

## 2019 Scheduled Training Course Calendar

Independent experts providing training and consultancy in the analytical science fields of **Gas Chromatography** (GC, GCxGC), **Liquid Chromatography** (HPLC, UHPLC, LCxLC), **Mass Spectrometry** (GC-MS, LCMS, ICP-MS), **Spectroscopy** (ICP-OES, IR, UV/Vis, AA) and all related techniques.

1-day Introductory courses	Day	Price	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Absolute Basics of GC & GC-MS	1	£250	28			26			8			11		
Absolute Basics of HPLC & LC-MS	1	£250	29						9					
Absolute Basics of ICP-OES & ICP-MS	1	£250	30						10					
Absolute Basics of Chemometrics	1	£250	31						11					
Absolute Basics of Metabolomics	1	£250		1					12					

Please see inside and back for our full calendar of courses. The following courses are also available on-demand and/or onsite, contact us for details.

Comprehensive GC Training (Agilent GC with OpenLAB EZChrom)	Comprehensive GC-MS Training (Markes BenchTOF with TOF-DS)	Advanced Applied Deconvolution (ACD/Labs MS Workbook Suite with advanced IXCR features)
Comprehensive GC Training (Agilent GC with OpenLAB ChemStation)	Hands-on Splitters & Backflushing	Applied Deconvolution (Agilent DRS)
Comprehensive GC Training (PerkinElmer GC with TotalChrom or TurboChrom)	Hands-on Heart-Cutting	Applied Deconvolution (ACD/Labs MS Workbook Suite with IXCR)
Comprehensive GC Training (Sciex/Bruker/Varian GC with Sciex Compass CDS)	Hands-on Gas Supply & Plumbing Health Check	Applied Deconvolution (ACD/Labs MS Workbook Suite with IXCR)
Comprehensive GC Training (Shimadzu GC with GCSolution)	Applied GCxGC Software Training (Leco ChromaTOF)	Applied Deconvolution (Markes TargetView)
Comprehensive GC Training (SRI GC with PeakSimple)	Absolute Basics of Deconvolution	Comprehensive HPLC Training (see website)
Comprehensive GC Training (Thermo GC with Chromeleon)	Applied Data Analysis for Chemometrics	Comprehensive LC-MS Training (see website)
Comprehensive GC Training (Thermo GC with Xcalibur)	Applied Data Analysis for Chemometrics (Agilent MassHunter with GeneSpring Mass Profiler Professional)	Comprehensive ICP-OES Training (see website)
Comprehensive GC-MS Training (Agilent QQQMS with MassHunter)	Absolute Basics of Deconvolution	Comprehensive ICP-MS Training (see website)
Comprehensive GC-MS Advanced Training (Agilent QQQMS with MassHunter)	Applied Data Analysis for Metabolomics (Agilent MassHunter with GeneSpring Mass Profiler Professional)	
Comprehensive GC-MS Training (Leco Pegasus TOF with ChromaTOF)		

## GC & GC-MS Generic Courses

Generic classroom-based courses	Day	Price	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>Absolute Basics of GC &amp; GC-MS</b>	1	£250	28			26			8			11		
<b>Complete GC &amp; GC-MS</b>	5	£1,120				29-3						14-18		
Practical Essentials of GC & GC-MS	3	£760				29-1						14-16		
The GC & GC-MS Clinic	2	£530					2-3					17-18		
GC & GC-MS Method Development & Advanced Techniques	1	£280					2					17		
GC & GC-MS Troubleshooting & Maintenance	1	£280					3					18		
<b>Mass Spectral Interpretation for GC-MS</b>	3	£1,060						19-21					13-15	
<b>Generic laboratory based hands-on training courses</b>														
<b>Hands-on Complete GC &amp; GC-MS</b>	5	£1,870		4-8				3-7			9-13			
<b>Hands-on Advanced Injection for GC &amp; GC-MS</b>	2	£925			11-12						16-17			
Hands-on Multi-Mode Inlets & PTVs	1	£499			11						16			
Hands-on Large Volume Injection (LVI)	1	£499			12						17			
<b>Hands-on Liquid-Liquid Extraction (LLE)</b>	1	£499			13						18			
<b>Hands-on Derivatisation</b>	1	£499			14						19			
<b>Hands-on Solid-Phase Extraction (SPE)</b>	1	£499			15						20			
<b>Hands-on Sample Preparation for GC &amp; GC-MS</b>	5	£1,870			18-22						23-27			
Hands-on Solid Phase Micro Extraction (SPME)	1	£499			18						23			
Hands-on Headspace (HS)	1	£499			19						24			
Hands-on Purge-and-Trap (P&T)	1	£499			20						25			
Hands-on Thermal Desorption (TD)	1	£499			21						26			
Hands-on Pyrolysis (Py)	1	£499			22						27			
<b>Hands-on GCxGC</b>	2	£925						10-11						2-3

[www.anthias.co.uk](http://www.anthias.co.uk)

\*All prices quoted are excluding VAT

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## GC & GC-MS Manufacturer Specific Courses

	Day	Price	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>Comprehensive GC Training with...</b>														
...Agilent GC with OpenLAB CDS	4	£1,340						24-27					25-28	
Hardware / Software	2/2	£750ea						24-25/26-27					25-26/27-28	
...Scion/Bruker/Varian GC with Galaxie or Star	4	£1,340	28-31						8-11					
Hardware / Software	2/2	£750ea	28-29/30-31						8-9/10-11					
...Shimadzu GCsolution	2	£750		13-14									2-3	
...Thermo Xcalibur	2	£750		27-28									9-10	
<b>Comprehensive GC-MS Training with...</b>														
...Agilent SQMS with MSD ChemStation	4	£1,340	21-24							12-15				
Hardware / Software	2/2	£750ea	21-22/23-24							12-13/14-15				
...Agilent SQMS with MassHunter	5	£1,520						13-17					4-8	
Hardware / Software	2/3	£750 / £1060						13-14 / 15-17					4-5 / 6-8	
...Scion/Bruker/Varian GC-MS with MSWorkstation	4	£1,340			4-7								28-31	
Hardware / Software	2/2	£750ea			4-5 / 6-7								28-29 / 30-31	
...Shimadzu GCMSsolution	2	£750					3-4							20-21
<b>Other courses</b>														
Applied Deconvolution (NIST AMDIS)	2	£750						17-18					11-12	
Applied GCxGC Software Training (Zoex GCImage)	2	£925						12-13						4-5
Advanced Applied GCxGC Software Training (Zoex GCImage)	1	£499						14						6

## HPLC, LC-MS, Spectroscopy & ICP-MS Courses

Generic classroom-based courses	Day	Price	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
<b>Absolute Basics of HPLC &amp; LC-MS</b>	1	£250	29						9					
<b>Complete HPLC &amp; LC-MS</b>	5	£1,120					20-24						18-22	
Practical Essentials of HPLC & LC-MS	3	£760					20-22						18-20	
The HPLC & LC-MS Clinic	2	£530					23-24						21-22	
Solvents, Pumps, Plumbing & Sample Introduction for HPLC & LC-MS	1	£280					20						18	
HPLC Columns, HPLC Detectors & Mass Spectrometers	1	£280					21						19	
HPLC & LC-MS Sample Preparation, Calibration Standards, Sample Properties & Data Analysis	1	£280					22						20	
HPLC & LC-MS Method Development, Optimisation & Advanced Techniques	1	£280					23						21	
HPLC & LC-MS Troubleshooting & Maintenance	1	£280					24						22	
<b>Mass Spectral Interpretation for LC-MS</b>	3	£1,060			4-6							7-9		
<b>Generic laboratory based hands-on courses</b>														
<b>Hands-on Complete HPLC &amp; LC-MS</b>	5	£1,990		25-1								30-4		
<b>Hands-on Liquid-Liquid Extraction (LLE)</b>	1	£499			13							18		
<b>Hands-on Derivatisation</b>	1	£499			14							19		
<b>Hands-on Solid-Phase Extraction (SPE)</b>	1	£499			15							20		
<b>Hands-on Solid Phase Micro Extraction (SPME)</b>	1	£499			18							23		
<b>Spectroscopy &amp; ICP-MS Courses</b>														
<b>Absolute Basics of ICP-OES &amp; ICP-MS</b>	1	£250	30						10					
<b>Hands-on UV/Vis</b>	1	£525		11							5			
<b>Hands-on IR (NIR &amp; FTIR)</b>	1	£525		12							6			