

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 04/18/2002 Time: 14:13:16

Sample: AE07768
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 4/18/2002 14:12 Ended: 4/18/2002 14:12 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		.	
2	Surr_2,4-DDD		111	5.0

Comments for Sample AE07768 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-18-2002 Time: 14:13:41

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\07768.D Vial: 22
Acq On : 5 Apr 2002 2:30 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 05 14:32:02 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	2361159	20.00	ug/l	0.00
10) Naphthalene-d8	15.77	136	8616577	20.00	ug/l	0.00
17) Acenaphthene-d10	23.66	164	4931722	20.00	ug/l	-0.01
31) Phenanthrene-d10	30.89	188	7994261	20.00	ug/l	0.00
39) Chrysene-d12	39.09	240	6019462	20.00	ug/l	-0.02
45) Perylene-d12	42.30	264	3137461	20.00	ug/l	-0.01

System Monitoring Compounds

28) TCMX	26.73	207	214308	4.44	ug/l	0.00
Spiked Amount	4.000		Recovery	=	111.00%	

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
07768.D SCAN020403.M Fri Apr 05 14:32:20 2002 Page 1

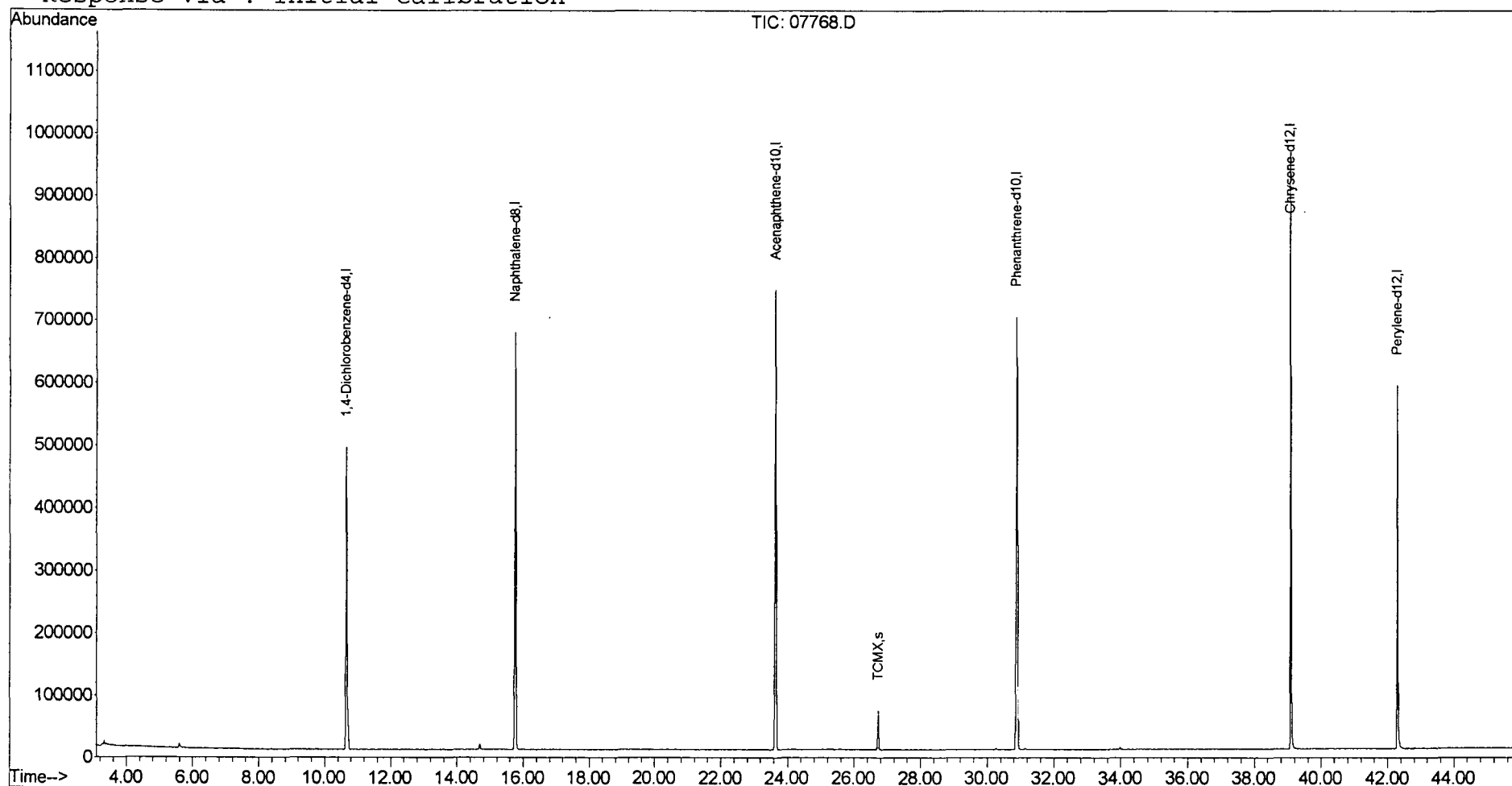
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020404\07768.D
 Acq On : 5 Apr 2002 2:30 am
 Sample : sample
 Misc :
 MS Integration Params: EVENTS.E
 Quant Time: Apr 5 14:32 2002

Vial: 22
 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\07768.D

Acq On : 5 Apr 2002 2:30 am

Sample : sample

Misc :

MS Integration Params: LSCINT.e

Vial: 22

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

Title : Method 508 GC/MS Scan

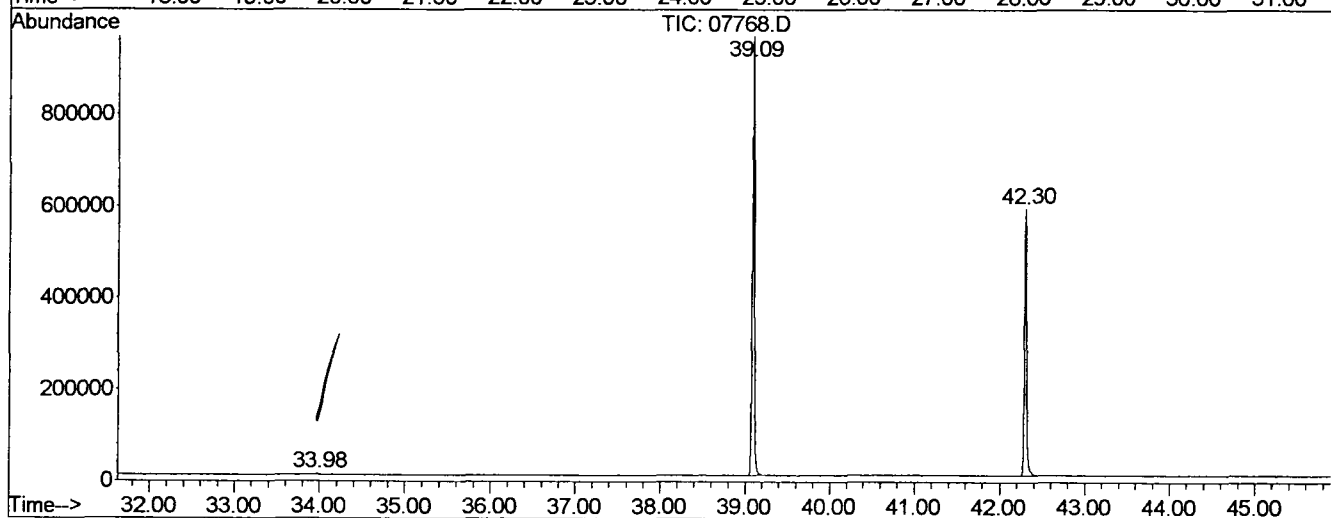
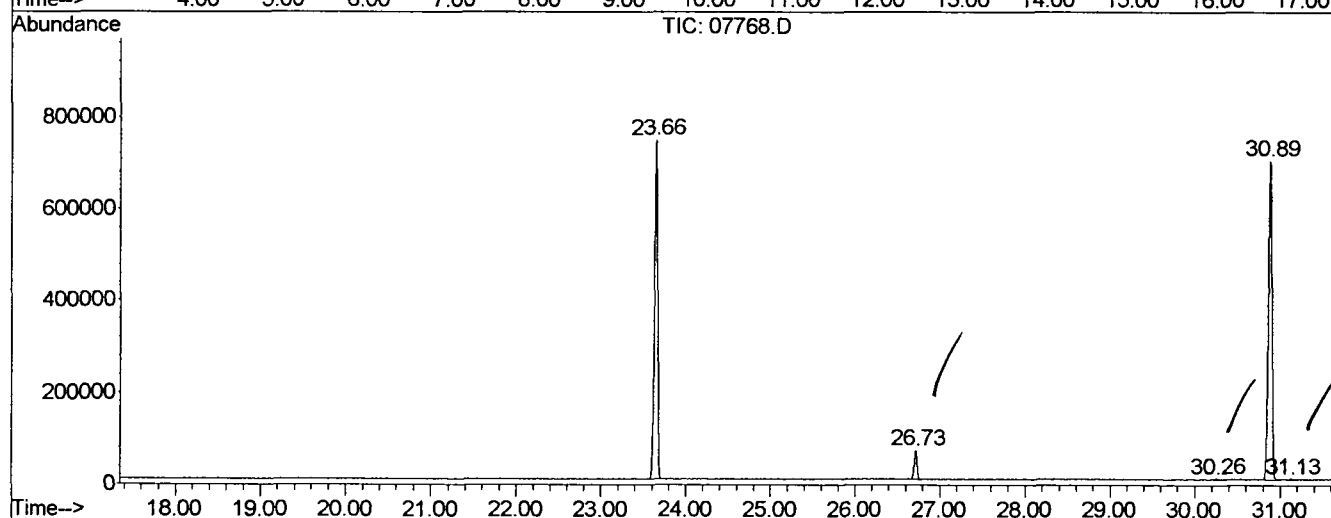
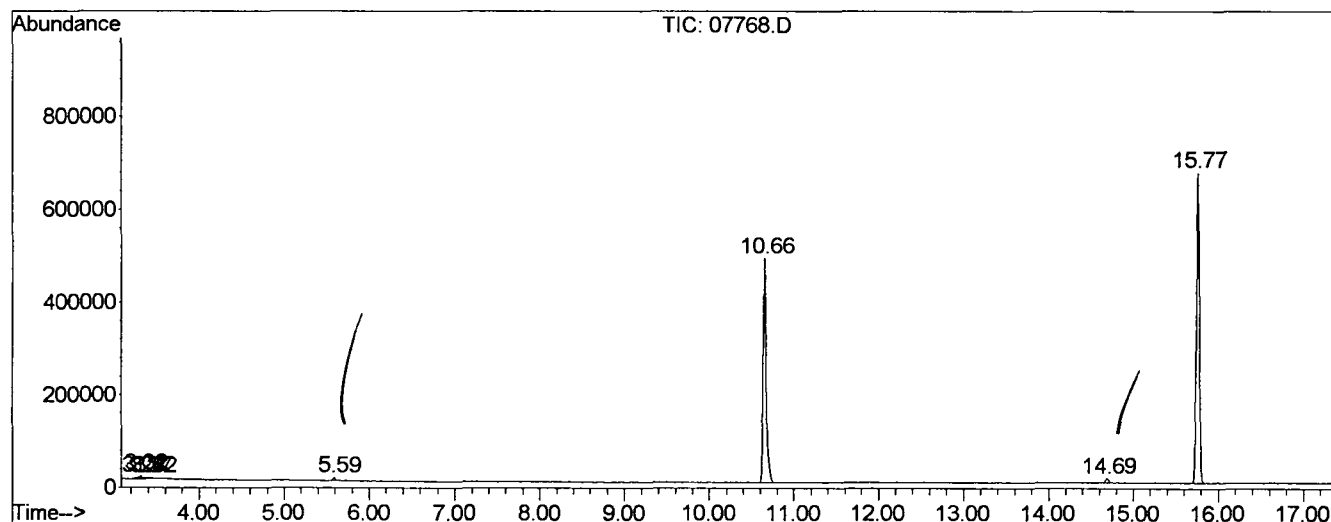
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.285	19	35	37	PV 4	3711	127465	0.65%	0.132%
2	3.314	37	40	45	VV 2	7953	129593	0.66%	0.134%
3	3.373	45	50	56	VV 4	2605	88488	0.45%	0.092%
4	3.426	56	59	67	VV 3	2382	49762	0.25%	0.051%
5	5.594	422	428	442	PV 2	6592	167762	0.85%	0.173%
6	10.658	1279	1290	1310	PV	480983	12303499	62.41%	12.722%
7	14.689	1968	1976	1983	PV 2	8823	215831	1.09%	0.223%
8	15.764	2141	2159	2175	PV	662147	16197029	82.17%	16.748%
9	23.655	3489	3502	3513	PV	735053	19142788	97.11%	19.794%
10	26.728	4015	4025	4034	PV 2	62925	1426050	7.23%	1.475%
11	30.253	4619	4625	4634	VV 2	1875	53205	0.27%	0.055%
12	30.894	4720	4734	4755	PV 2	690078	19712686	100.00%	20.384%
13	31.129	4765	4774	4783	BV 2	1983	54400	0.28%	0.056%
14	33.979	5252	5259	5265	PV 2	3347	69959	0.35%	0.072%
15	39.090	6120	6129	6151	PV 2	932681	16668382	84.56%	17.236%
16	42.298	6663	6675	6709	VV	576225	10301073	52.26%	10.652%

Sum of corrected areas: 96707974

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020404\07768.D
 Operator : Nefliu
 Acquired : 5 Apr 2002 2:30 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 22
 Quant File :SCAN020403.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020404\07768.D
Acq On : 5 Apr 2002 2:30 am
Sample : sample
Misc :
MS Integration Params: LSCINT.e

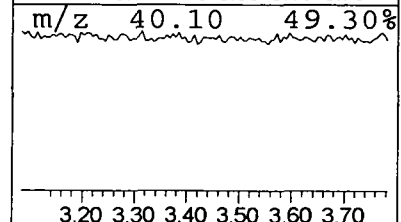
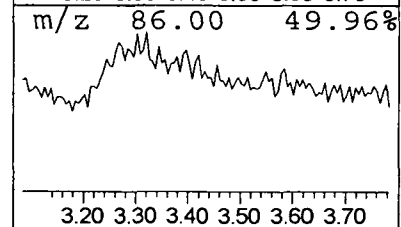
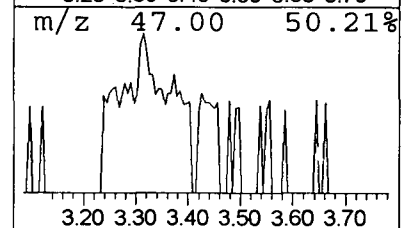
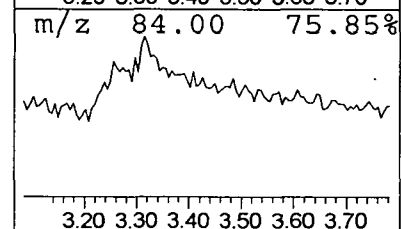
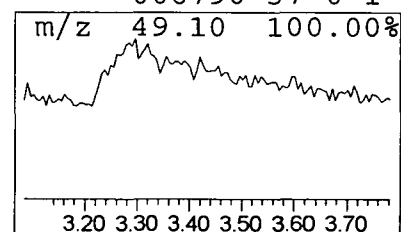
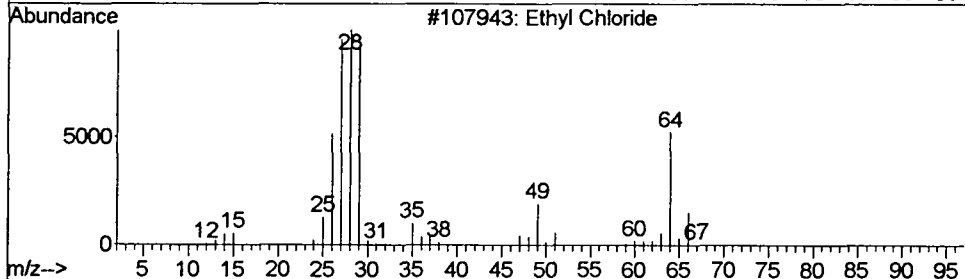
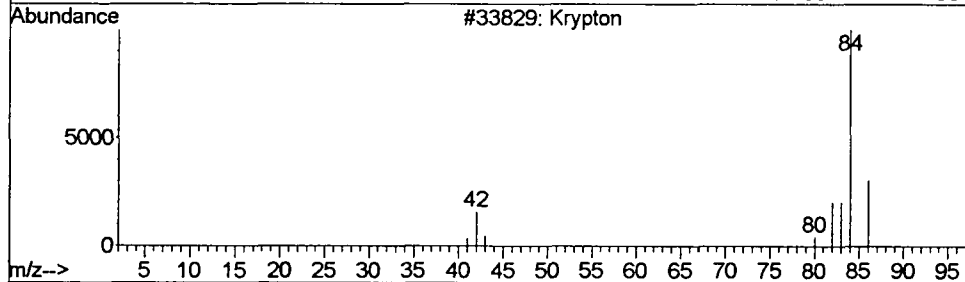
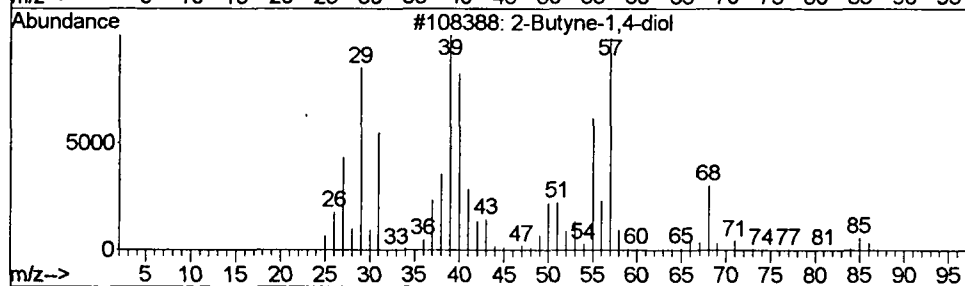
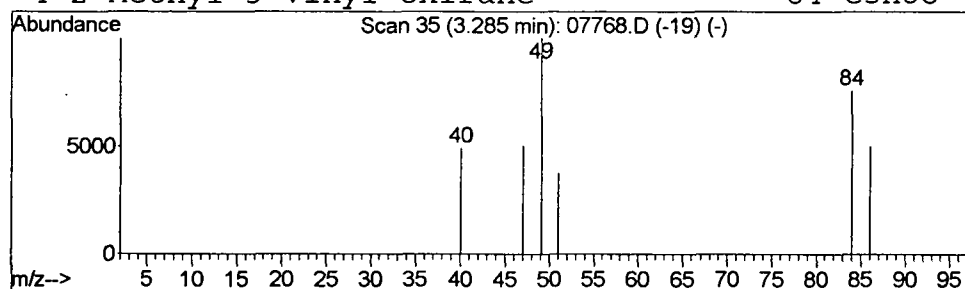
Vial: 22
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	0.21 ug/l	127465	1,4-Dichlorobenzene-d4	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butyne-1,4-diol	86	C4H6O2	000110-65-6	3
2		Krypton	84	Kr	007439-90-9	2
3		Ethyl Chloride	64	C2H5Cl	000075-00-3	1
4		2-Methyl-3-vinyl-oxirane	84	C5H8O	006790-37-0	1



Library Search Compound Report

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Sample : sample
Misc :
MS Integration Params: LSCINT.e

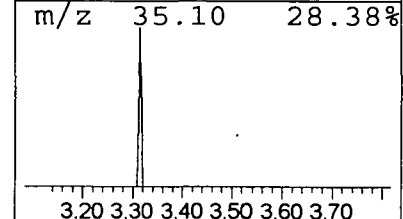
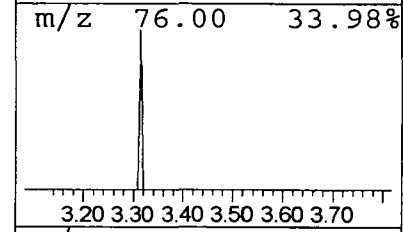
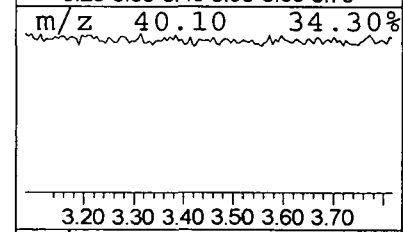
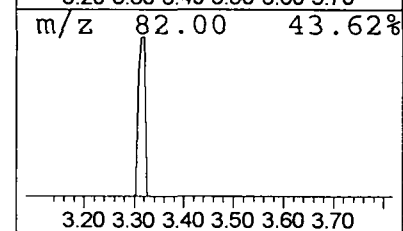
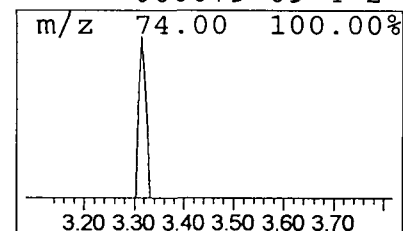
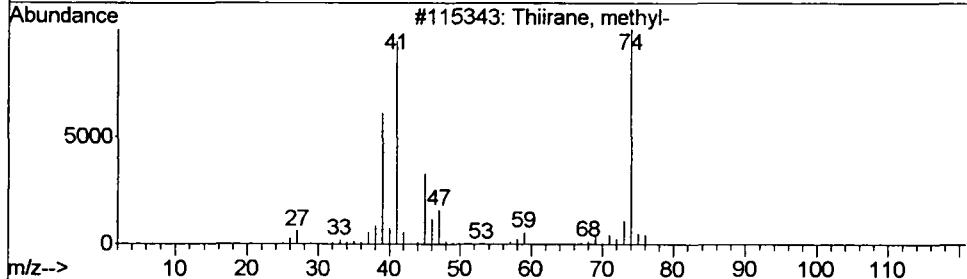
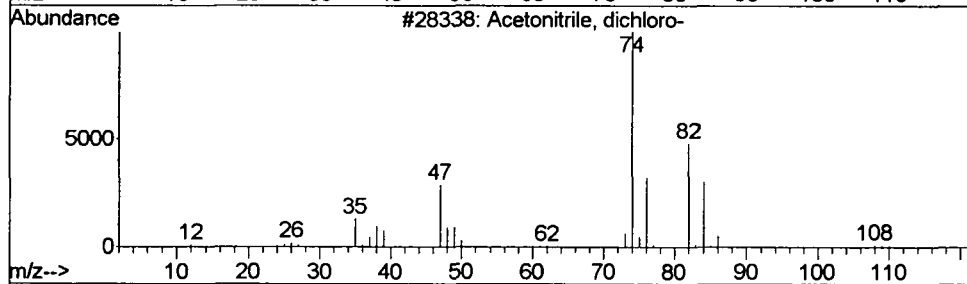
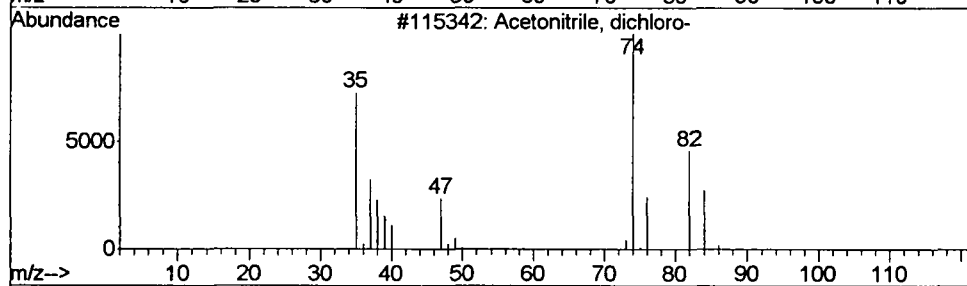
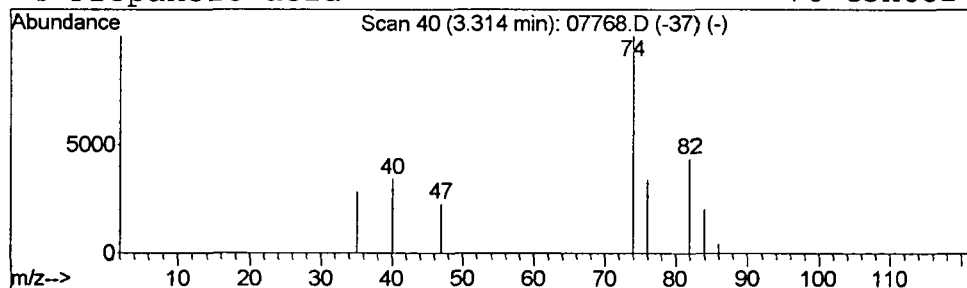
Vial: 22
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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.
3.32	0.21 ug/l	129593	1,4-Dichlorobenzene-d4	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	78
2		Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	40
3		Thiirane, methyl-	74	C3H6S	001072-43-1	4
4		Propanoic acid	74	C3H6O2	000079-09-4	2



Library Search Compound Report

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Acq On : 5 Apr 2002 2:30 am
Sample : sample
Misc :
MS Integration Params: LSCINT.e

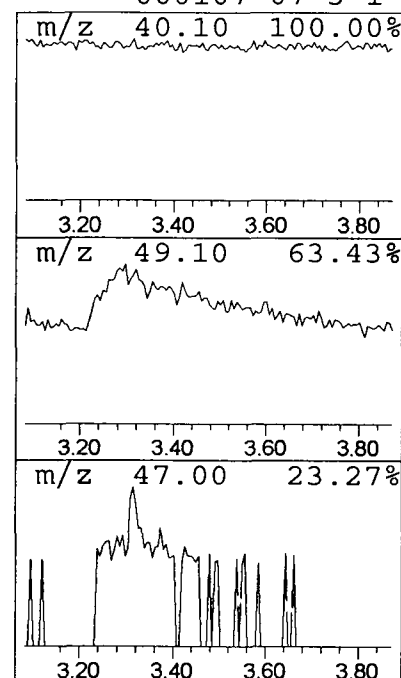
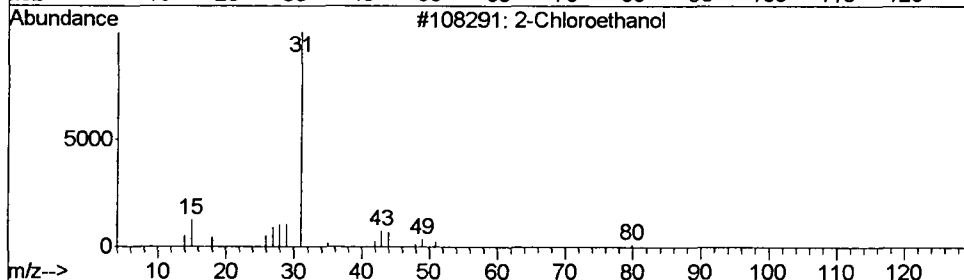
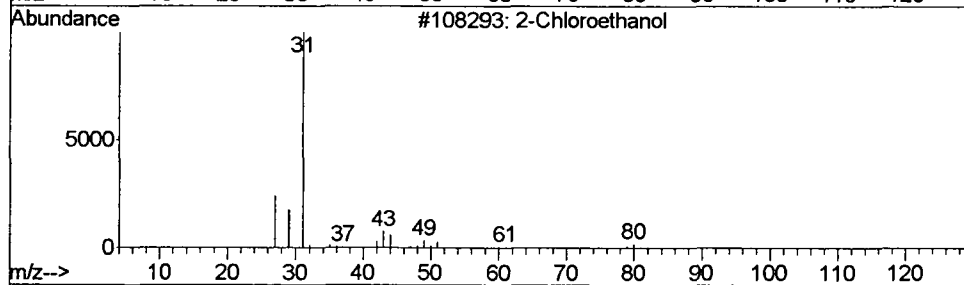
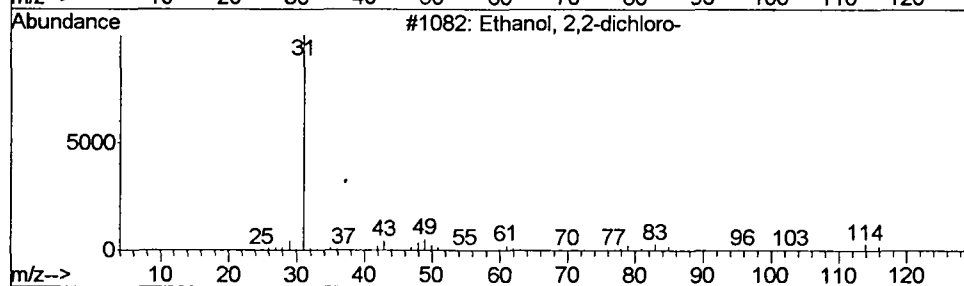
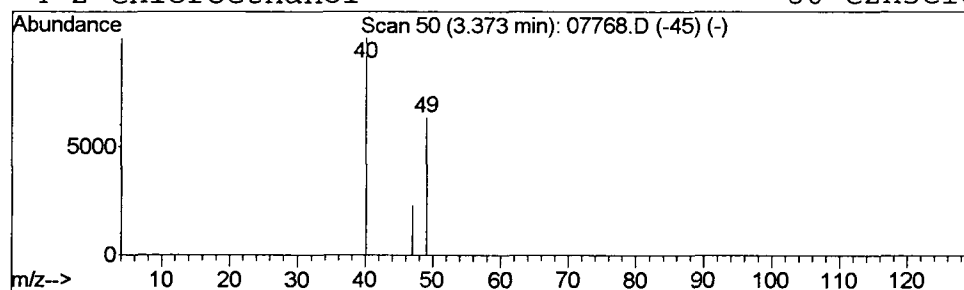
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Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 3 Ethanol, 2,2-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.37	0.14 ug/l	88488	1,4-Dichlorobenzene-d4	10.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	1
2			2-Chloroethanol	80	C2H5ClO	000107-07-3	1
3			2-Chloroethanol	80	C2H5ClO	000107-07-3	1
4			2-Chloroethanol	80	C2H5ClO	000107-07-3	1



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020404\07768.D
Acq On : 5 Apr 2002 2:30 am
Sample : sample
Misc :
MS Integration Params: LSCINT.e

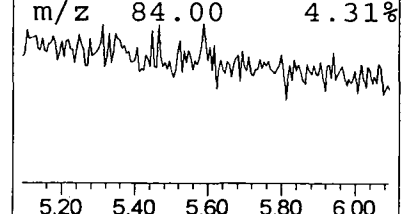
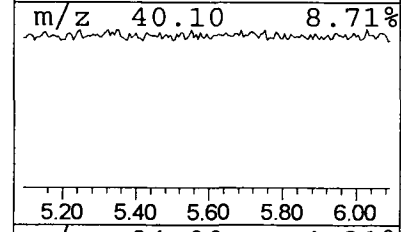
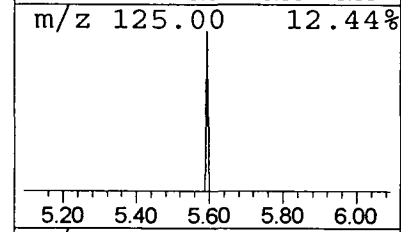
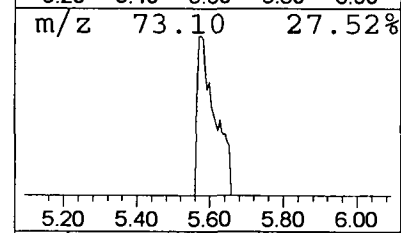
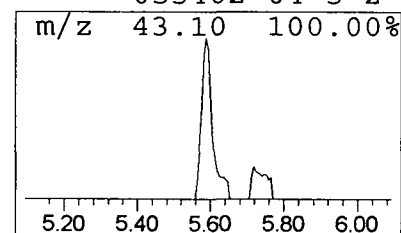
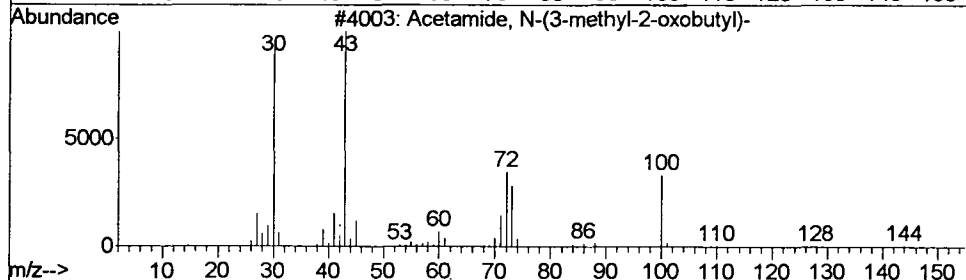
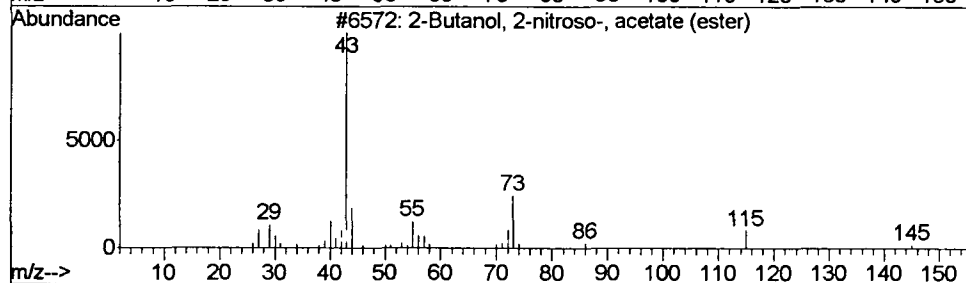
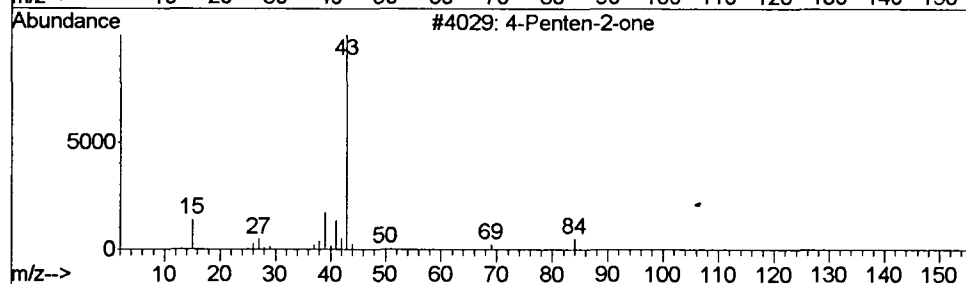
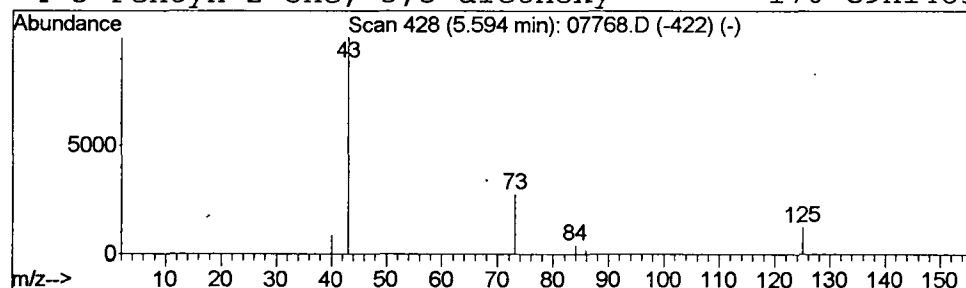
Vial: 22
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 4 4-Penten-2-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	0.27 ug/l	167762	1,4-Dichlorobenzene-d4	10.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Penten-2-one	84	C5H8O	013891-87-7	3
2			2-Butanol, 2-nitroso-, acetate (...)	145	C6H11NO3	013880-90-5	2
3			Acetamide, N-(3-methyl-2-oxobutyl)-	143	C7H13NO2	082479-25-2	2
4			3-Pentyn-2-one, 5,5-diethoxy-	170	C9H14O3	055402-04-5	2



Library Search Compound Report

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Acq On : 5 Apr 2002 2:30 am
Sample : sample
Misc :
MS Integration Params: LSCINT.e

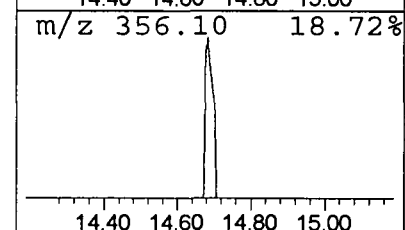
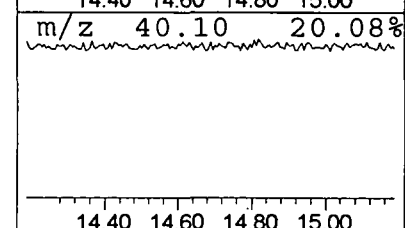
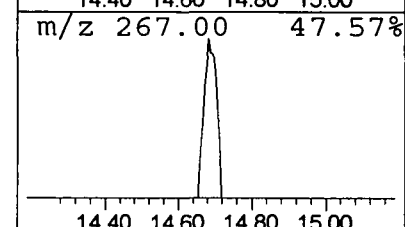
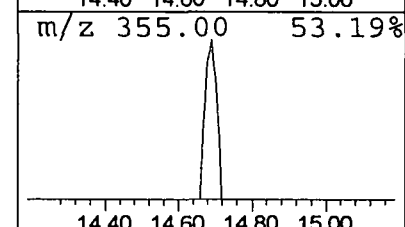
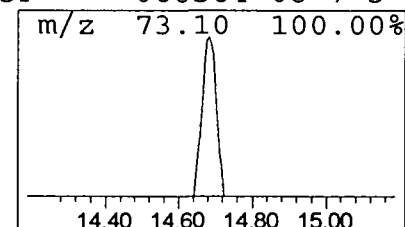
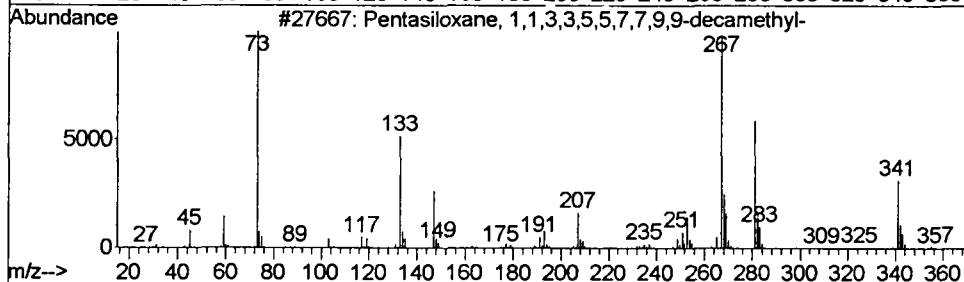
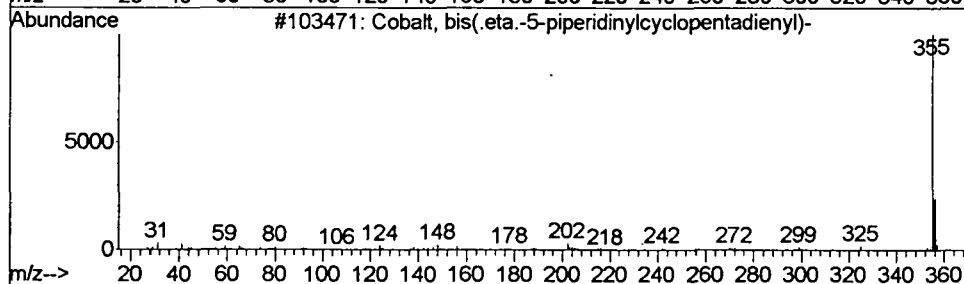
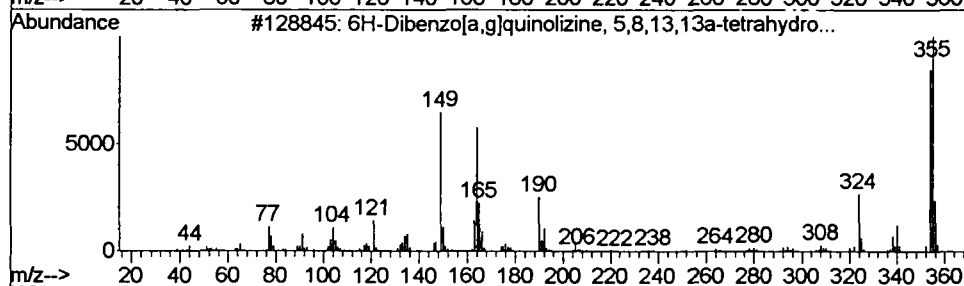
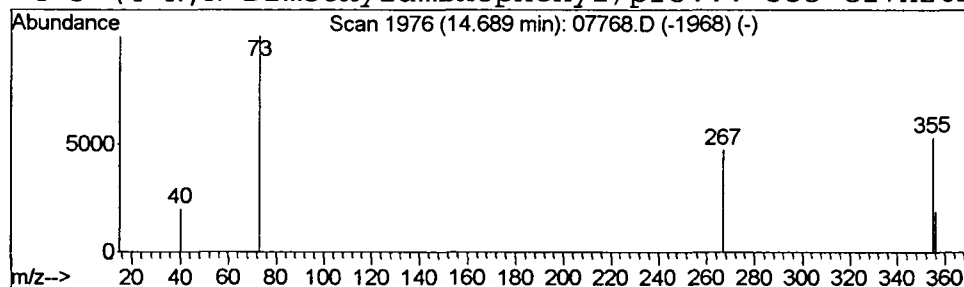
Vial: 22
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 5 6H-Dibenzo[a,g]quinolizine,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	0.27 ug/l	215831	Naphthalene-d8	15.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6H-Dibenzo[a,g]quinolizine, 5,8,...	355	C21H25NO4	002934-97-6	5
2			Cobalt, bis(.eta.-5-piperidinylc...	355	C20H28CoN2	1000162-04-6	5
3			Pentasiloxane, 1,1,3,3,5,5,7,7,9...	356	C10H32O4Si5	000995-83-5	3
4			3-(4-N,N-Dimethylaminophenyl)pro...	355	C17H26NO5P	066564-08-7	3



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 5 Apr 2002 2:30 am
Data File: C:\MSDCHEM\1\DATA\020404\07768.D
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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	0.2	ug/l	127465	1	10.66	12303500	20.0
Acetonitrile, dic...	3.32	0.2	ug/l	129593	1	10.66	12303500	20.0
Ethanol, 2,2-dich...	3.37	0.1	ug/l	88488	1	10.66	12303500	20.0
4-Penten-2-one	5.59	0.3	ug/l	167762	1	10.66	12303500	20.0
6H-Dibenzo[a,g]qu...	14.69	0.3	ug/l	215831	2	15.77	16197000	20.0