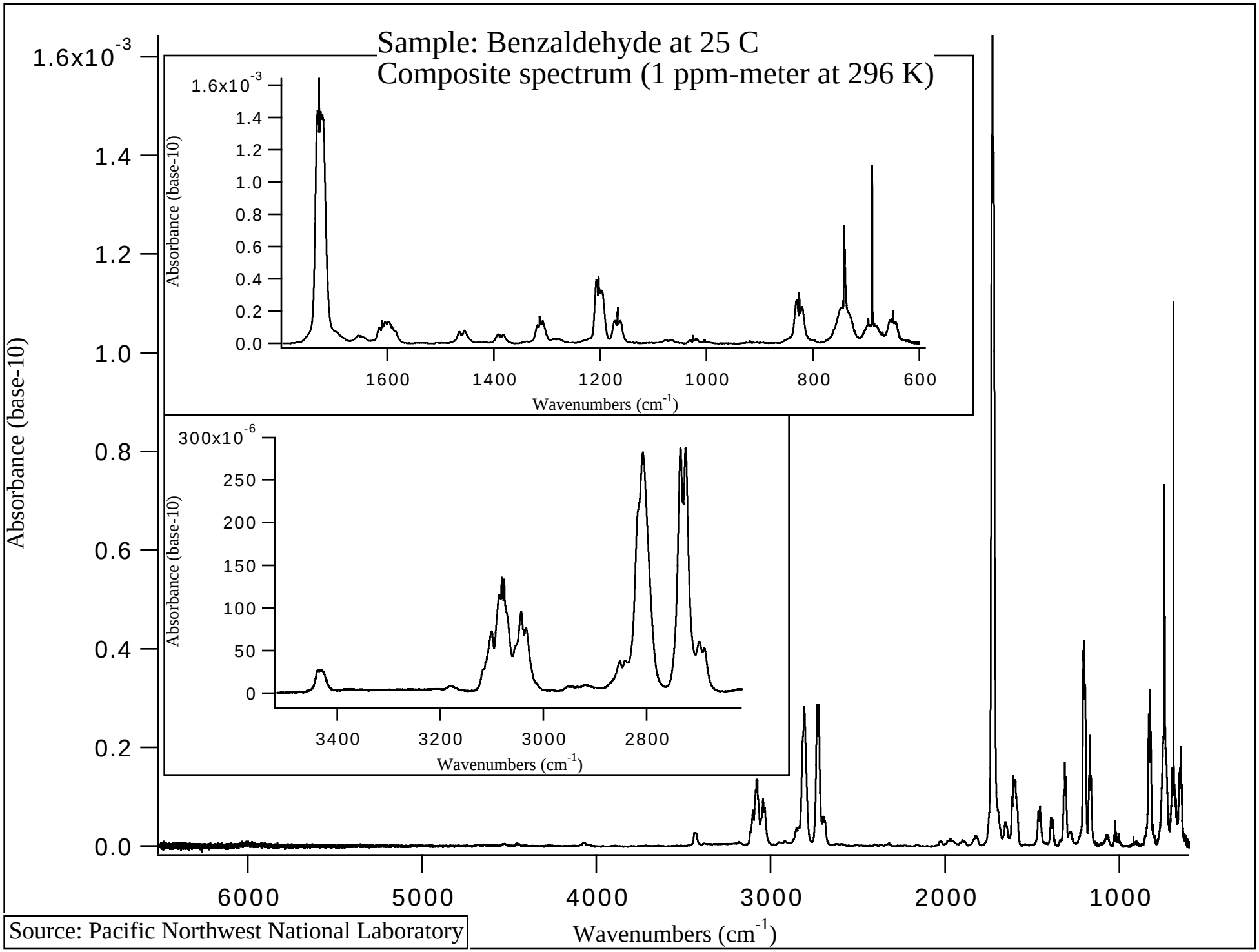
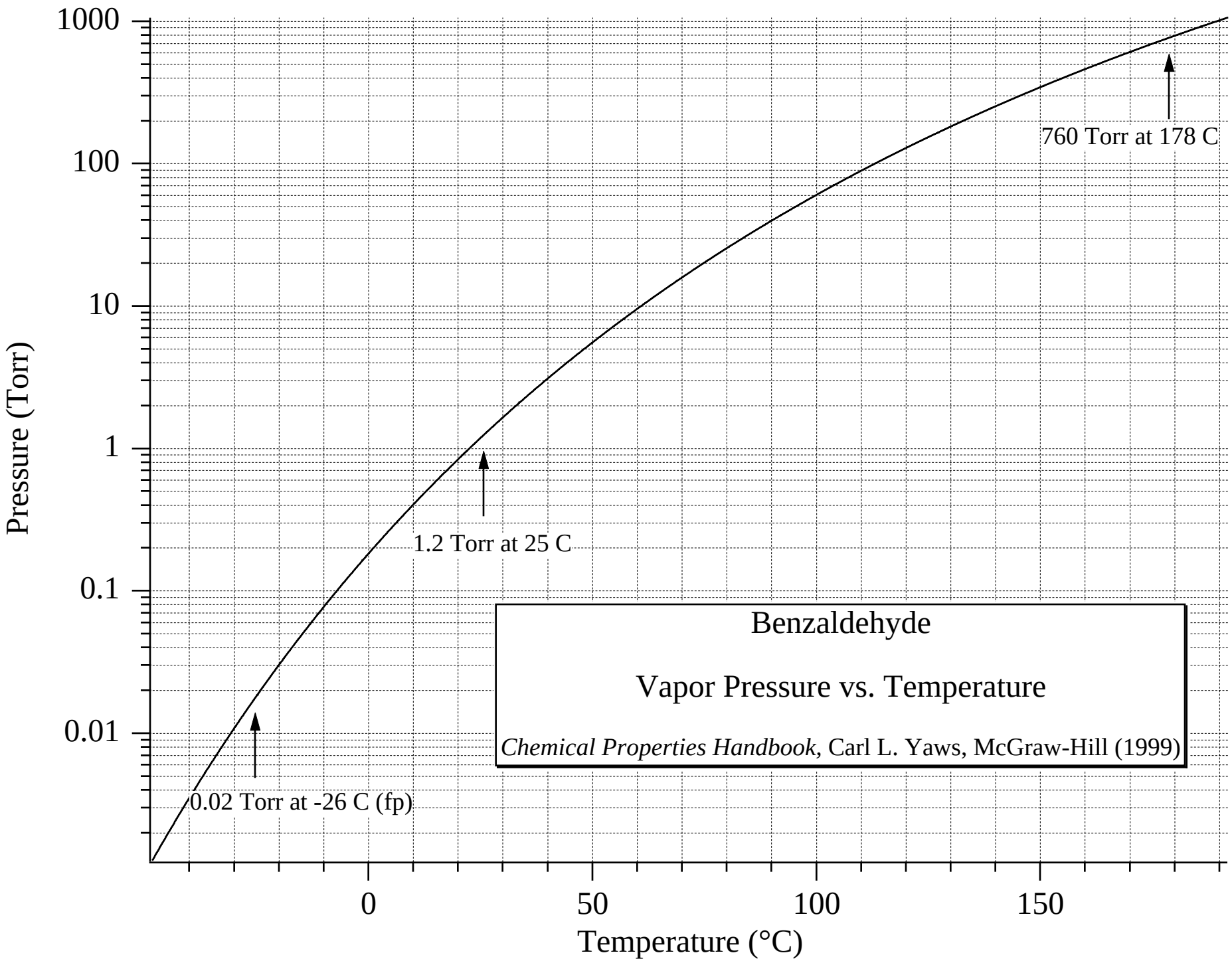

Sample: Benzaldehyde at 25 C
Composite spectrum (1 ppm-meter at 296 K)
Absorbance (base-10)
Wavenumbers (cm-1)
1.6x10-3
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
6000
5000
4000
3000
2000
1000
1600
1400
1200
1000
800
600
300x10-6
250
200
150
100
50
0
3400
3200
3000
2800
Source: Pacific Northwest National Laboratory


1000
100
10
1
0.1
0.01
Pressure (Torr)
0
50
100
150
Temperature (°C)
760 Torr at 178 C
1.2 Torr at 25 C
0.02 Torr at -26 C (fp)
Benzaldehyde
Vapor Pressure vs. Temperature
Chemical Properties Handbook, Carl L. Yaws, McGraw-Hill (1999)