day 4   | <b>Maintenance</b><br>Check List and Procedures                             | <b>Maintenance</b><br>Disassembly<br>Ion Source Removal<br>Inlet Leak and Capillary                  | <b>Maintenance</b><br>Cleaning Materials<br>Cleaning Routines and Procedures<br>Filament Replacement | <b>Maintenance</b><br>Ion source Installation<br>Re-fit Leak and Capillary<br>Detector Installation<br>System Pump-down checks |
| Day 5   | <b>Practical</b><br>GasWorks Exercises                                      | <b>Practical</b><br>Diagnostics and Fault finding  | <b>Practical</b><br>Customers Free Time on The System  | Course Review<br><b>Q&amp;A</b><br>END   |