

Chemical Information:

Name: Dibromoacetonitrile

Date of Analysis: 22 September 2010

CAS No.: 3252-43-5

Supplier: Acros Organics

Tox21_ID No.: Tox21_202319

Lot No.: A0226001

NTP_CID No.: 704

MW: 198.84 g/mol

Purity and Identity Results:

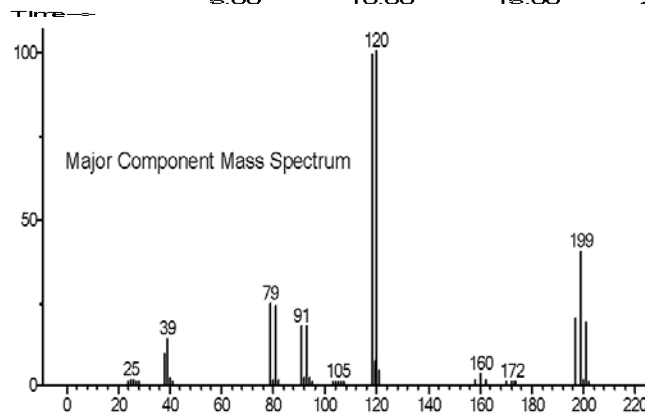
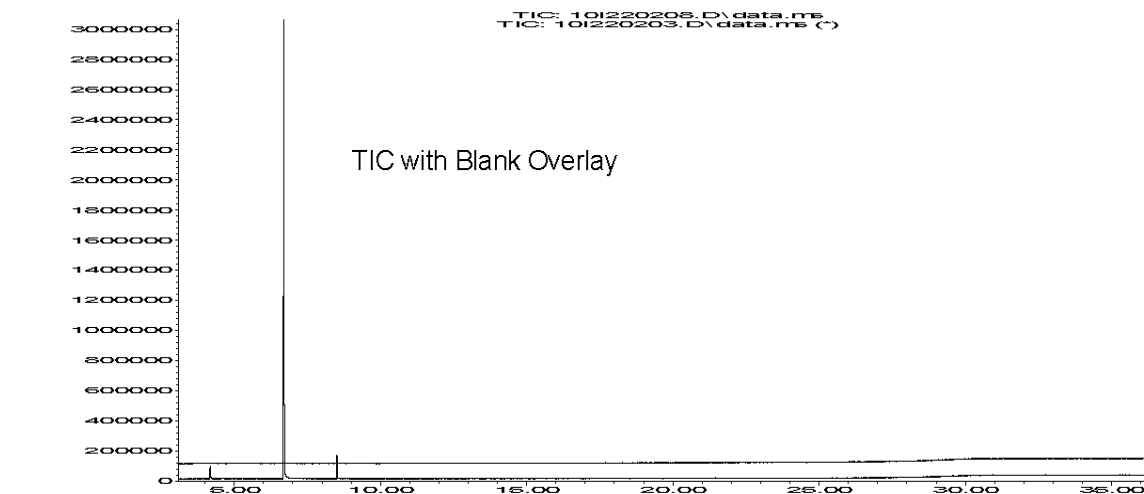
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Unknown	4.18	2.56
Dibromoacetonitrile	6.69	92.06
C ₃ H ₂ Br ₂	8.50	5.38

^a Peaks comprising ≥ 0.5% of total area.

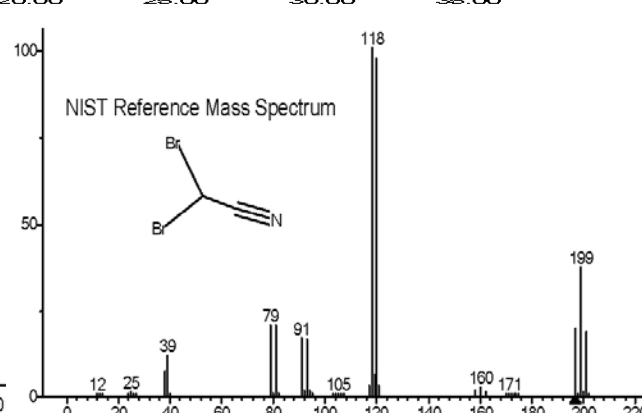
GC/MS Instrument Parameters:

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-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 7 min
Source Temperature	230°C
Auxiliary Temperature	150°C
Scan Range	15 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μL / 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 648 (6.691 min): 101220208.D\data.ms (-639)



(replib) Acetonitrile, dibromo-