User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/12/2002 Time: 15:05:46

Sample: AE03073
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/12/02 15:04 Ended: 3/12/02 15:04 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		88		5.0

Comments for Sample AE03073 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-12-2002 Time: 15:05:50

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\03073.D Vial: 7
Acq On : 1 Mar 2002 5:18 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 04 05:50:21 2002 Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	150	1533835	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	4038564	20.00	ug/L	0.00
17) Acenaphthene-d10	18.17	164	2246456	20.00	ug/L	0.00
29) Phenanthrene-d10	22.52	188	3441877	20.00	ug/L	0.00
38) Chrysene-d12	30.34	240	3280651	20.00	ug/L	-0.02
44) Perylene-d12	34.21	264	2111566	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.46	235	240557	4.40	ug/L	0.00
Spiked Amount 5.000			Recovery = 88.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D. d		
3) bis(2-chloroethyl) ether	0.00	93	0	N.D.		
4) 1,3 - Dichlorobenze	0.00	146	0	N.D.		
5) 1,4 - Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2 - Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2 ' - oxybis (1-Chloropr	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy) methan	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D. d		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	0.00	149	0	N.D.		
26) 4-Chlorophenyl-phenyl ethe	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
30) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
31) 4-Bromophenyl-phenyl ether	0.00	248	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) Phenanthrene	0.00	178	0	N.D.		
34) Anthracene	0.00	178	0	N.D.		
35) Di-n-butylphthalate	24.67	149	4134	0.02	ug/L	79
36) Fluoranthene	0.00	202	0	N.D.		
39) Pyrene	0.00	202	0	N.D.		
40) Butylbenzylphthalate	0.00	149	0	N.D.		
41) Benzo (a) antracene	0.00	228	0	N.D. d		
42) Bis (2-ethylhexyl) phthala	30.93	149	15470	0.10	ug/L	95
43) Chrysene	0.00	228	0	N.D. d		
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo (b) fluoranthene	0.00	252	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Data File : C:\MSDCHEM\1\DATA\022802\03073.D Vial: 7
Acq On : 1 Mar 2002 5:18 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 04 05:50:21 2002 Quant Results File: 5080202.RES

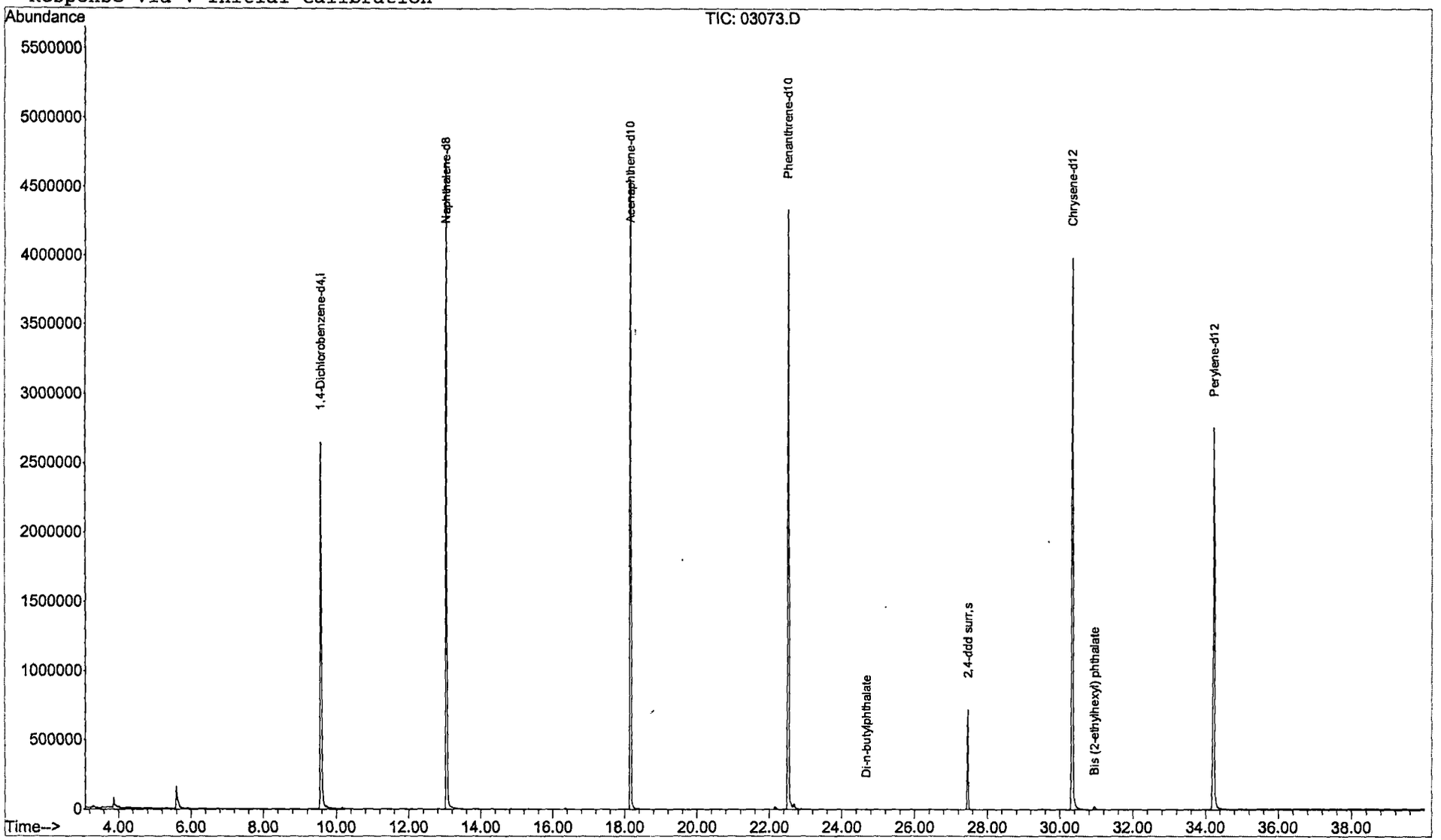
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47)	Benzo (k) fluoranthene	0.00	252	0	N.D.	
48)	Benzo (a) pyrene	0.00	252	0	N.D. d	
49)	Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
50)	Dibenz (a,h) anthracene	0.00	278	0	N.D.	
51)	Benzo (g,h,i) perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Data File : C:\MSDCHEM\1\DATA\022802\03073.D Vial: 7
Acq On : 1 Mar 2002 5:18 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 4 5:51 2002 Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Feb 25 19:17:14 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\022802\03073.D Vial: 7
Acq On : 1 Mar 2002 5:18 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

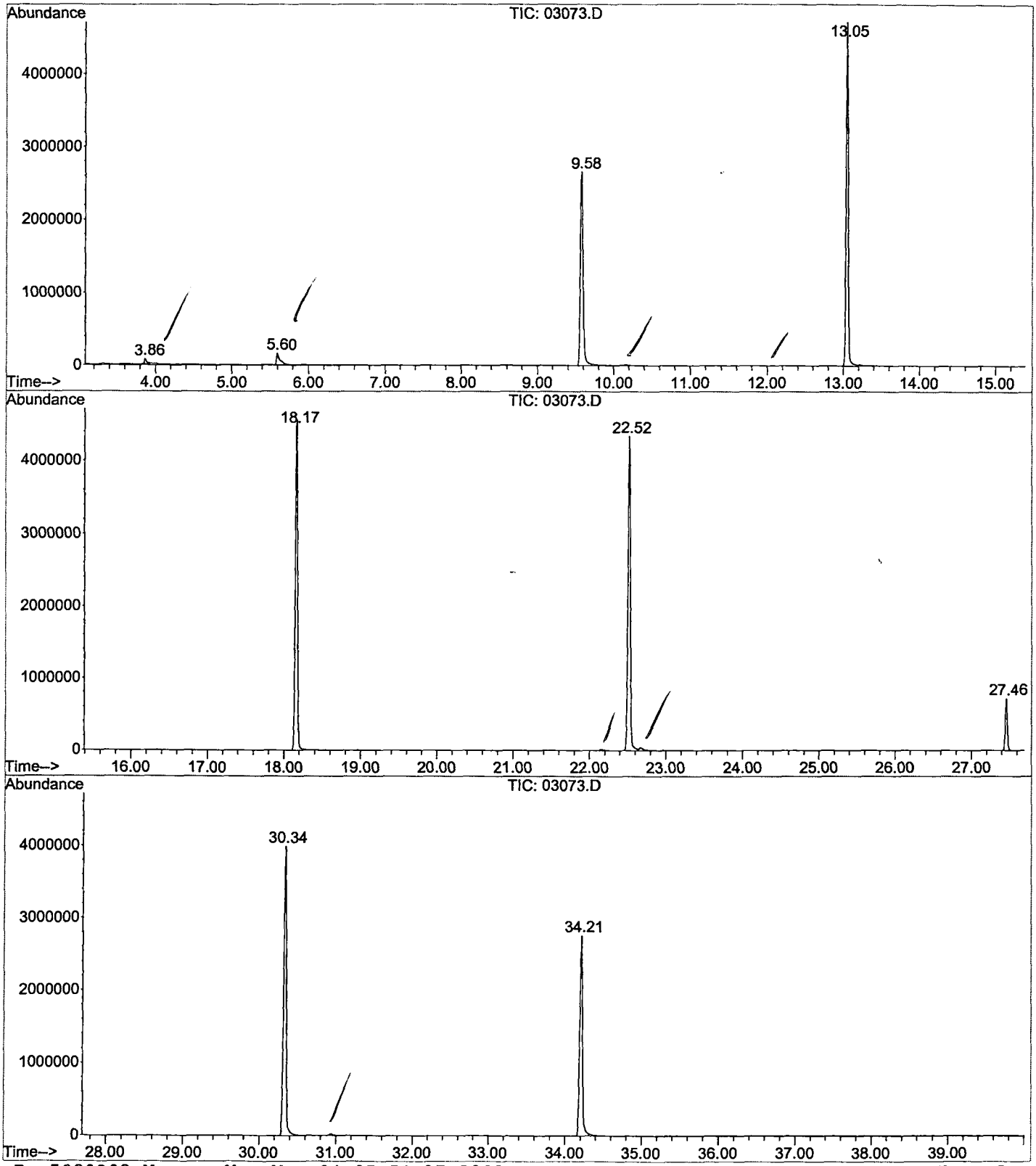
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.865	84	87	94	rBV	69793	143599	1.50%	0.274%
2	5.597	275	278	294	rBV	158940	483989	5.06%	0.924%
3	9.579	712	717	732	rBV	2653563	6439626	67.29%	12.291%
4	13.053	1094	1100	1115	rBV	4711812	8758534	91.53%	16.717%
5	18.169	1657	1664	1684	rBV	4559262	9374099	97.96%	17.892%
6	22.522	2137	2144	2156	rBV2	4339179	9504079	99.32%	18.140%
7	27.457	2683	2688	2698	rBV	719040	1277000	13.34%	2.437%
8	30.341	2998	3006	3026	rBV2	3989364	9569319	100.00%	18.265%
9	34.214	3425	3433	3444	rBV	2759157	6842453	71.50%	13.060%

Sum of corrected areas: 52392698

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\022802\03073.D
Operator : McLean
Acquired : 1 Mar 2002 5:18 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 2/12/02 GC SCAN
Misc Info :
Vial Number: 7
Quant File :5080202.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\022802\03073.D Vial: 7
Acq On : 1 Mar 2002 5:18 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

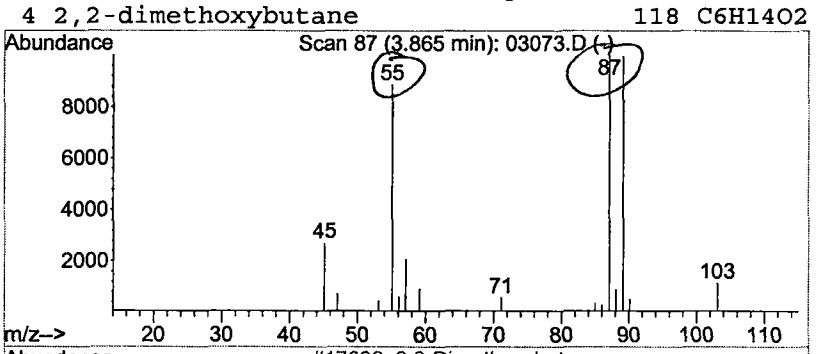
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

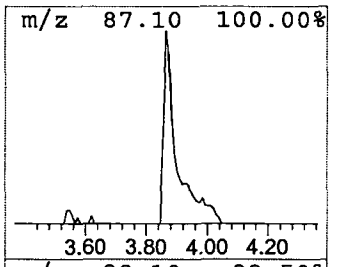
****

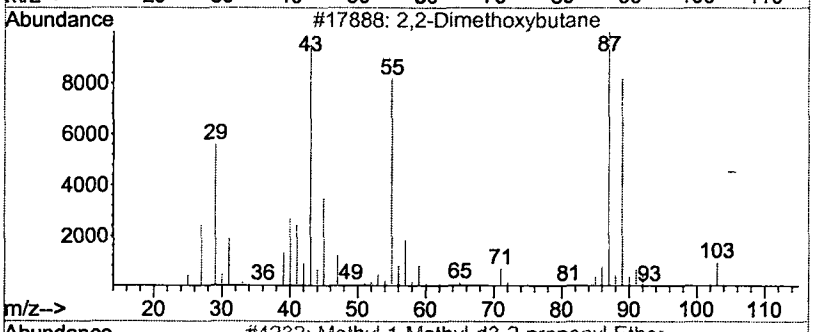
Peak Number 1 2,2-Dimethoxybutane Concentration Rank 2

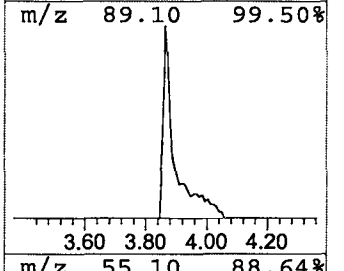
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.86	0.45 ug/L	143599	1,4-Dichlorobenzene-d4	9.58

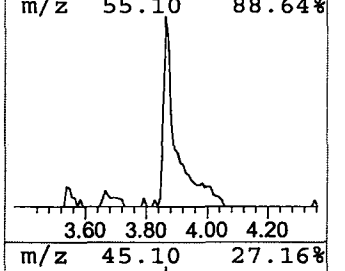
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethoxybutane	118	C6H14O2	003453-99-4	74
2	Methyl 1-Methyl-d3-2-propenyl Ether	89	C5H7D3O	000000-00-0	42
3	Thiazolidine (CAS) $$ Tetrahydro...	89	C3H7NS	000504-78-9	36
4	2,2-dimethoxybutane	118	C6H14O2	003453-99-4	27

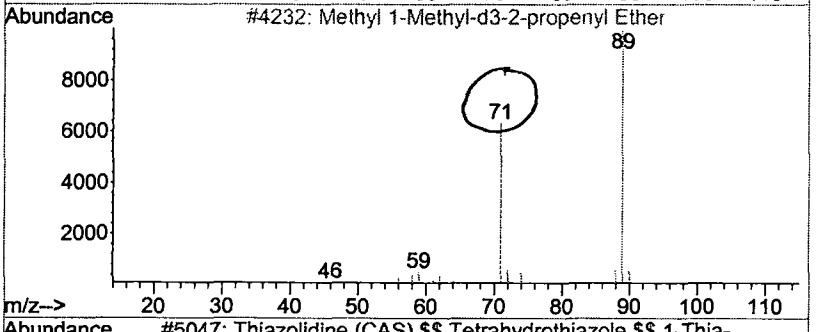


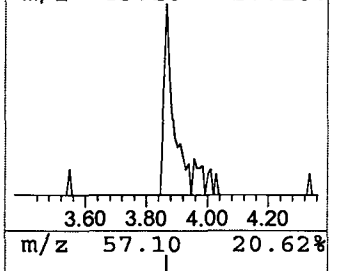


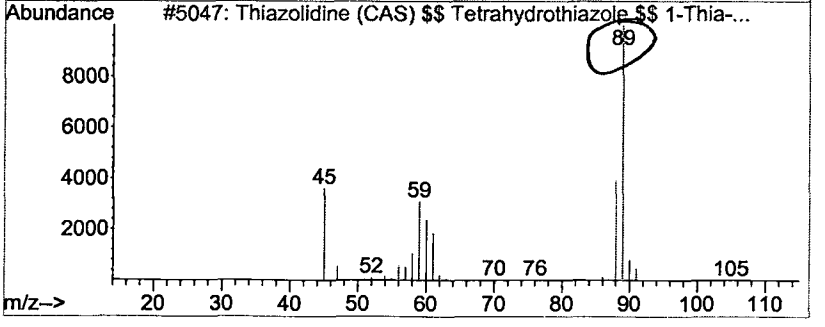


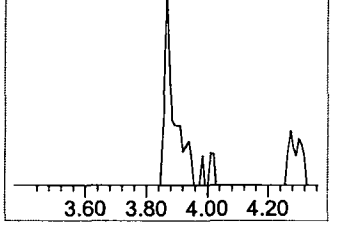












Data File : C:\MSDCHEM\1\DATA\022802\03073.D Vial: 7
Acq On : 1 Mar 2002 5:18 pm Operator: McLean
Sample : 2/12/02 GC SCAN Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

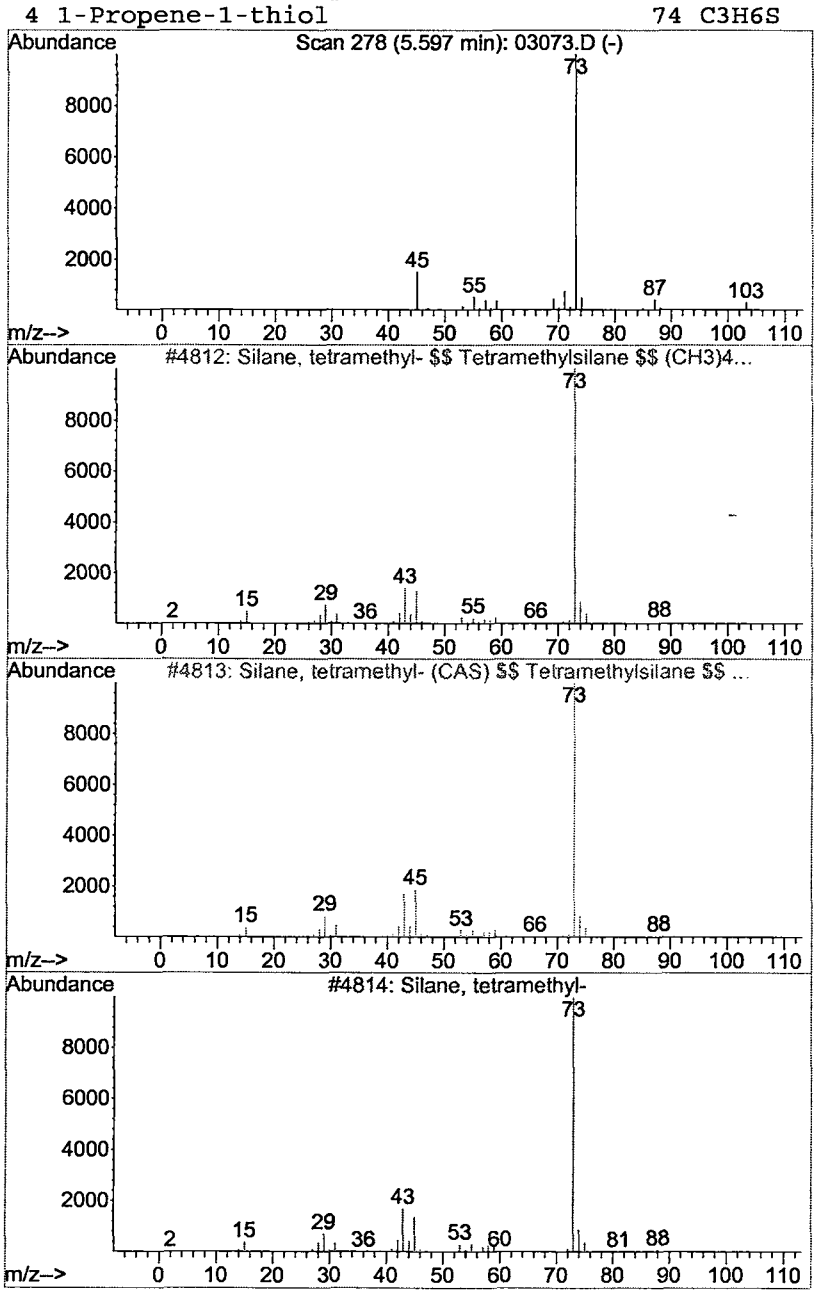
Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

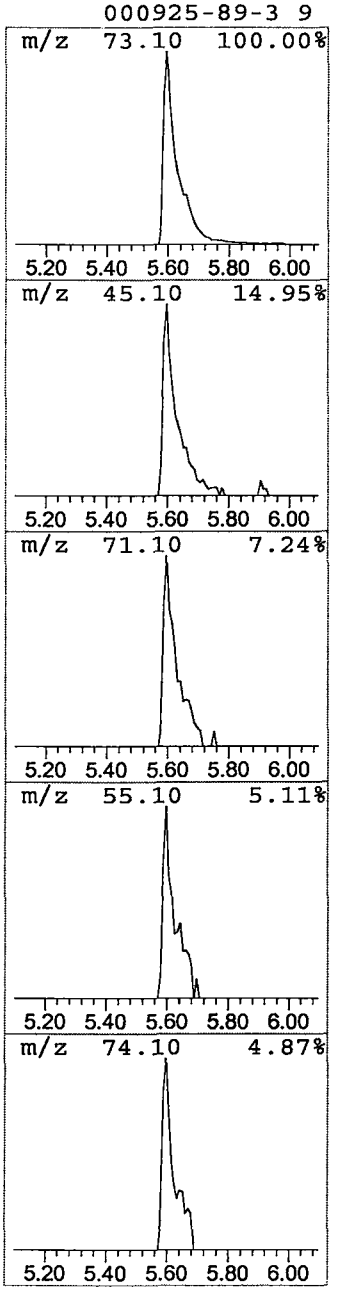
****

Peak Number 2 Silane, tetramethyl- $$ Tet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	1.50 ug/L	483989	1,4-Dichlorobenzene-d4	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl- $$ Tetramet...	88	C4H12Si	000075-76-3	52
2	Silane, tetramethyl- (CAS) $$ Te...	88	C4H12Si	000075-76-3	50
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	9





Tentatively Identified Compound (TIC) Summary

Operator ID: McLean Date Acquired: 1 Mar 2002 5:18 pm
Data File: C:\MSDCHEM\1\DATA\022802\03073.D
Name: 2/12/02 GC SCAN
Misc:
Method: C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
2,2-Dimethoxybutane	3.86	0.4	ug/L	143599	1	9.58	6439630	20.0
Silane, tetrameth...	5.60	1.5	ug/L	483989	1	9.58	6439630	20.0