

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/11/2002 Time: 14:26:19

Sample: AE07518
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/11/02 14:26 Ended: 4/11/02 14:26 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 AE07518 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-11-2002 Time: 14:26:28

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\020404\07518.D

Vial: 14

Acq On : 4 Apr 2002 7:05 pm

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: EVENTS.E

Quant Time: Apr 05 14:28:43 2002

Quant Results File: SCAN020403.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)

Title : Method 508 GC/MS Scan

Last Update : Fri Apr 05 14:03:06 2002

Response via : Initial Calibration

DataAcq Meth : 508SCAN1

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	10.66	152	2534964	20.00	ug/l	0.00
10) Naphthalene-d8	15.77	136	9340019	20.00	ug/l	0.00
17) Acenaphthene-d10	23.66	164	5298397	20.00	ug/l	-0.01
31) Phenanthrene-d10	30.89	188	8537728	20.00	ug/l	0.00
39) Chrysene-d12	39.09	240	6371720	20.00	ug/l	-0.02
45) Perylene-d12	42.30	264	3380885	20.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	26.72	207	182907	3.53	ug/l	0.00
Spiked Amount	4.000		Recovery	=	88.25%	

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
07518.D SCAN020403.M Fri Apr 05 14:28:57 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020404\07518.D

Acq On : 4 Apr 2002 7:05 pm

Sample : sample

Misc :

MS Integration Params: EVENTS.E

Quant Time: Apr 5 14:28 2002

Vial: 14

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

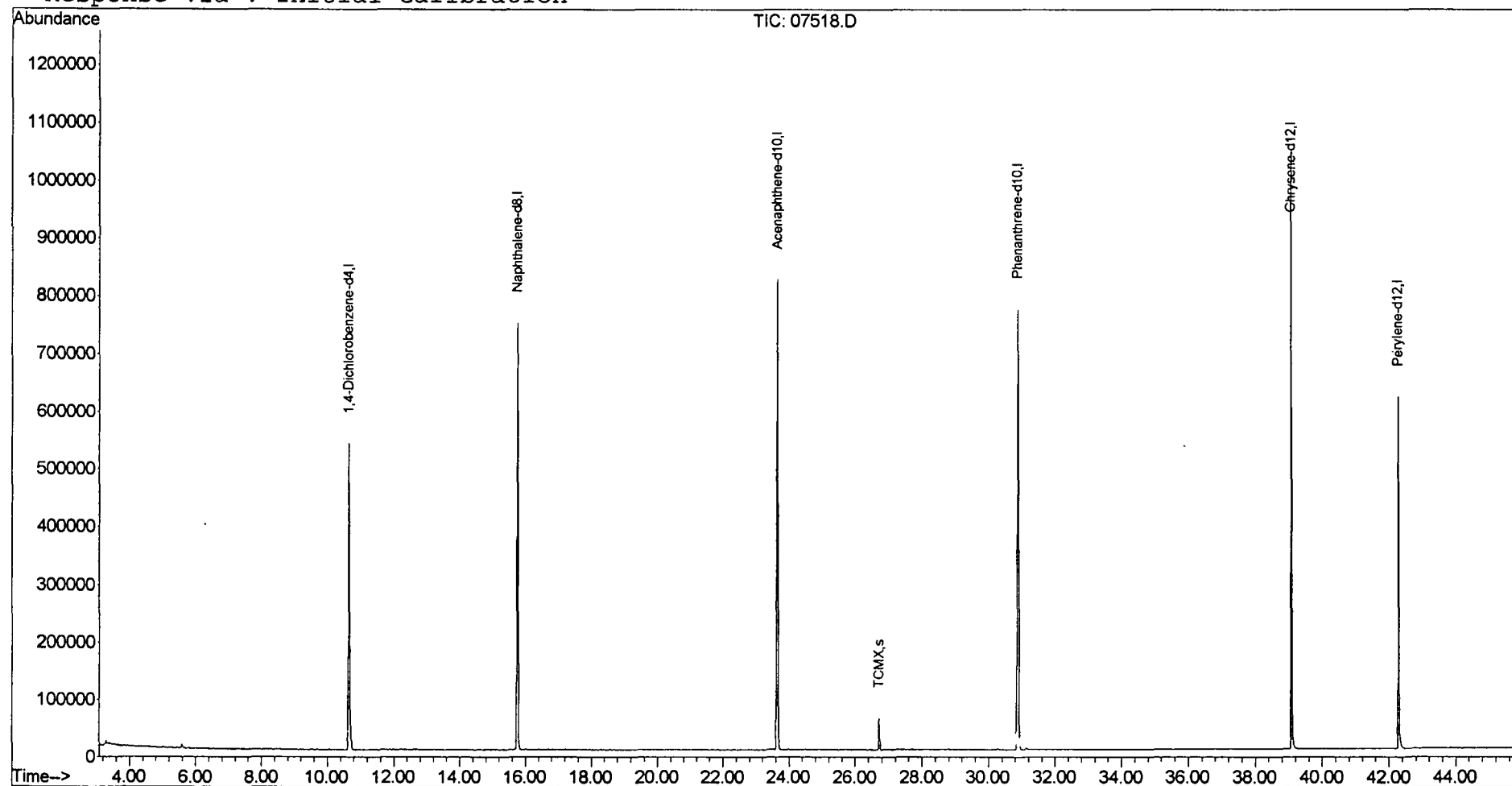
Quant Results File: SCAN020403.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)

Title : Method 508 GC/MS Scan

Last Update : Fri Apr 05 14:03:06 2002

Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020404\07518.D

Acq On : 4 Apr 2002 7:05 pm

Sample : sample

Misc :

MS Integration Params: LSCINT.e

Vial: 14

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)

Title : Method 508 GC/MS Scan

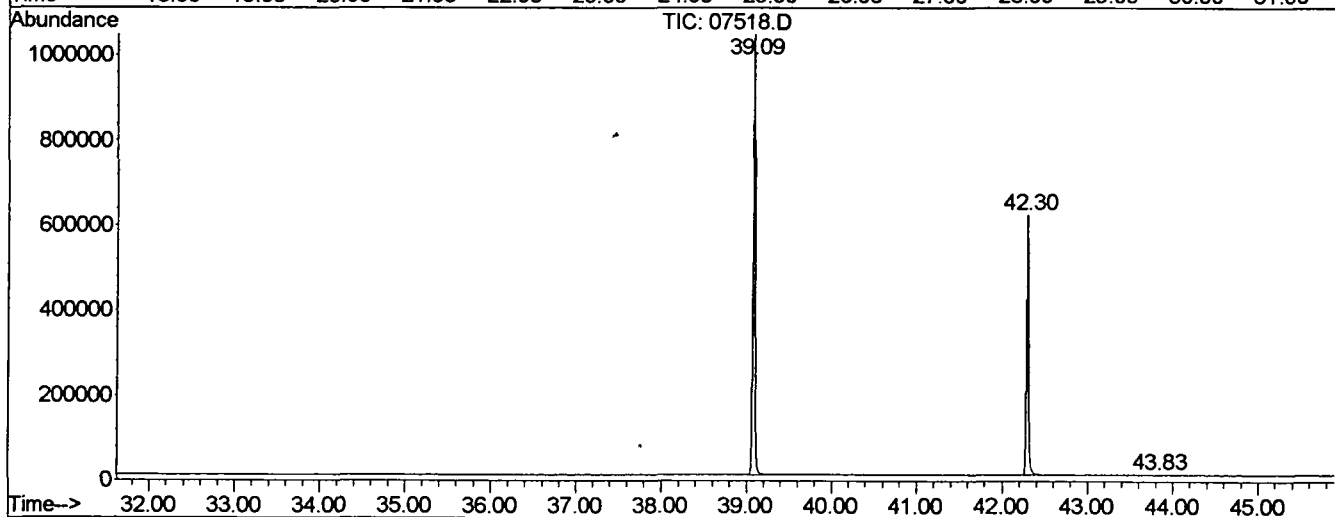
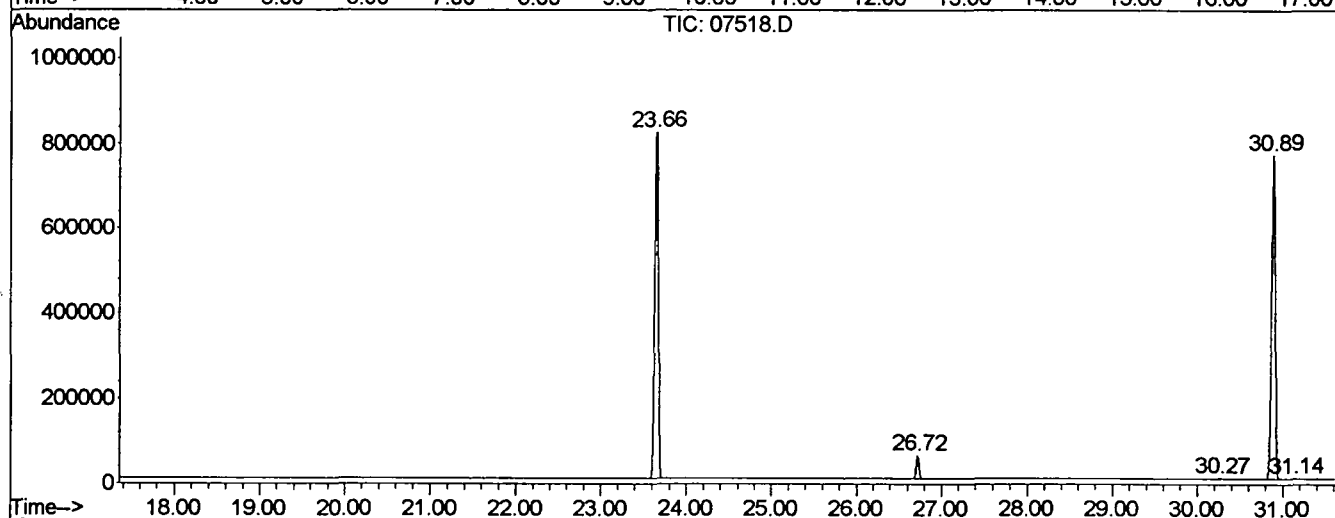
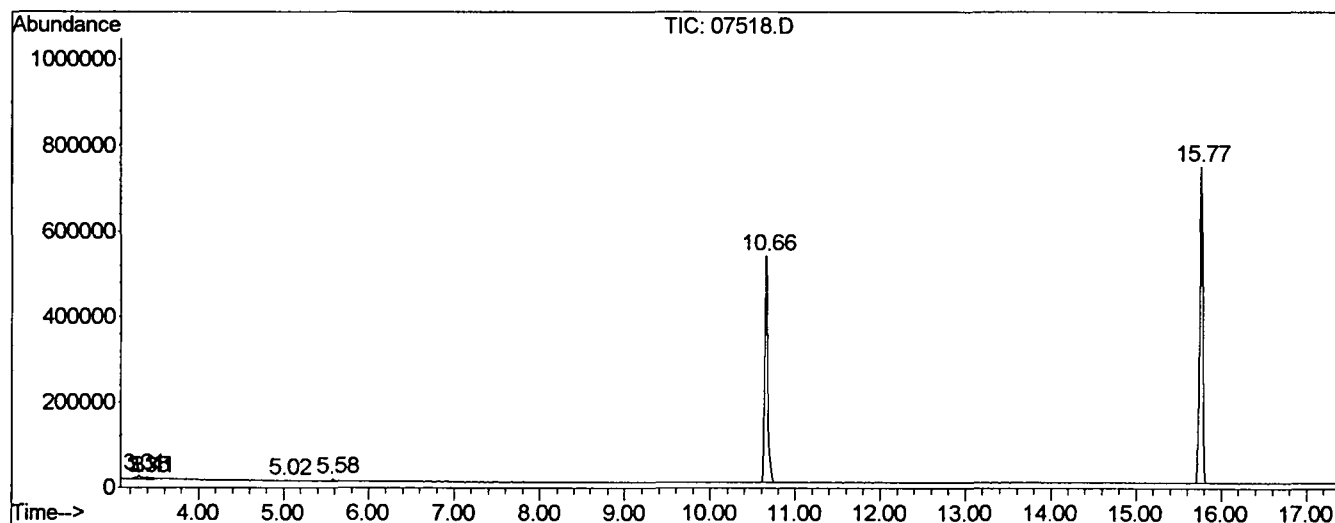
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.308	21	39	45	PV 5	9650	374253	1.78%	0.361%
2	3.355	45	47	52	VV 3	4609	109221	0.52%	0.105%
3	3.408	52	56	69	VV 5	4975	225015	1.07%	0.217%
4	5.024	326	331	340	PV 3	1777	37871	0.18%	0.037%
5	5.582	418	426	440	PV 3	6097	140944	0.67%	0.136%
6	10.659	1280	1290	1314	PV	528638	13301133	63.12%	12.826%
7	15.765	2147	2159	2170	PV	732044	17535785	83.22%	16.909%
8	23.656	3490	3502	3515	PV	810450	20637674	97.94%	19.901%
9	26.723	4015	4024	4036	VV 2	54373	1215324	5.77%	1.172%
10	30.266	4615	4627	4633	VV 2	2267	68569	0.33%	0.066%
11	30.894	4720	4734	4751	PV 2	755426	21072220	100.00%	20.320%
12	31.135	4767	4775	4783	VV 2	2349	70745	0.34%	0.068%
13	39.091	6119	6129	6158	PV 2	999514	17857691	84.75%	17.220%
14	42.299	6665	6675	6701	VV	610136	11019243	52.29%	10.626%
15	43.832	6930	6936	6945	VV 2	1830	38101	0.18%	0.037%

Sum of corrected areas: 103703791

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020404\07518.D
 Operator : Nefliu
 Acquired : 4 Apr 2002 7:05 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 14
 Quant File :SCAN020403.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020404\07518.D

Acq On : 4 Apr 2002 7:05 pm

Sample : sample

Misc :

MS Integration Params: LSCINT.e

Vial: 14

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)

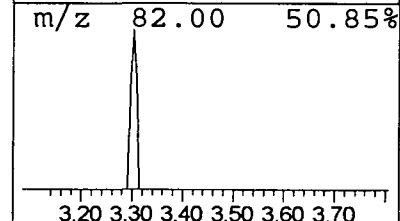
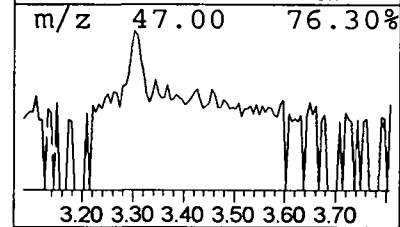
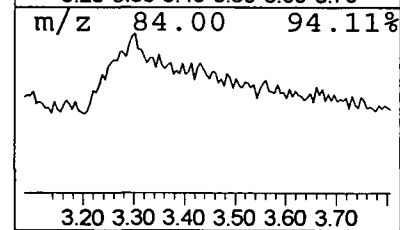
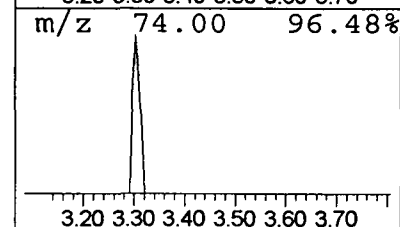
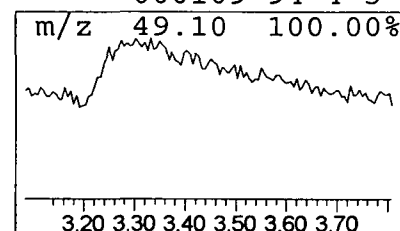
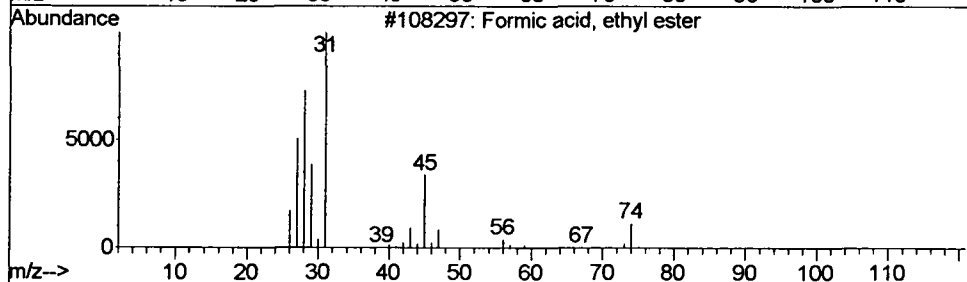
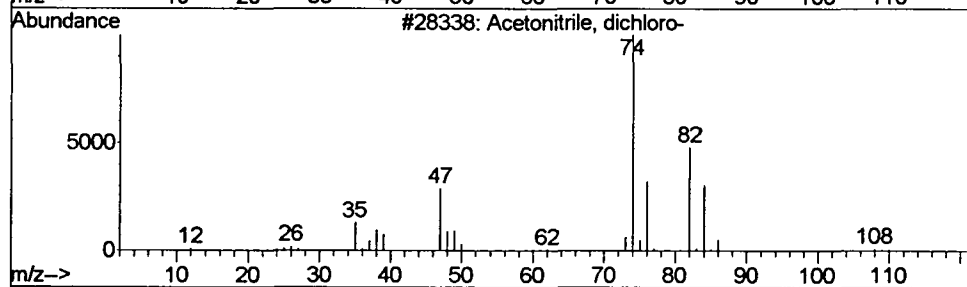
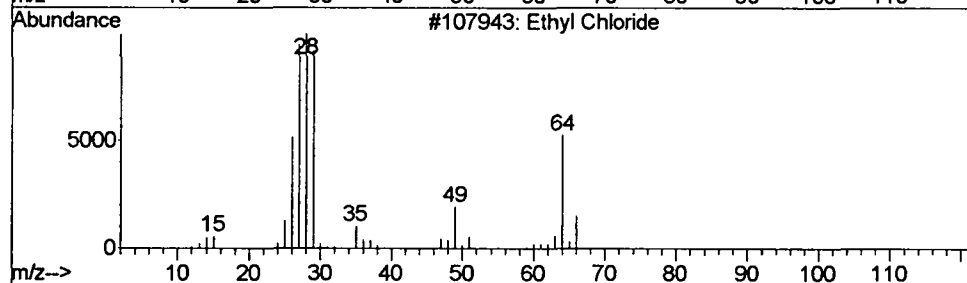
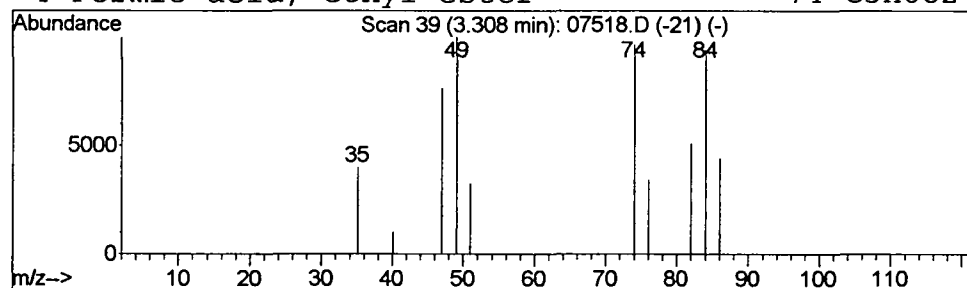
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 1 Ethyl Chloride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.31	0.56 ug/l	374253	1,4-Dichlorobenzene-d4	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
2		Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	4
3		Formic acid, ethyl ester	74	C3H6O2	000109-94-4	3
4		Formic acid, ethyl ester	74	C3H6O2	000109-94-4	3



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020404\07518.D

Acq On : 4 Apr 2002 7:05 pm

Sample : sample

Misc :

MS Integration Params: LSCINT.e

Vial: 14

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)

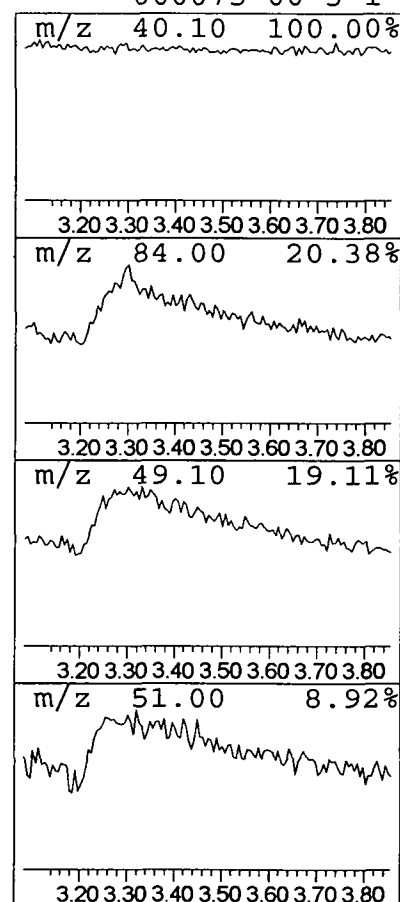
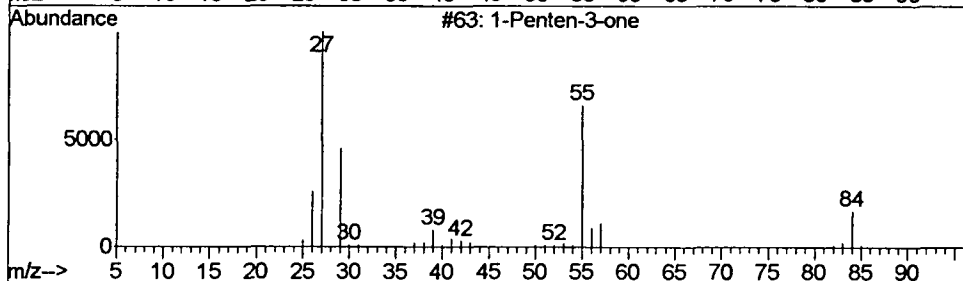
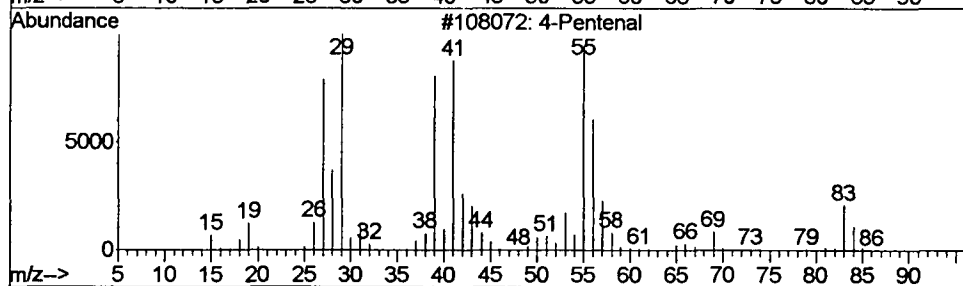
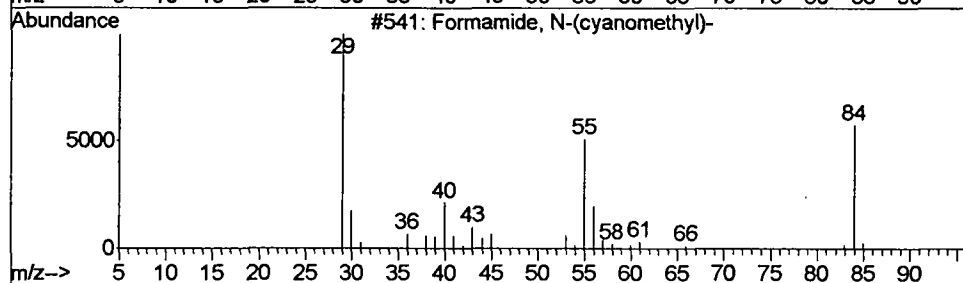
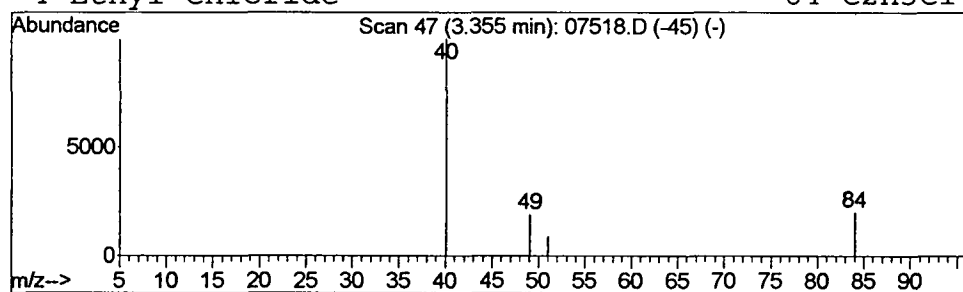
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 2 Formamide, N-(cyanomethyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.35	0.16 ug/l	109221	1,4-Dichlorobenzene-d4	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Formamide, N-(cyanomethyl)-	84	C3H4N2O	005018-27-9	2
2		4-Pentenal	84	C5H8O	002100-17-6	1
3		1-Penten-3-one	84	C5H8O	001629-58-9	1
4		Ethyl Chloride	64	C2H5Cl	000075-00-3	1



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020404\07518.D

Acq On : 4 Apr 2002 7:05 pm

Sample : sample

Misc :

MS Integration Params: LSCINT.e

Vial: 14

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)

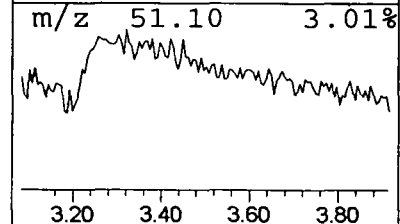
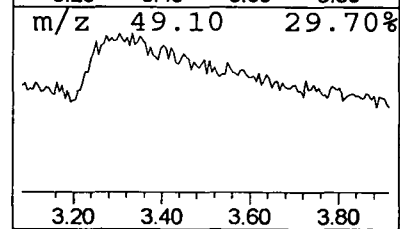
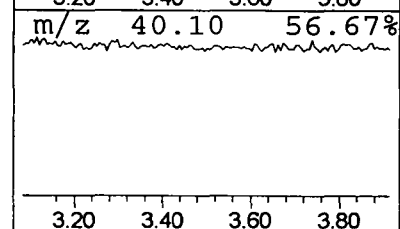
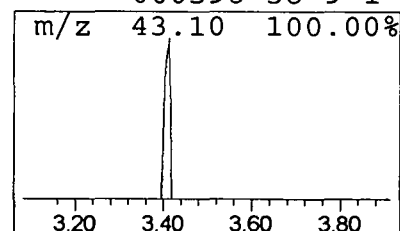
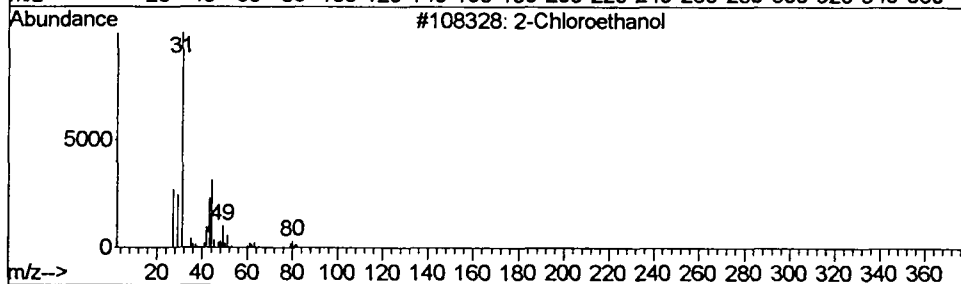
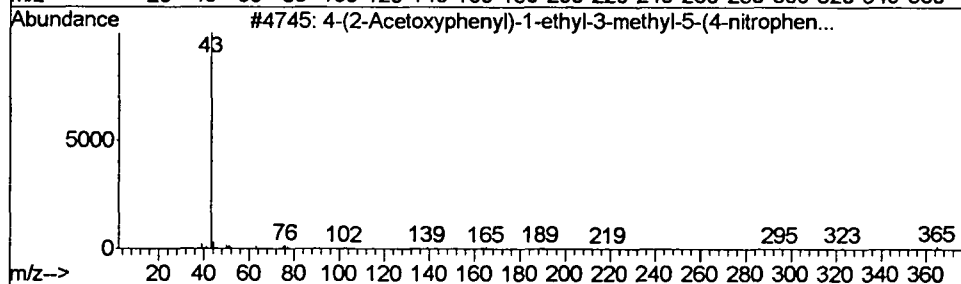
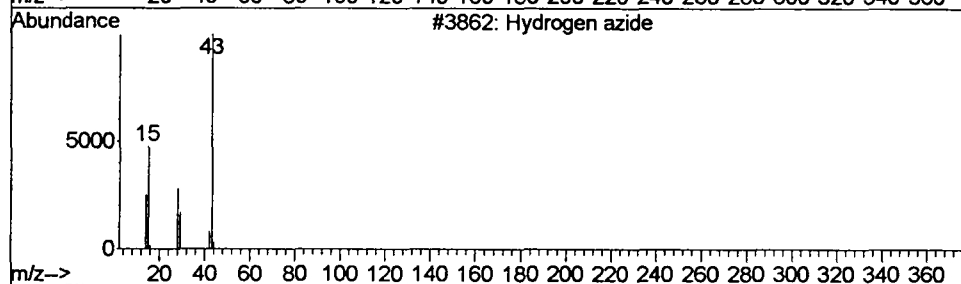
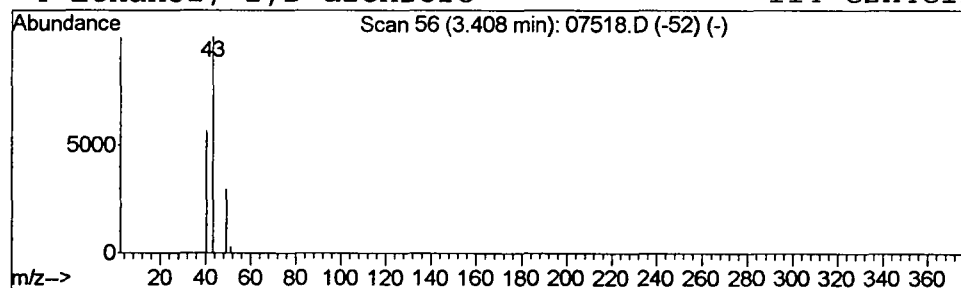
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 3 Hydrogen azide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.41	0.34 ug/l	225015	1,4-Dichlorobenzene-d4	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydrogen azide	43	HN3	007782-79-8	1
2		4-(2-Acetoxyphenyl)-1-ethyl-3-me...	365	C20H19N3O4	1000222-81-6	1
3		2-Chloroethanol	80	C2H5ClO	000107-07-3	1
4		Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	1



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020404\07518.D

Acq On : 4 Apr 2002 7:05 pm

Sample : sample

Misc :

MS Integration Params: LSCINT.e

Vial: 14

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)

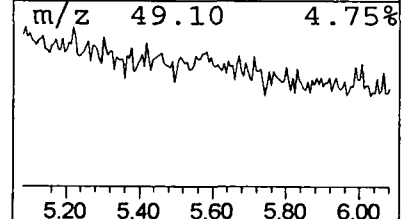
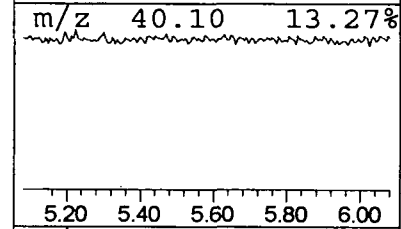
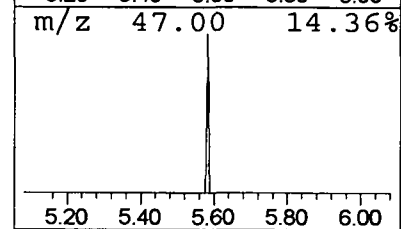
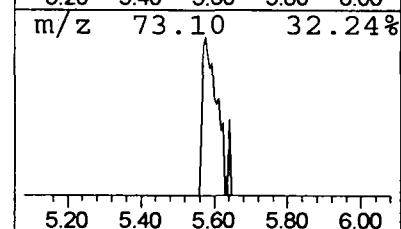
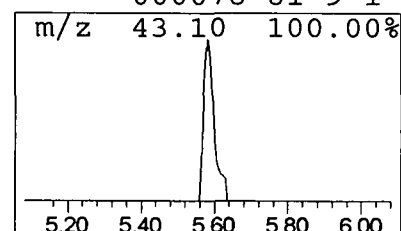
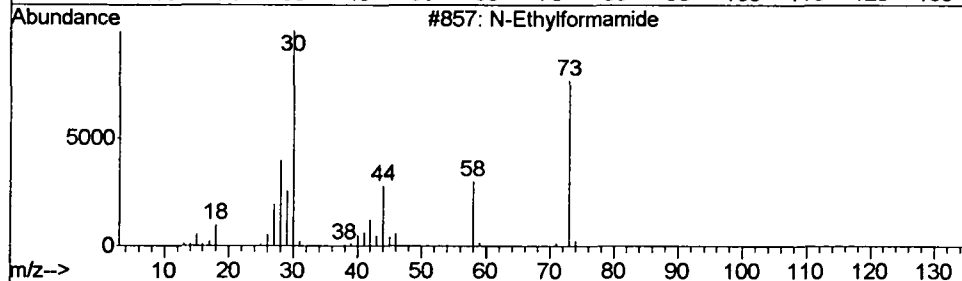
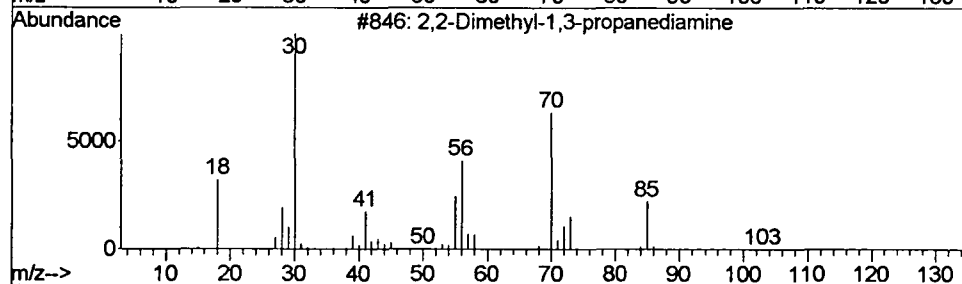
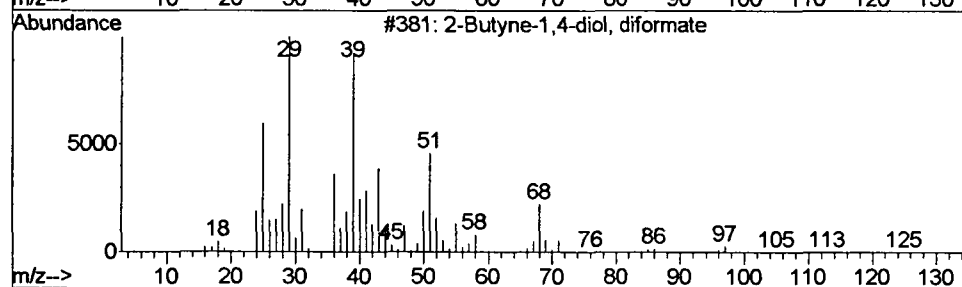
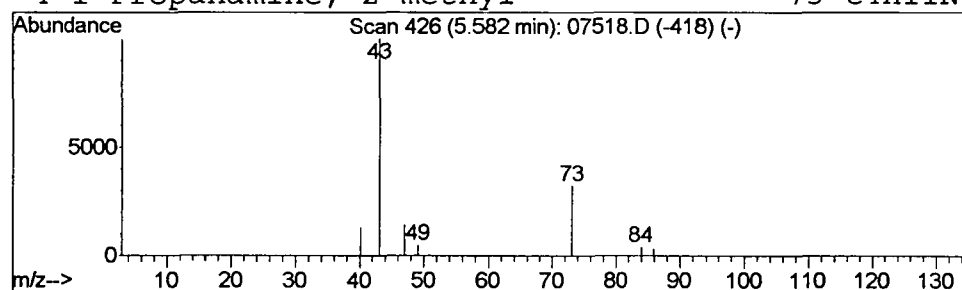
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 4 2-Butyne-1,4-diol, diformate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.58	0.21 ug/l	140944	1,4-Dichlorobenzene-d4	10.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Butyne-1,4-diol, diformate	142	C6H6O4	036677-73-3	2
2			2,2-Dimethyl-1,3-propanediamine	102	C5H14N2	007328-91-8	1
3			N-Ethylformamide	73	C3H7NO	000627-45-2	1
4			1-Propanamine, 2-methyl-	73	C4H11N	000078-81-9	1



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 4 Apr 2002 7:05 pm
Data File: C:\MSDCHEM\1\DATA\020404\07518.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title: Method 508 GC/MS Scan
Library Searched: C:\DATABASE\nist98.1

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethyl Chloride	3.31	0.6	ug/l	374253	1	10.66	13301100	20.0
Formamide, N-(cya...	3.35	0.2	ug/l	109221	1	10.66	13301100	20.0
Hydrogen azide	3.41	0.3	ug/l	225015	1	10.66	13301100	20.0
2-Butyne-1,4-diol...	5.58	0.2	ug/l	140944	1	10.66	13301100	20.0