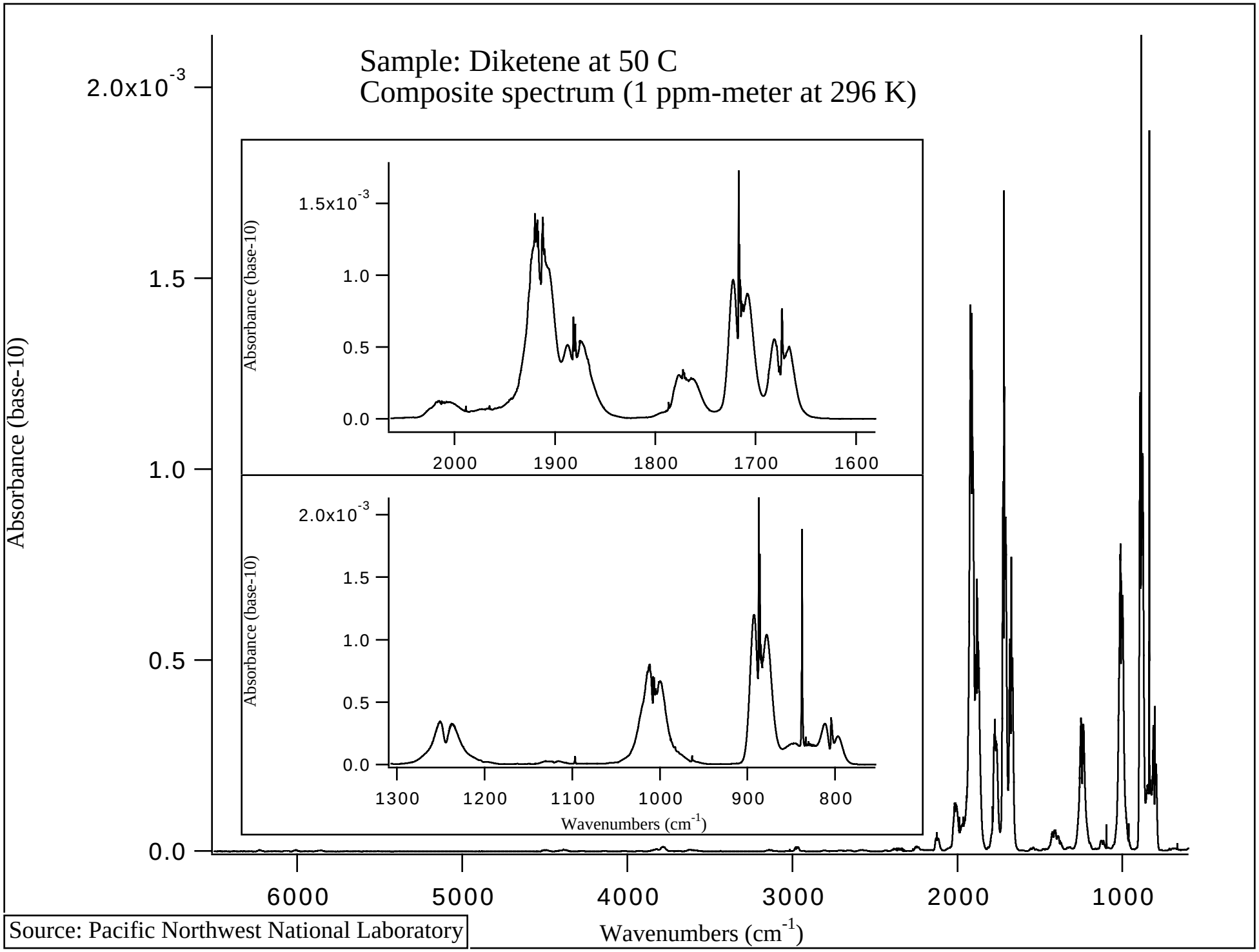
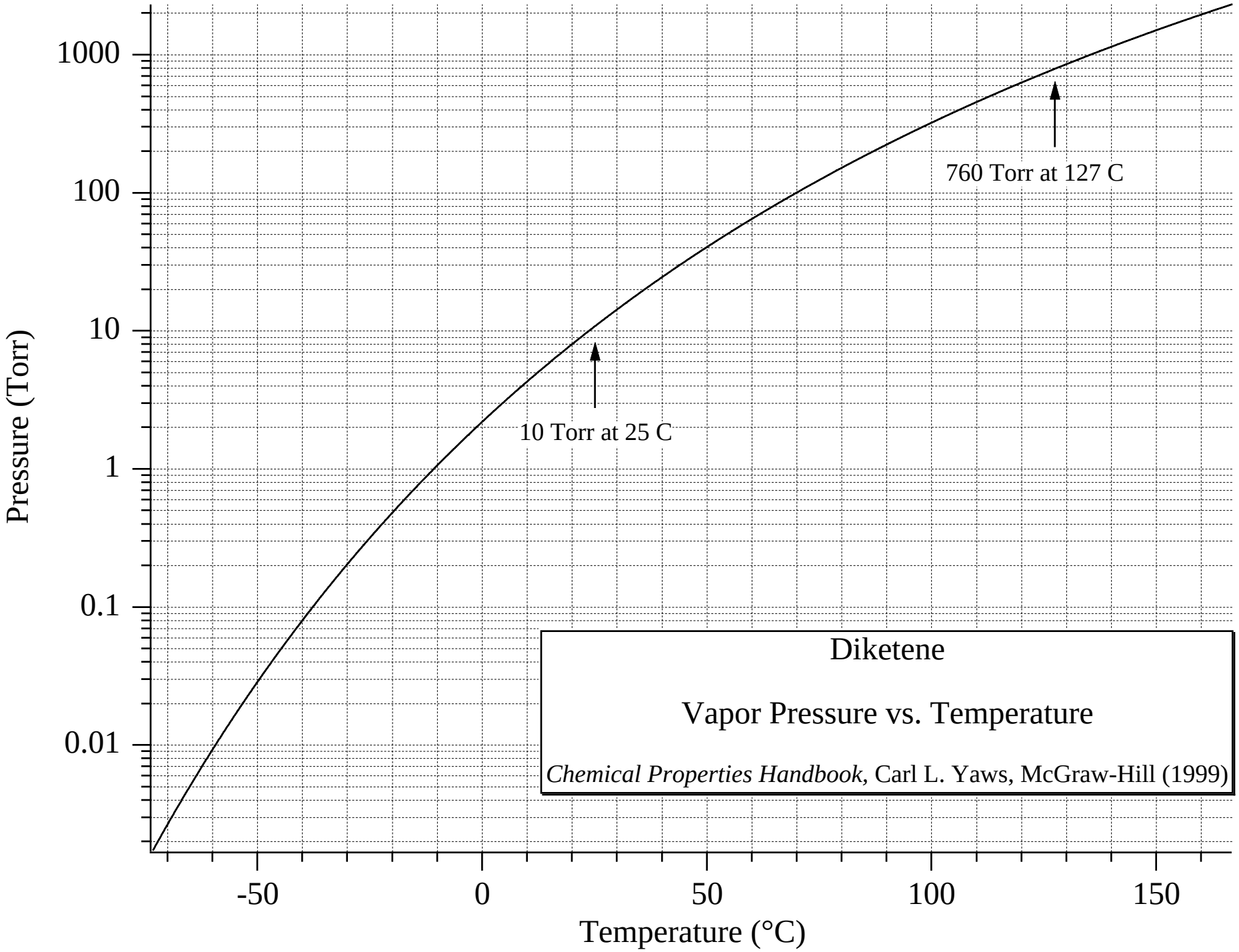

Sample: Diketene at 50 C
Composite spectrum (1 ppm-meter at 296 K)
Absorbance (base-10)
2.0x10-3
1.5
1.0
0.5
0.0
6000
5000
4000
3000
2000
1000
Wavenumbers (cm-1)
1.5x10-3
2000
1900
1800
1700
1600
1300
1200
1100
1000
900
800
Source: Pacific Northwest National Laboratory


Diketene
Vapor Pressure vs. Temperature
Chemical Properties Handbook, Carl L. Yaws, McGraw-Hill (1999)
760 Torr at 127 C
10 Torr at 25 C
Pressure (Torr)
1000
100
10
1
0.1
0.01
-50
0
50
100
150
Temperature (°C)