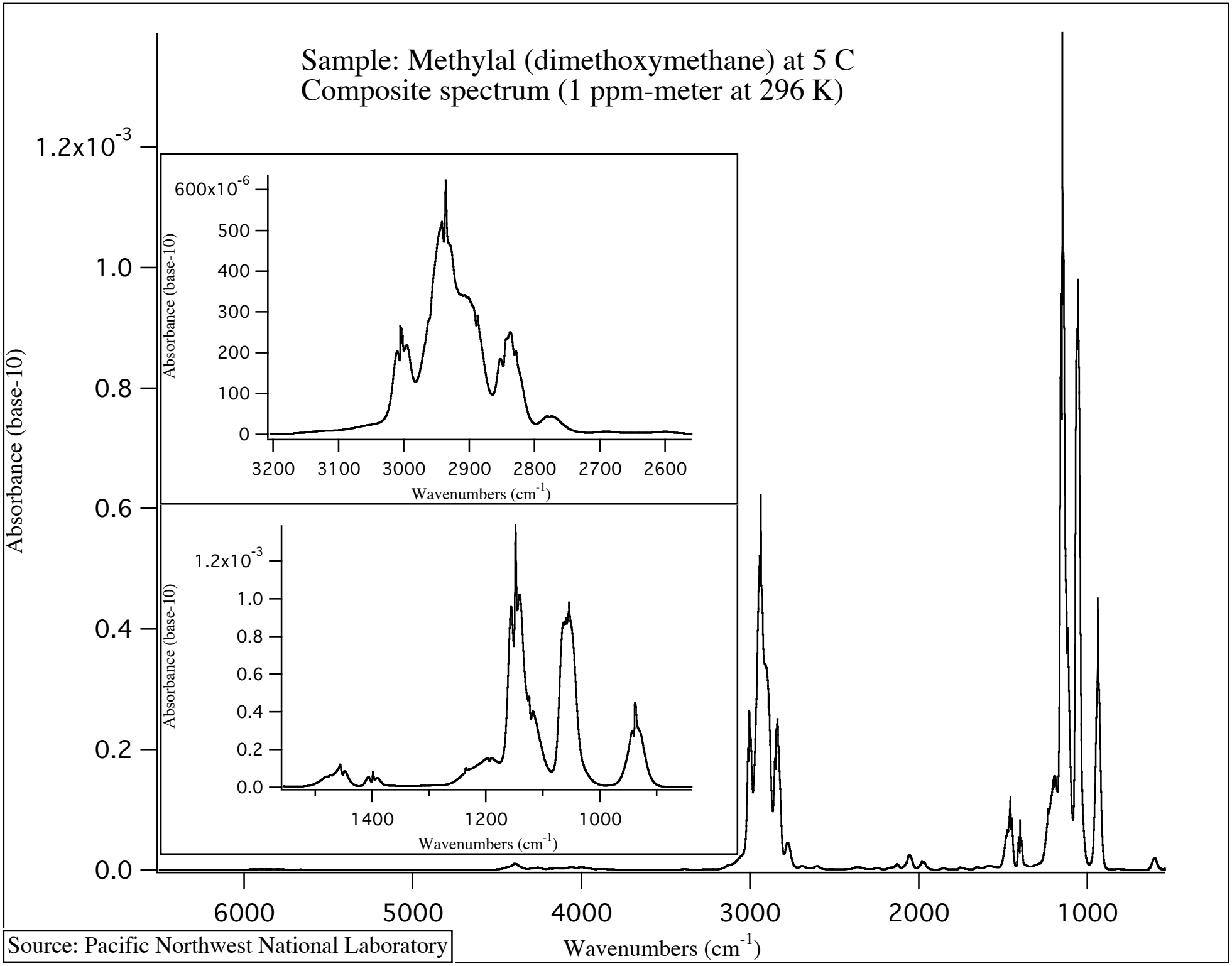
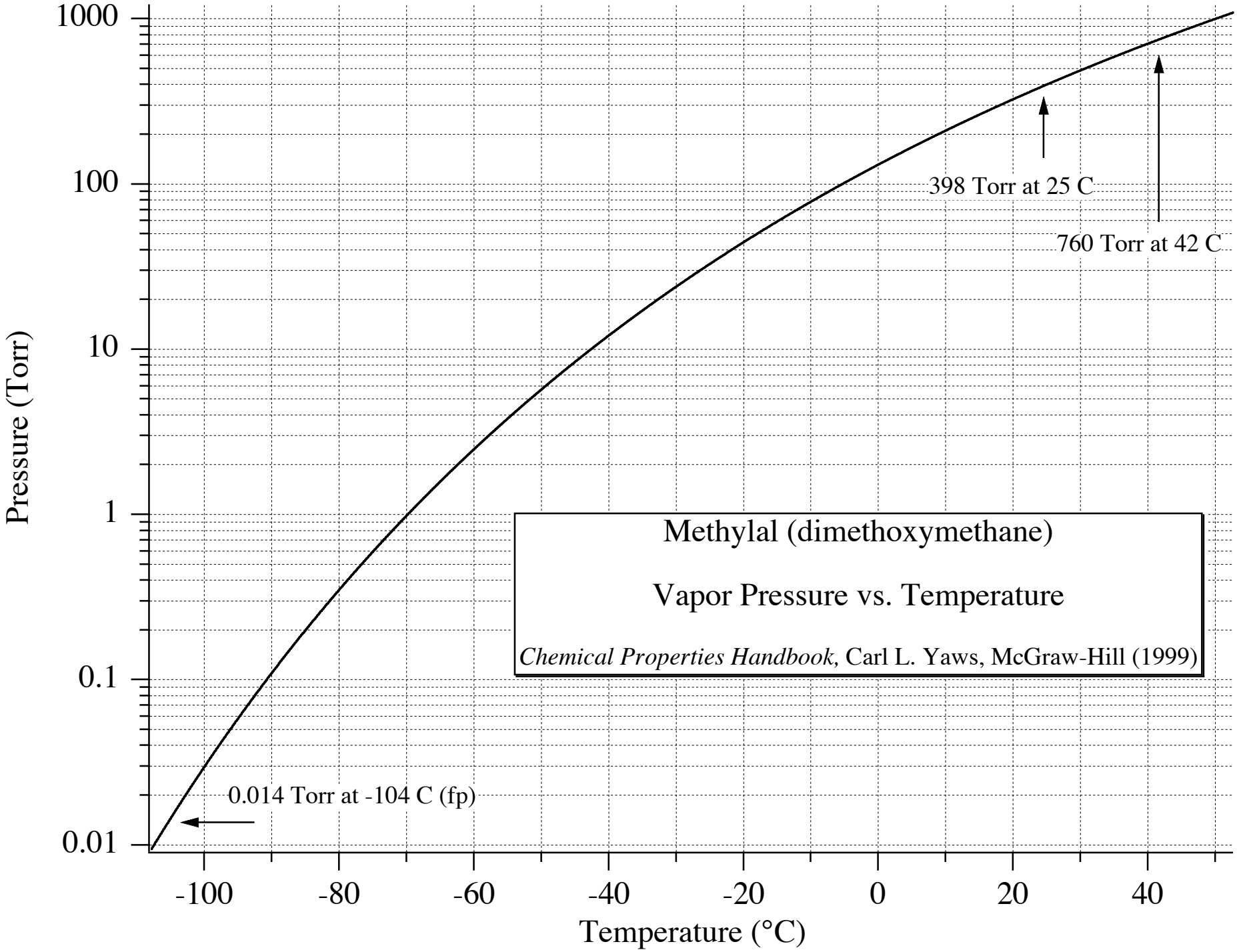

Sample: Methylal (dimethoxymethane) at 5 C
Composite spectrum (1 ppm-meter at 296 K)
Absorbance (base-10)
1.2x10-3
1.0
0.8
0.6
0.4
0.2
0.0
6000
5000
4000
3000
2000
1000
Wavenumbers (cm-1)
600x10-6
500
400
300
200
100
0
3200
3100
3000
2900
2800
2700
2600
1400
1200
1000
Source: Pacific Northwest National Laboratory


Methylal (dimethoxymethane)
Vapor Pressure vs. Temperature
Chemical Properties Handbook, Carl L. Yaws, McGraw-Hill (1999)
398 Torr at 25 C
760 Torr at 42 C
0.014 Torr at -104 C (fp)
Pressure (Torr)
1000
100
10
1
0.1
0.01
-100
-80
-60
-40
-20
0
20
40
Temperature (°C)