

Chemical Information:

Name: 3,4-Dichloroaniline

CAS No.: 95-76-1

Tox21_ID No.: Tox21_202115

NTP_CID No.: 303

Supplier: Sigma-Aldrich

Lot No.: 12519DQ

MW: 162.02 g/mol

Date of Analysis: 24 October 2007

Purity and Identity Results:

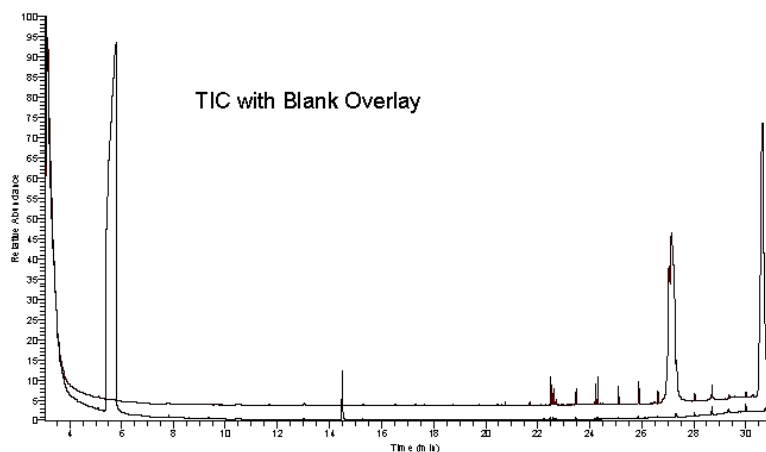
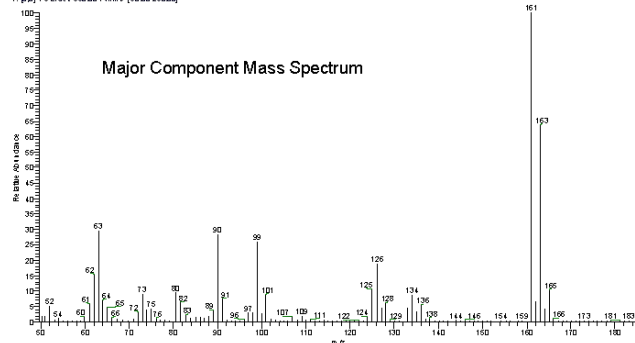
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.78	Not applicable
3,4-Dichloroaniline	14.49	99.54

^a Peaks comprising ≥ 0.5% of total area.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph / Mass Spectrometer / Electron Impact
Solvent	Dichloromethane (100 mM in DMSO, diluted 1/1000 with dichloromethane)
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25-μm 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 2 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	35 – 250 amu
Injector Temperature	250°C
Injection Volume / Mode	2 μL / Splitless
Run Time	31.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 1.7, build 11/5/1999

RT: 3.05 - 31.50 SM 30


DT16429 #1079 RT: 14.49 AM: 1 58:12 14.44, 14.62 NL: 9.9005
T: (0.0) A: 0.0000 W: 0.0000 P: 0.0000 S: (0.0000-0.0000)


NIST Reference Mass Spectrum

