

Chemical Information:

Name: Valeryl chloride
CAS No.: 638-29-9
Tox21_ID No.: Tox21_200690
NTP_CID No.: 1391

Supplier: Acros Organics
Lot No.: A0223703
MW: 120.58 g/mol

Date of Analysis: 22 September 2010

Purity and Identity Results:

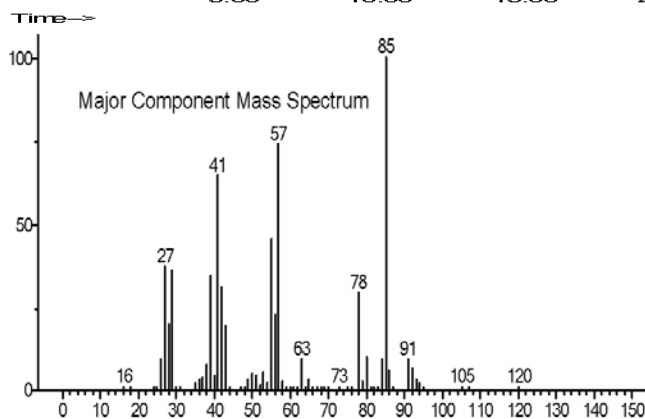
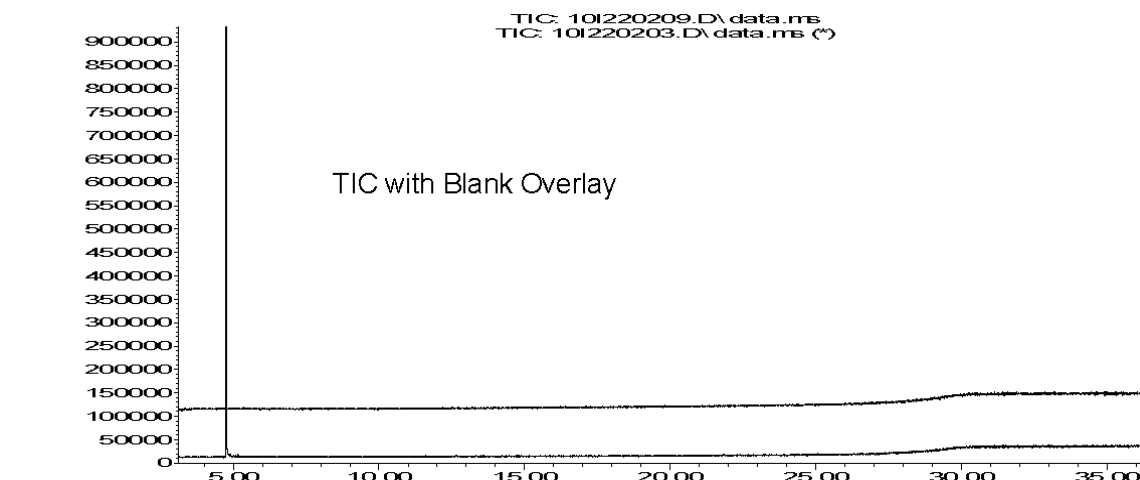
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Valeryl chloride	4.74	100.00

^a Peaks comprising $\geq 0.5\%$ of total area.

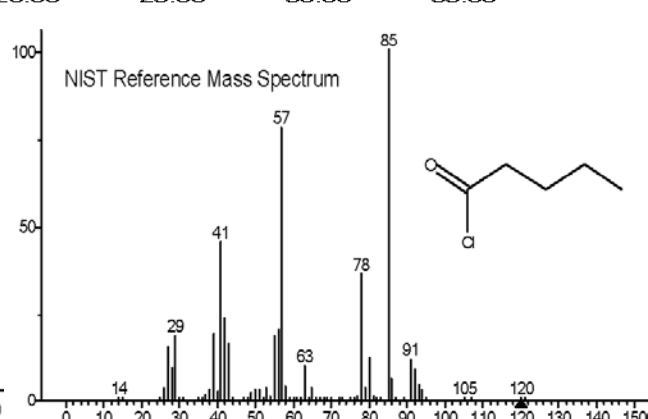
GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Dichloromethane
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25- μ m film thickness
Carrier Gas	Helium at 1.0 mL/min
Oven Program	35°C, hold 2 min; ramp @ 10°C/min to 310°C, hold 7 min
Source Temperature	230°C
Auxiliary Temperature	150°C
Scan Range	15 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ L / Split (100:1)
Data Analysis Software	MSD Chemstation, v D.03.00.SP1 and NIST Library v 2.0f, build 10/8/2008

Abundance



(Text File) Scan 298 (4.744 min): 10I220209.D\data.ms (-294)



(replib) Pentanoyl chloride