

CHEMISTRY ADVENT 2018

6

1830

1832

1834

1836

1838



MICHAEL FARADAY

+ 1791-1857



JEAN-BAPTISTE DUMAS

🇫🇷 1800-1884



Made key contributions to the study of electricity and electrochemistry



Discovered and isolated benzene



Produced the first known compounds of chlorine and carbon



In 1833 created electrochemical terms used today, such as 'electrode' and 'ion'



Developed a method to find the amount of nitrogen in an organic compound



Devised a method to determine atomic and molecular masses by measuring vapour density, producing revised atomic weights for thirty elements



Proposed that H atoms can be replaced by Cl atoms in organic compounds without any drastic structural change

