

Chemical Information:

Name: 2,4,6-Trichloroaniline

Date of Analysis: 4 Apr 2007

CAS No.: 634-93-5

Supplier: Sigma-Aldrich

Tox21_ID No.: Tox21_201063

Lot No.: 3162X

NTP_CID No.: 153

MW: 196.46 g/mol

Purity and Identity Results:

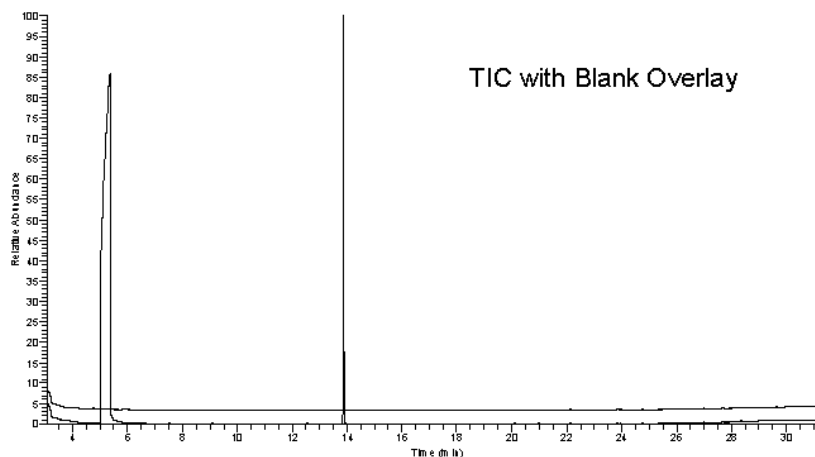
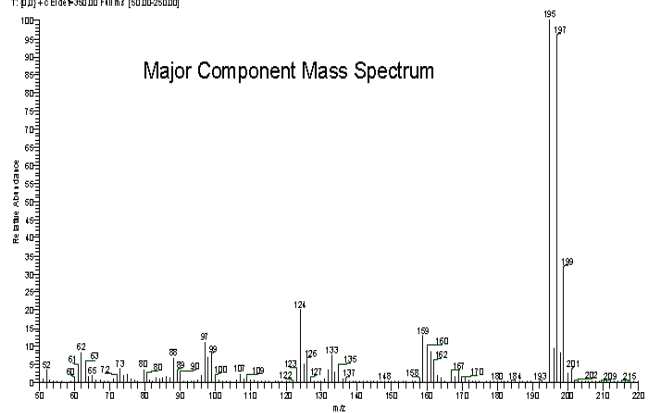
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.35	Not applicable
2,4,6-Trichloroaniline	13.87	99.87

^a Peaks comprising ≥ 0.5% of total area.

GC/MS Instrument Parameters:

Instrument / Ionization	ThermoFinnigan TraceGC with ThermoFinnigan TraceMS / 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	50 – 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: 3G


01:01:02 #1302 RT: 13.85 AC: 1 S8: 2 13.82, 13.91 NL: 297.66
T: 0.02 + 0.00e+000.00 Files: [50.00-250.00]

NIST Reference Mass Spectrum
