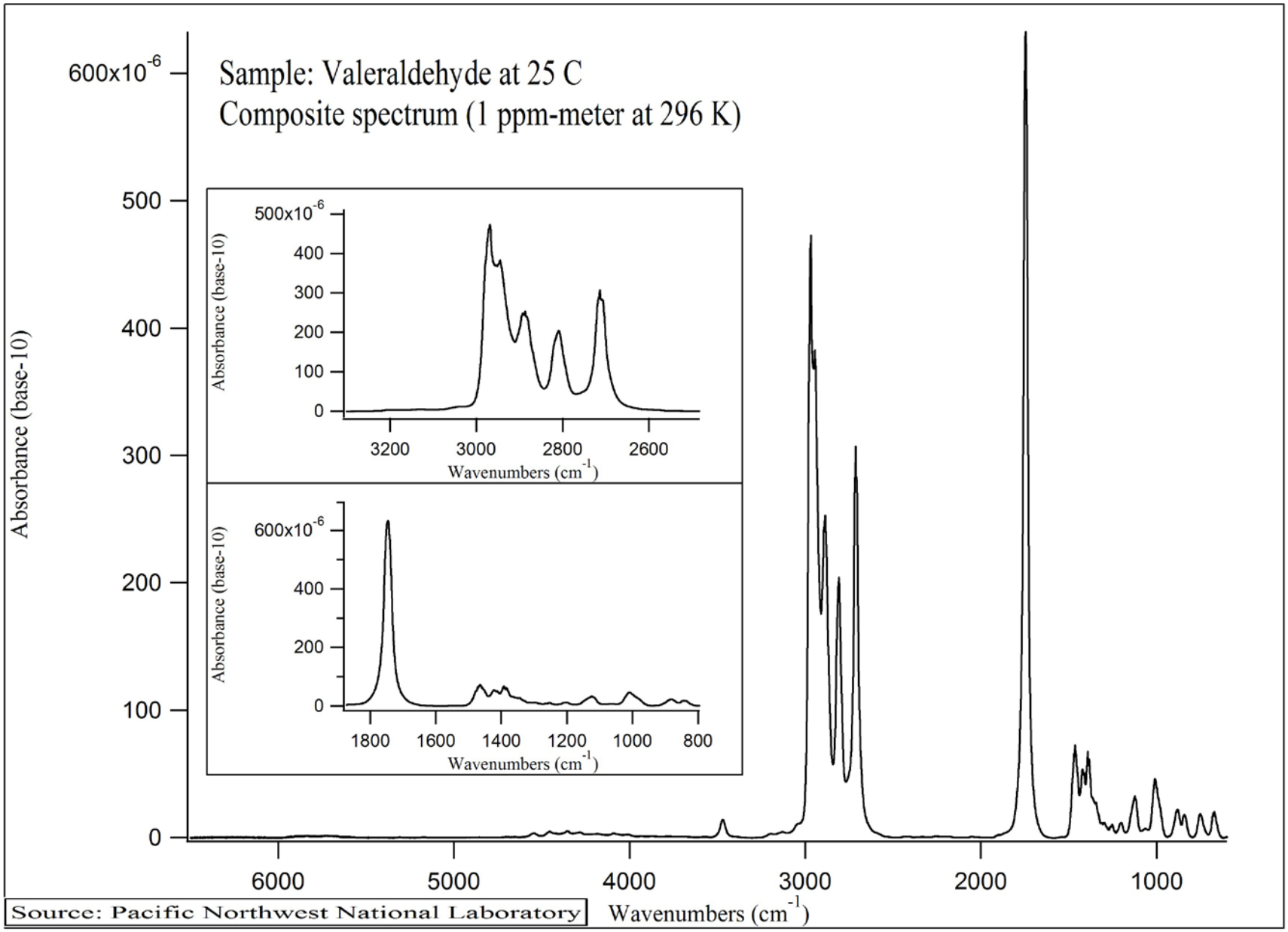
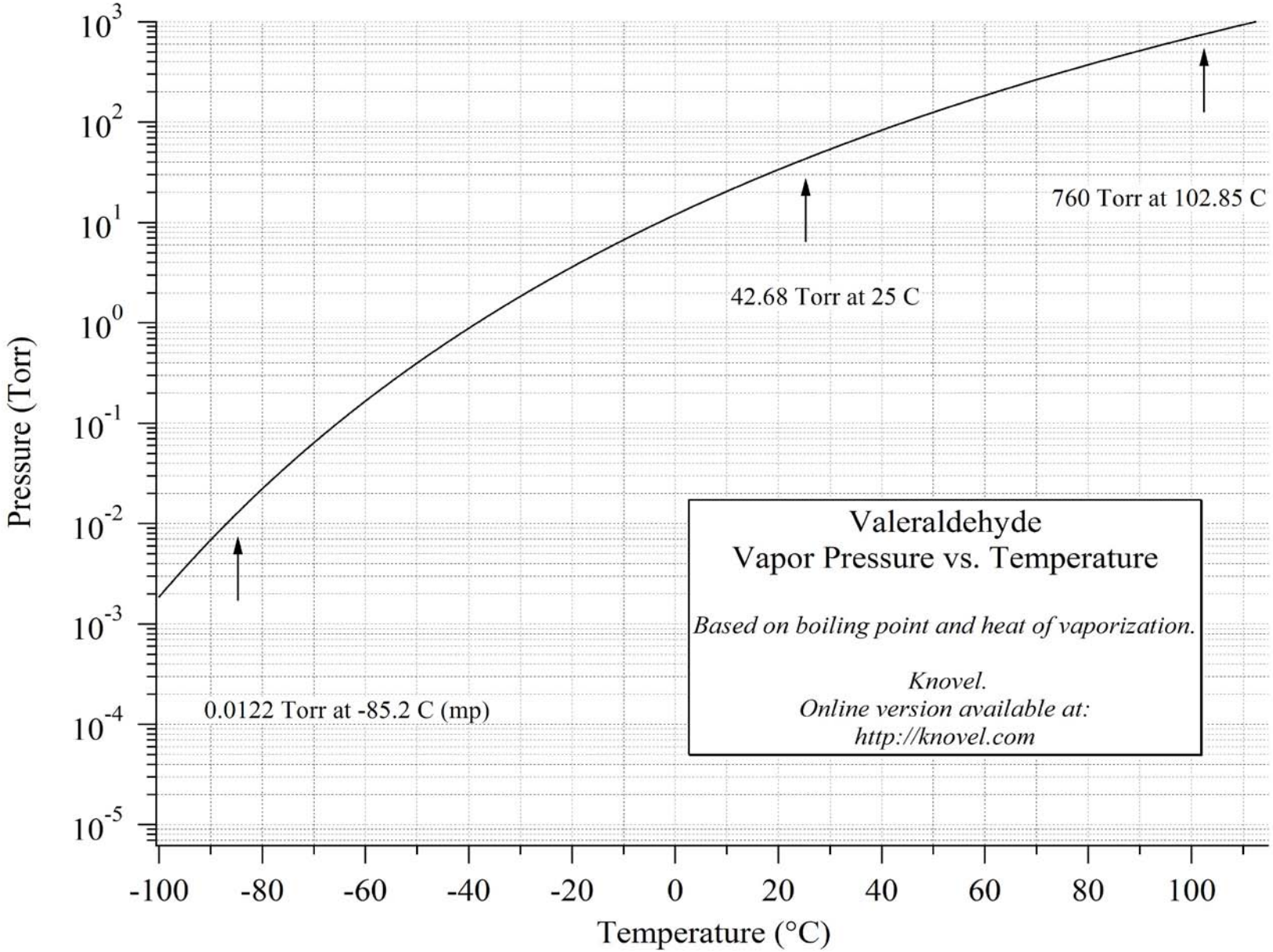

Sample: Valeraldehyde at 25 C
Composite spectrum (1 ppm-meter at 296 K)
Absorbance (base-10)
600x10-6
500
400
300
200
100
0
6000
5000
4000
3000
2000
1000
Wavenumbers (cm-1)
Absorbance (base-10)
500x10-6
400
300
200
100
0
3200
3000
2800
2600
Wavenumbers (cm-1)
Absorbance (base-10)
600x10-6
400
200
0
1800
1600
1400
1200
1000
800
Wavenumbers (cm-1)
Source: Pacific Northwest National Laboratory


Valeraldehyde
Vapor Pressure vs. Temperature
Based on boiling point and heat of vaporization.
Knovel.
Online version available at:
http://knovel.com
760 Torr at 102.85 C
42.68 Torr at 25 C
0.0122 Torr at -85.2 C (mp)
Pressure (Torr)
Temperature (°C)
10^3
10^2
10^1
10^0
10^-1
10^-2
10^-3
10^-4
10^-5
-100
-80
-60
-40
-20
0
20
40
60
80
100