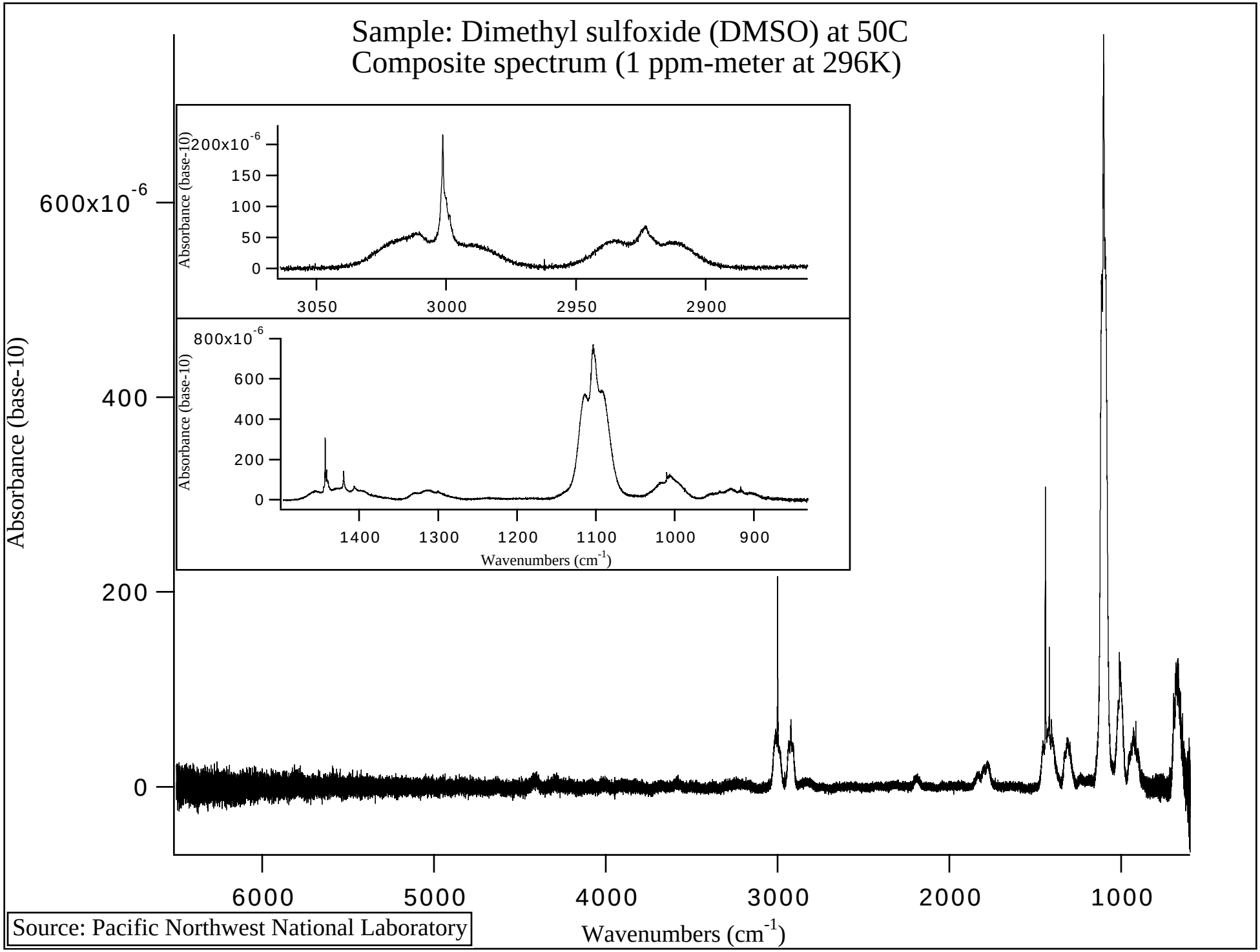
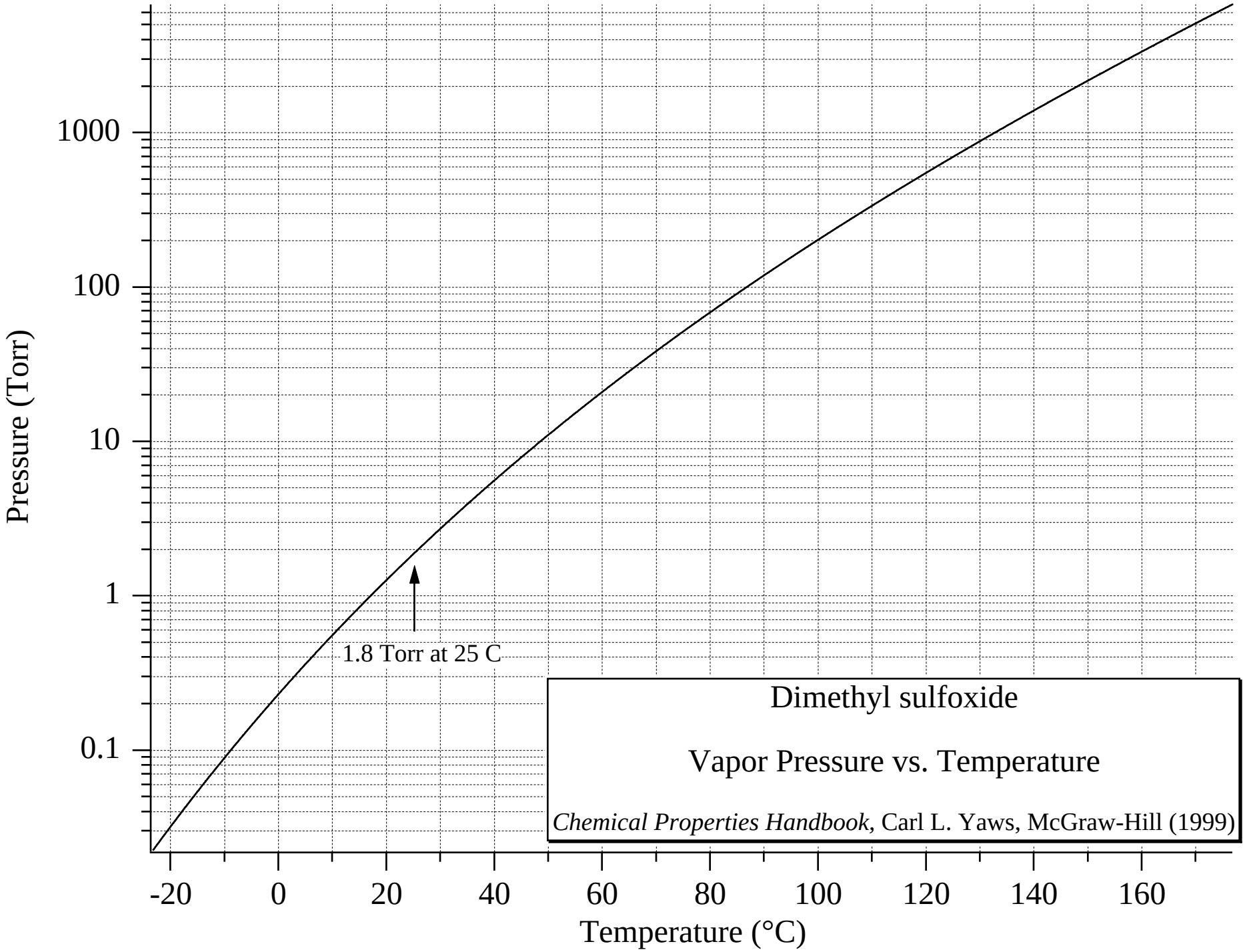

Sample: Dimethyl sulfoxide (DMSO) at 50C
Composite spectrum (1 ppm-meter at 296K)
Absorbance (base-10)
600x10-6
400
200
0
6000
5000
4000
3000
2000
1000
Wavenumbers (cm-1)
Absorbance (base-10)
200x10-6
150
100
50
0
3050
3000
2950
2900
Absorbance (base-10)
800x10-6
600
400
200
0
1400
1300
1200
1100
1000
900
Wavenumbers (cm-1)
Source: Pacific Northwest National Laboratory


Dimethyl sulfoxide
Vapor Pressure vs. Temperature
Chemical Properties Handbook, Carl L. Yaws, McGraw-Hill (1999)
1.8 Torr at 25 C
Pressure (Torr)
1000
100
10
1
0.1
-20
0
20
40
60
80
100
120
140
160
Temperature (°C)