

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/11/2002 Time: 14:13:13

Sample: AE07515
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/11/02 14:12 Ended: 4/11/02 14:12 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		81		5.0

Comments for Sample AE07515 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-11-2002 Time: 14:13:50

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\020404\07515.D

Acq On : 4 Apr 2002 4:17 pm

Sample : sample

Misc :

MS Integration Params: EVENTS.E

Quant Time: Apr 05 14:26:52 2002

Vial: 11

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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	2679440	20.00	ug/l	0.00
10) Naphthalene-d8	15.77	136	9849106	20.00	ug/l	0.00
17) Acenaphthene-d10	23.66	164	5692800	20.00	ug/l	-0.01
31) Phenanthrene-d10	30.90	188	9331180	20.00	ug/l	0.00
39) Chrysene-d12	39.09	240	7433012	20.00	ug/l	-0.02
45) Perylene-d12	42.30	264	4037110	20.00	ug/l	0.00

System Monitoring Compounds

28) TCMX	26.73	207	179371	3.22	ug/l	0.00
Spiked Amount	4.000		Recovery	=	80.50%	

Target Compounds

Qvalue

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020404\07515.D

Acq On : 4 Apr 2002 4:17 pm

Sample : sample

Misc :

MS Integration Params: EVENTS.E

Quant Time: Apr 5 14:26 2002

Vial: 11

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

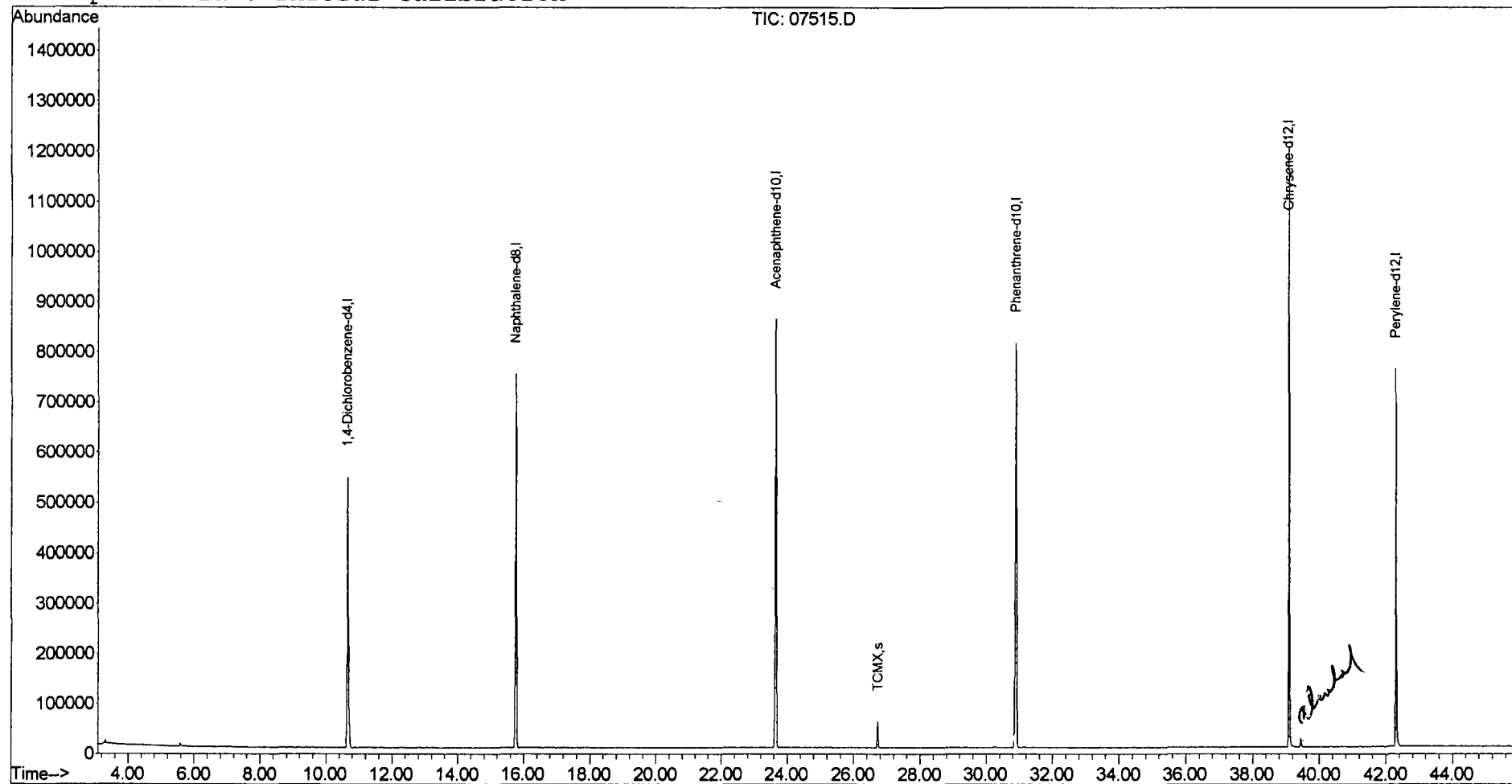
Quant Results File: SCAN020403.RES

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\07515.D

Acq On : 4 Apr 2002 4:17 pm

Sample : sample

Misc :

MS Integration Params: LSCINT.e

Vial: 11

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

Title : Method 508 GC/MS Scan

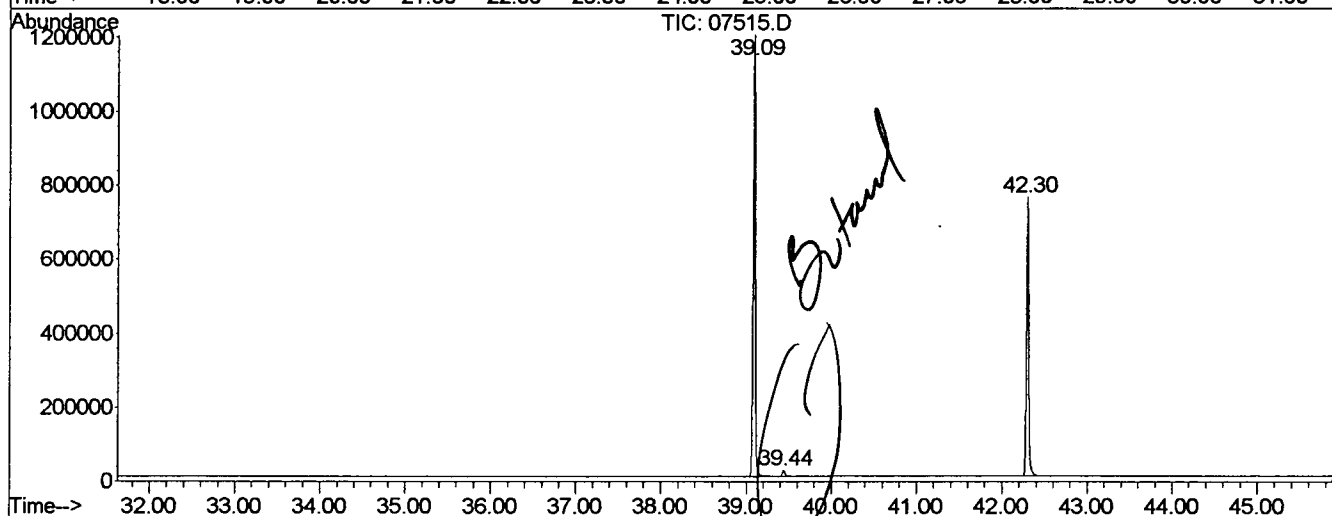
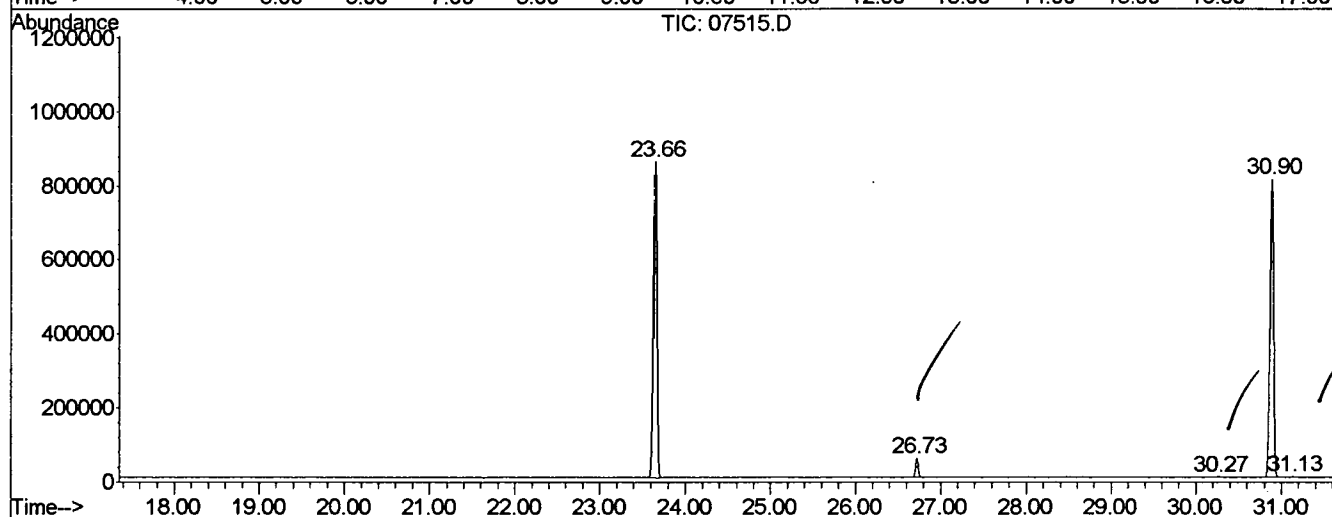
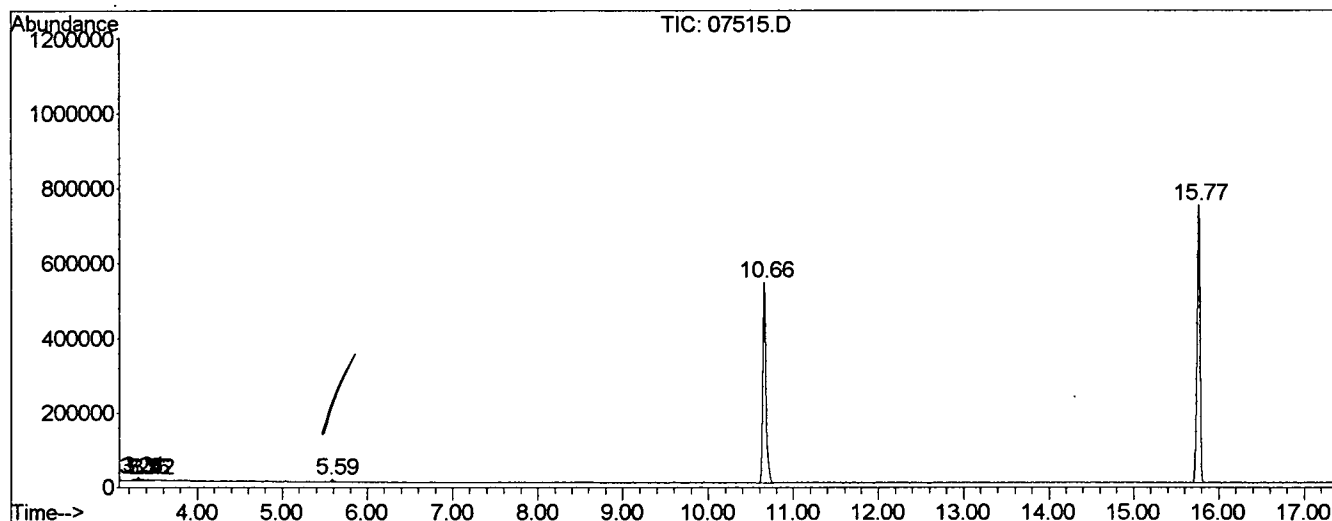
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.273	21	33	36	PV 4	3608	104452	0.45%	0.092%
2	3.314	36	40	45	VV 2	8400	151380	0.66%	0.133%
3	3.361	45	48	50	VV 4	2689	45966	0.20%	0.041%
4	3.420	50	58	80	VV 4	2609	112005	0.49%	0.099%
5	5.588	421	427	444	PV 2	6742	156866	0.68%	0.138%
6	10.659	1276	1290	1312	PV	536989	14000630	60.91%	12.340%
7	15.770	2146	2160	2177	VV	737017	18447538	80.26%	16.260%
8	23.661	3487	3503	3515	VV	844736	22039330	95.89%	19.426%
9	26.728	4016	4025	4034	VV 2	51347	1150481	5.01%	1.014%
10	30.271	4621	4628	4647	VV 2	2371	75388	0.33%	0.066%
11	30.894	4717	4734	4751	PV 2	799209	22984829	100.00%	20.259%
12	31.135	4767	4775	4782	PV 2	2650	65667	0.29%	0.058%
13	39.096	6119	6130	6148	VV 2	1167402	20650583	89.84%	18.202%
14	39.443	6178	6189	6198	PV 3	15994	344824	1.50%	0.304%
15	42.299	6667	6675	6696	PV	731327	13123534	57.10%	11.567%

Sum of corrected areas: 113453473

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020404\07515.D
 Operator : Nefliu
 Acquired : 4 Apr 2002 4:17 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 11
 Quant File :SCAN020403.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020404\07515.D

Acq On : 4 Apr 2002 4:17 pm

Sample : sample

Misc :

MS Integration Params: LSCINT.e

Vial: 11

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

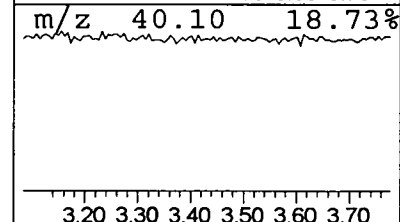
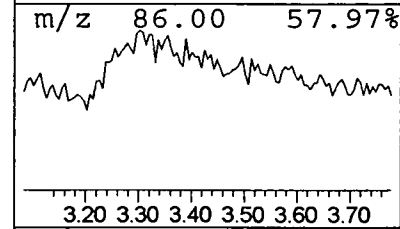
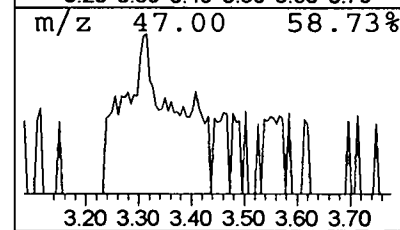
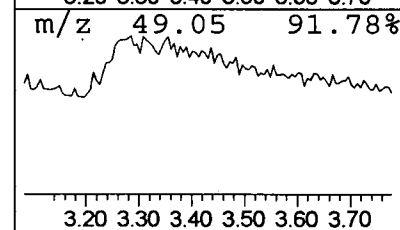
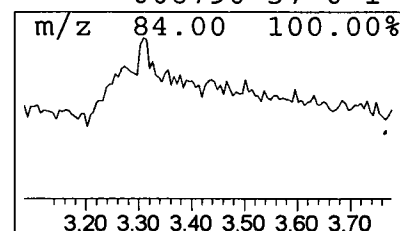
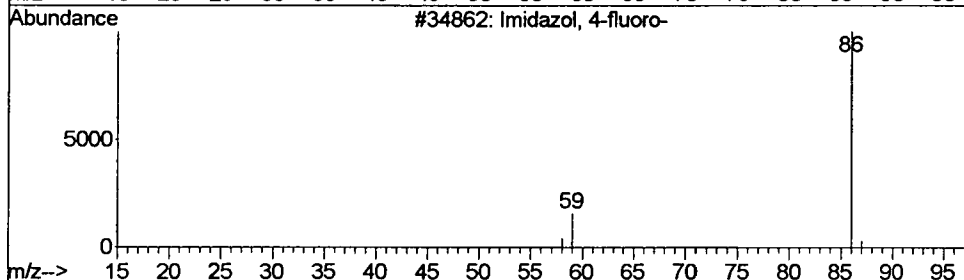
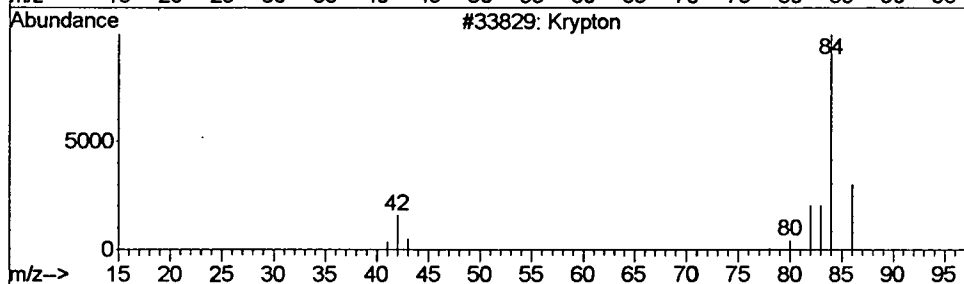
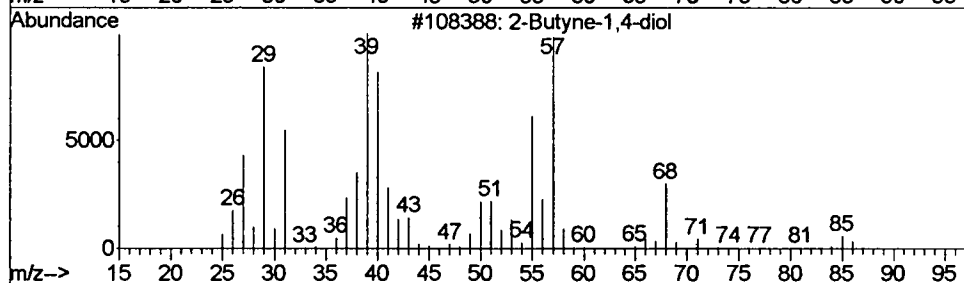
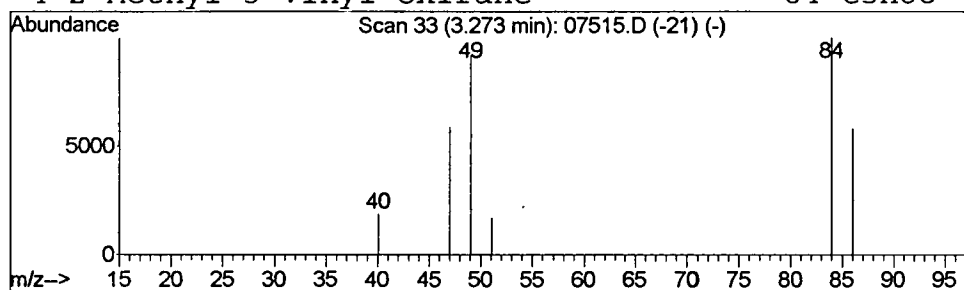
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\NIST98.1

Peak Number 1 2-Butyne-1,4-diol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	0.15 ug/l	104452	1,4-Dichlorobenzene-d4	10.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Butyne-1,4-diol	86	C4H6O2	000110-65-6	3
2			Krypton	84	Kr	007439-90-9	2
3			Imidazol, 4-fluoro-	86	C3H3FN2	030086-17-0	2
4			2-Methyl-3-vinyl-oxirane	84	C5H8O	006790-37-0	1



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020404\07515.D

Acq On : 4 Apr 2002 4:17 pm

Sample : sample

Misc :

MS Integration Params: LSCINT.e

Vial: 11

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

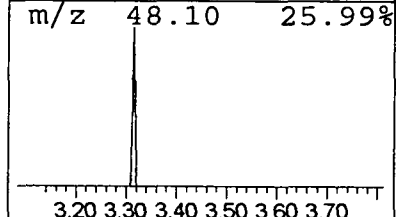
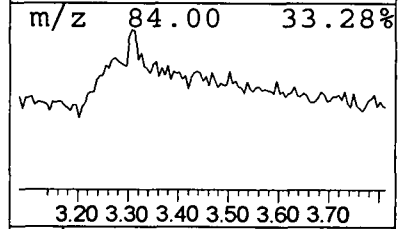
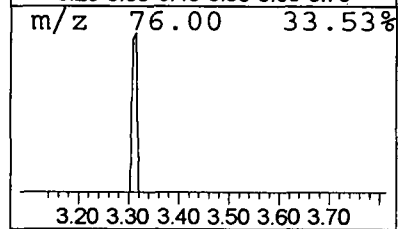
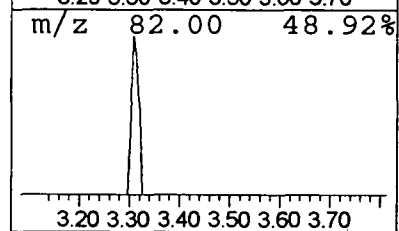
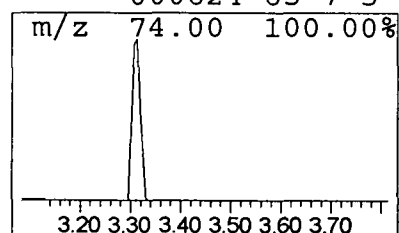
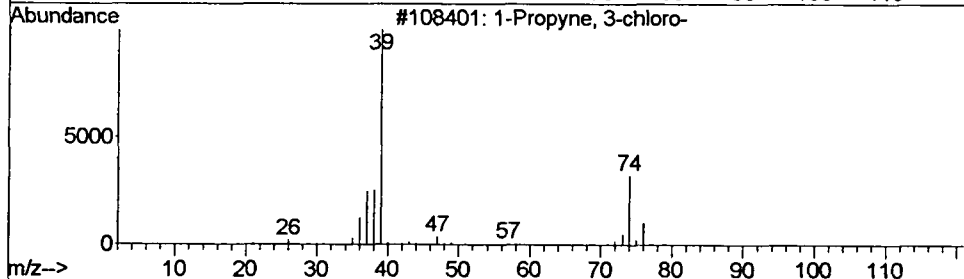
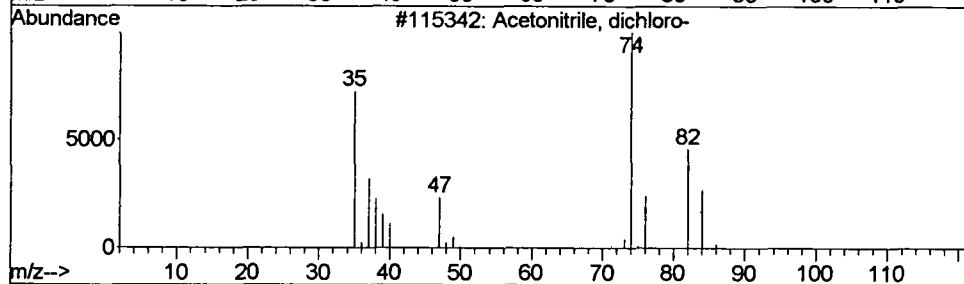
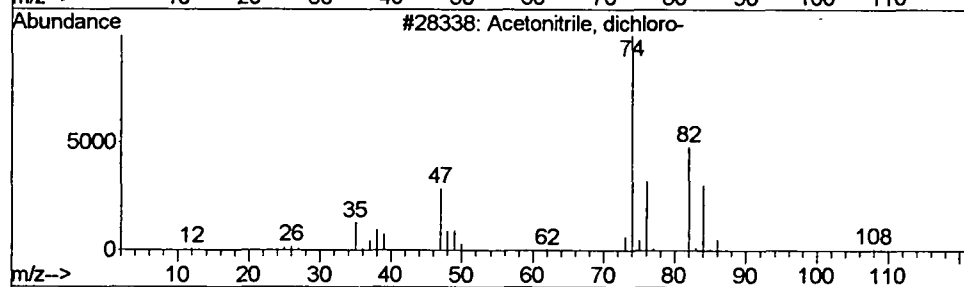
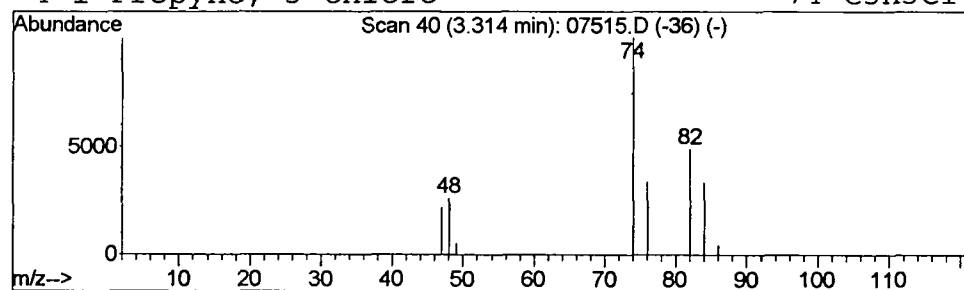
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 2 Acetonitrile, dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.31	0.22 ug/l	151380	1,4-Dichlorobenzene-d4	10.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	78
2			Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64
3			1-Propyne, 3-chloro-	74	C3H3Cl	000624-65-7	5
4			1-Propyne, 3-chloro-	74	C3H3Cl	000624-65-7	5



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020404\07515.D
 Acq On : 4 Apr 2002 4:17 pm
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

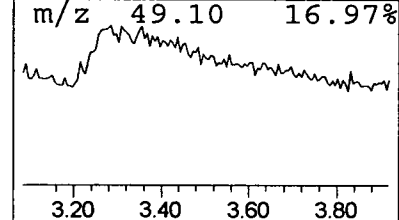
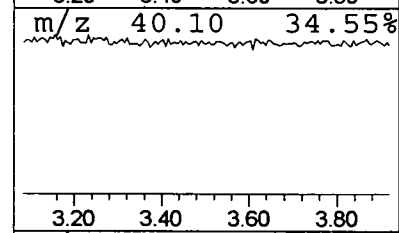
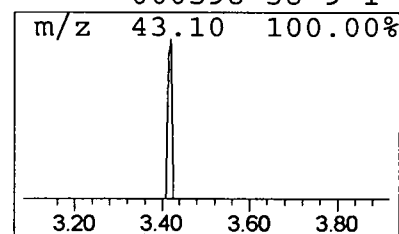
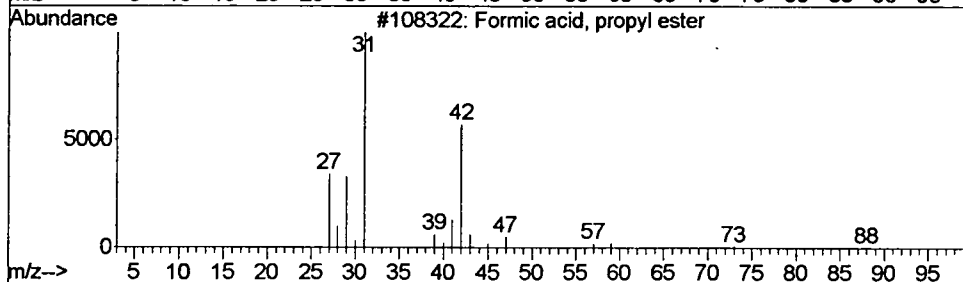
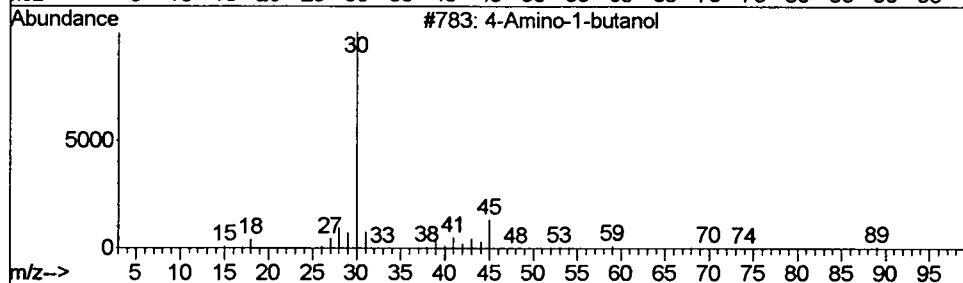
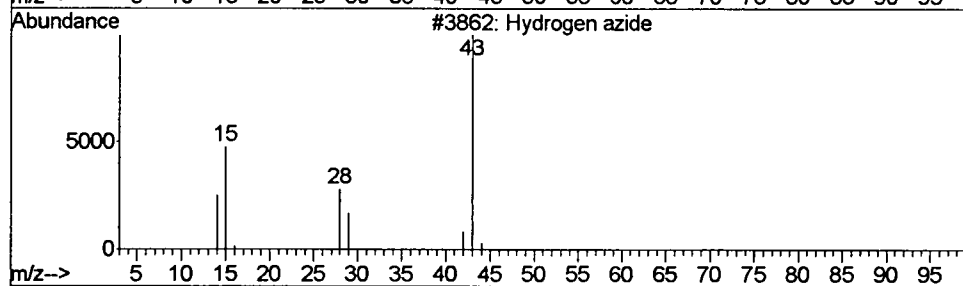
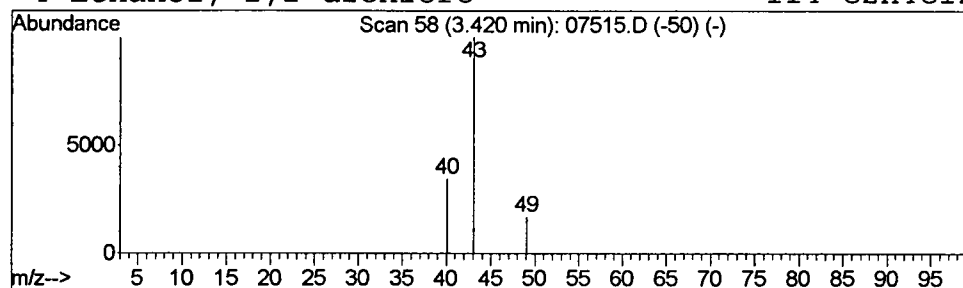
Vial: 11
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	0.16 ug/l	112005	1,4-Dichlorobenzene-d4	10.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hydrogen azide	43	HN3	007782-79-8	1
2		4-Amino-1-butanol	89	C4H11NO	013325-10-5	1
3		Formic acid, propyl ester	88	C4H8O2	000110-74-7	1
4		Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	1



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020404\07515.D
Acq On : 4 Apr 2002 4:17 pm
Sample : sample
Misc :
MS Integration Params: LSCINT.e

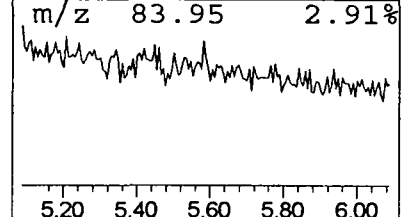
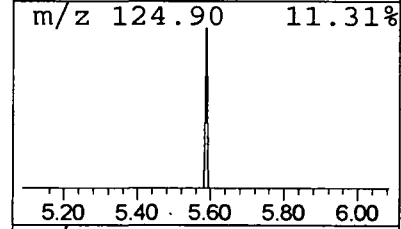
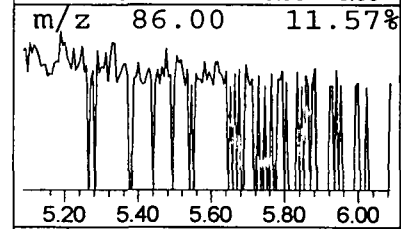
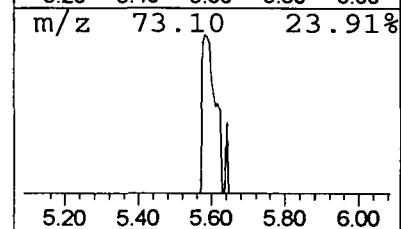
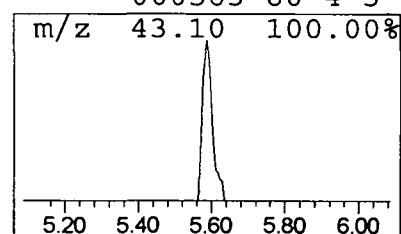
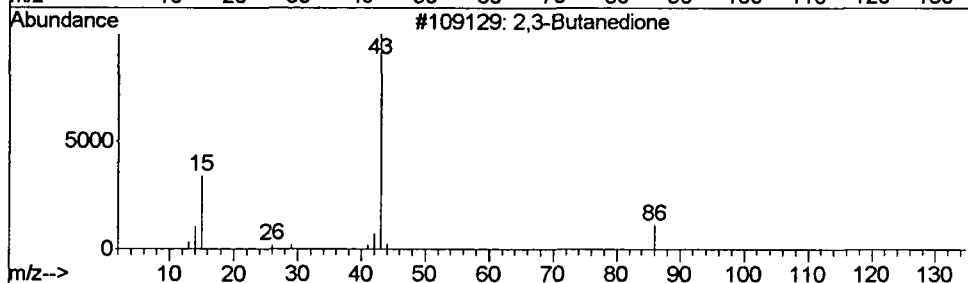
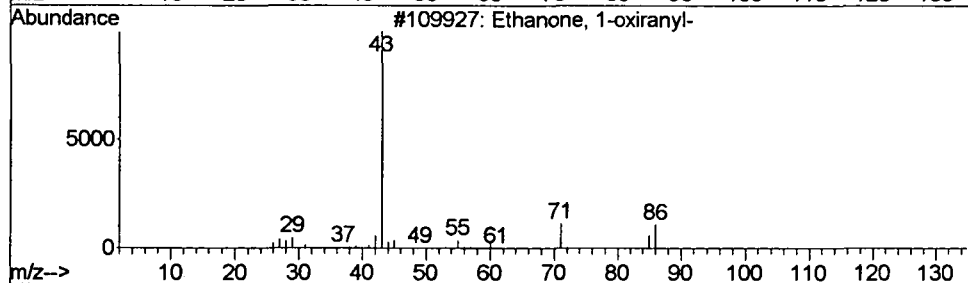
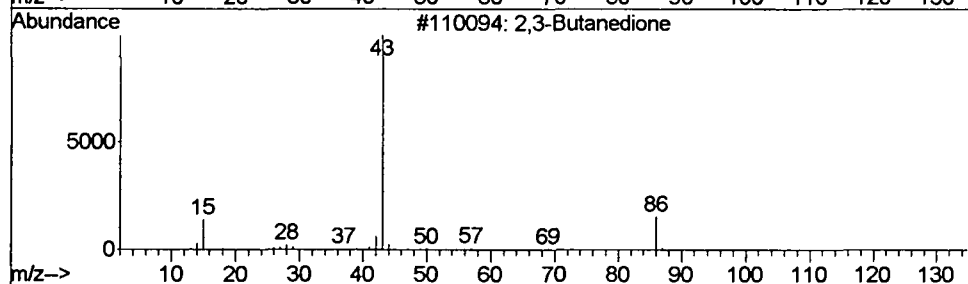
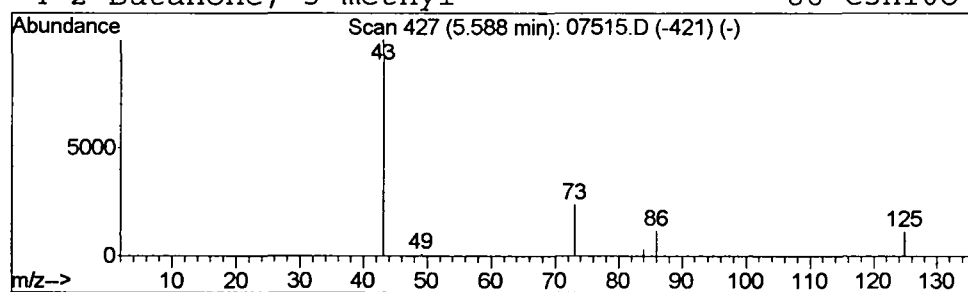
Vial: 11
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.1

Peak Number 4 2,3-Butanedione Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	0.22 ug/l	156866	1,4-Dichlorobenzene-d4	10.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,3-Butanedione	86	C4H6O2	000431-03-8	3
2			Ethanone, 1-oxiranyl-	86	C4H6O2	004401-11-0	3
3			2,3-Butanedione	86	C4H6O2	000431-03-8	3
4			2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	3



Library Search Compound Report

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Acq On : 4 Apr 2002 4:17 pm

Sample : sample

Misc :

MS Integration Params: LSCINT.e

Vial: 11

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

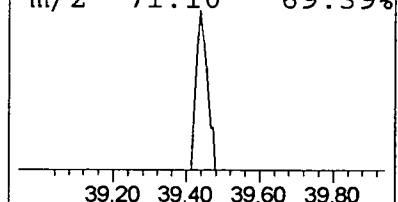
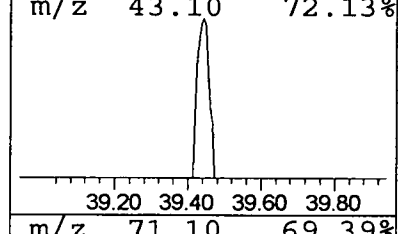
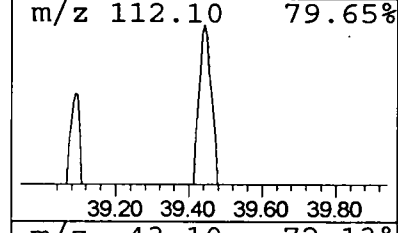
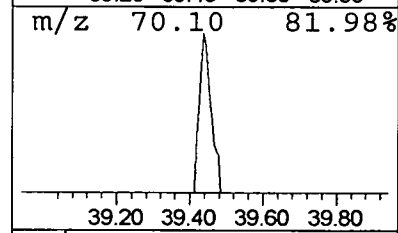
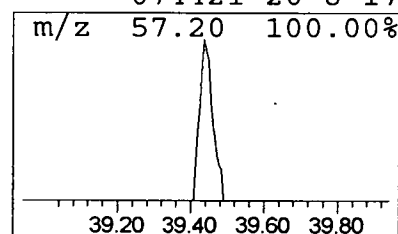
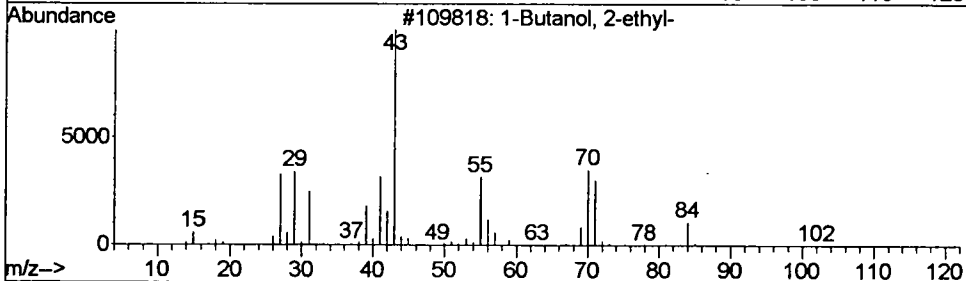
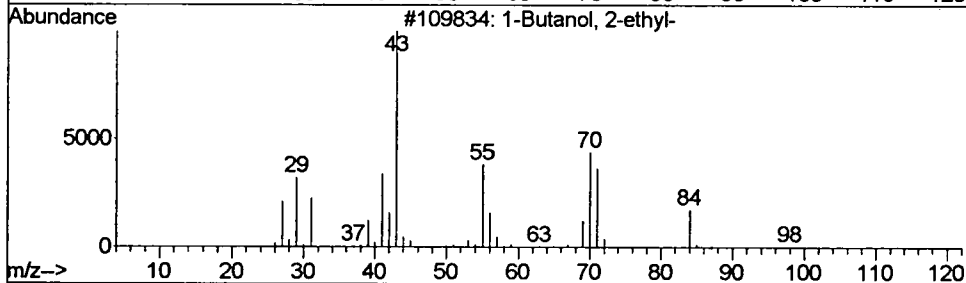
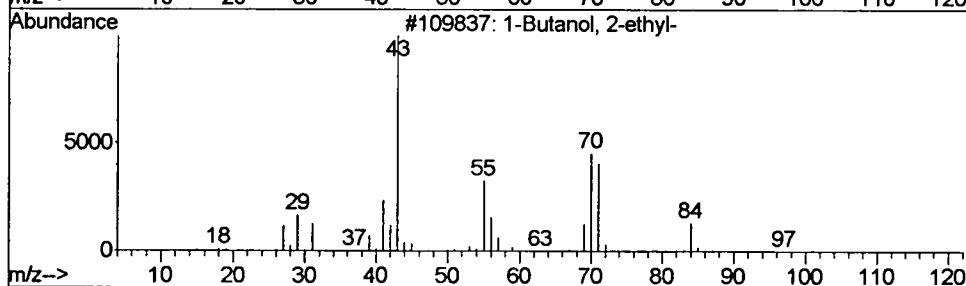
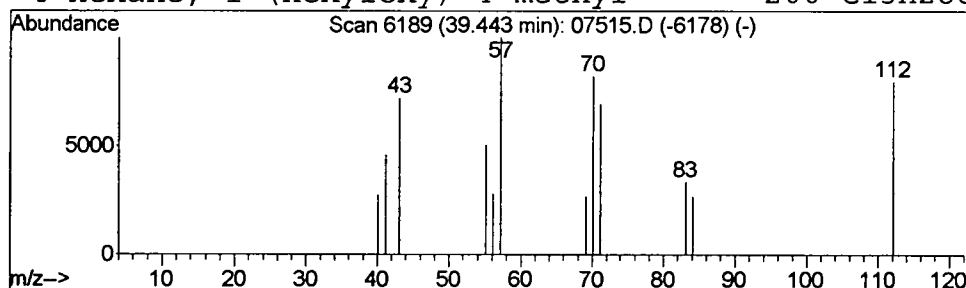
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 5 1-Butanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.44	0.33 ug/l	344824	Chrysene-d12	39.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	47		
2	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	37		
3	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	37		
4	Hexane, 1-(hexyloxy)-4-methyl-	200	C13H28O	074421-20-8	17		



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 4 Apr 2002 4:17 pm
Data File: C:\MSDCHEM\1\DATA\020404\07515.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
2-Butyne-1,4-diol	3.28	0.1	ug/l	104452	1	10.66	14000600	20.0
Acetonitrile, dic...	3.31	0.2	ug/l	151380	1	10.66	14000600	20.0
Hydrogen azide	3.42	0.2	ug/l	112005	1	10.66	14000600	20.0
2,3-Butanedione	5.59	0.2	ug/l	156866	1	10.66	14000600	20.0
1-Butanol, 2-ethyl-	39.44	0.3	ug/l	344824	5	39.09	20650600	20.0