

Chemical Information:

Name: 2-Chloropropanoic acid
CAS No.: 598-78-7
Tox21_ID No.: Tox21_200650
NTP_CID No.: 4960

Supplier: Alfa Aesar
Lot No.: E7360B
MW: 108.52 g/mol

Date of Analysis: 06 August 2009

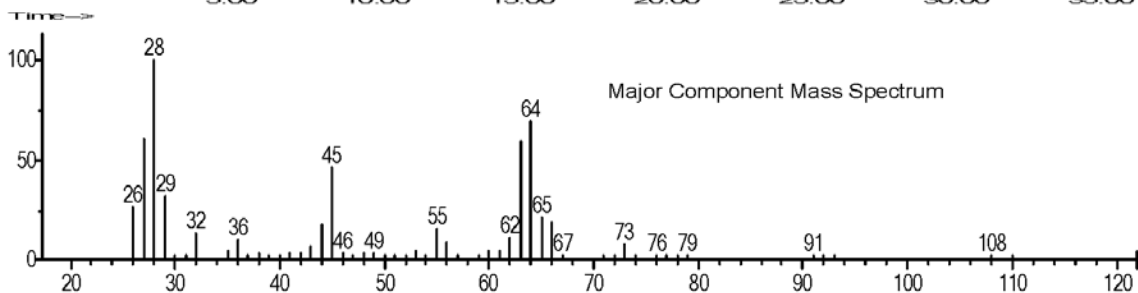
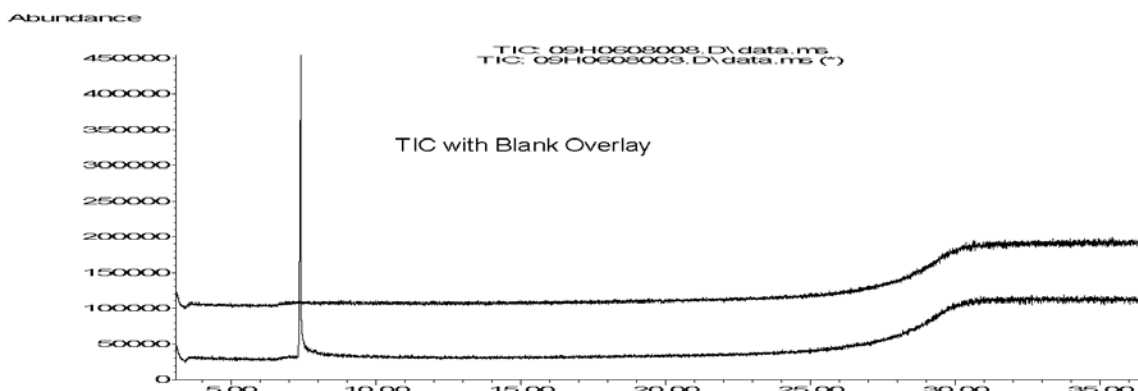
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
2-Chloropropanoic acid	7.39	100.00

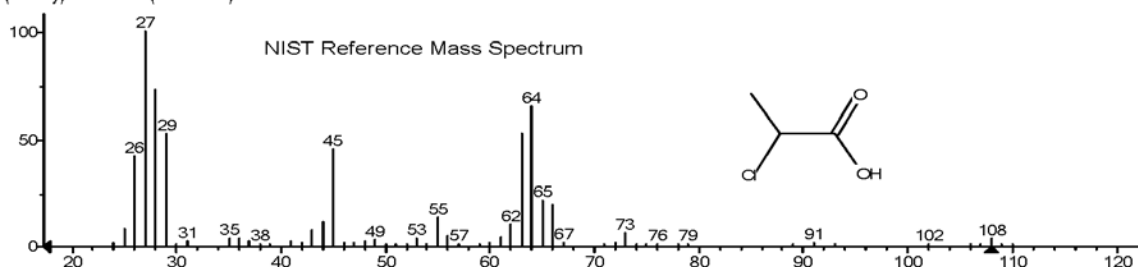
^a Peaks comprising $\geq 0.5\%$ of total area.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Ethanol (~ 1 mg/mL)
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	250°C
Scan Range	25 – 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 10/08/2008



(History) Scan 791 (7.390 min): 09H0608008.D\data.ms



MW: 108 CAS# 598-78-7 (mainlib) Propanoic acid, 2-chloro-

