

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/11/2002 Time: 14:11:00

Sample: AE07513
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/11/02 14:10 Ended: 4/11/02 14:10 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		94		5.0

Comments for Sample AE07513 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-11-2002 Time: 14:11:09

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\07513.D

Vial: 9

Acq On : 4 Apr 2002 2:26 pm

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: EVENTS.E

Quant Time: Apr 05 14:25:14 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	2503608	20.00	ug/l	0.00
10) Naphthalene-d8	15.77	136	9193767	20.00	ug/l	0.00
17) Acenaphthene-d10	23.66	164	5284171	20.00	ug/l	-0.01
31) Phenanthrene-d10	30.89	188	8597203	20.00	ug/l	0.00
39) Chrysene-d12	39.09	240	6674705	20.00	ug/l	-0.02
45) Perylene-d12	42.30	264	3865802	20.00	ug/l	-0.01

System Monitoring Compounds

28) TCMX	26.73	207	193171	3.74	ug/l	0.00
Spiked Amount	4.000		Recovery	=	93.50%	

Target Compounds

Qvalue

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020404\07513.D

Vial: 9

Acq On : 4 Apr 2002 2:26 pm

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: EVENTS.E

Quant Time: Apr 5 14:25 2002

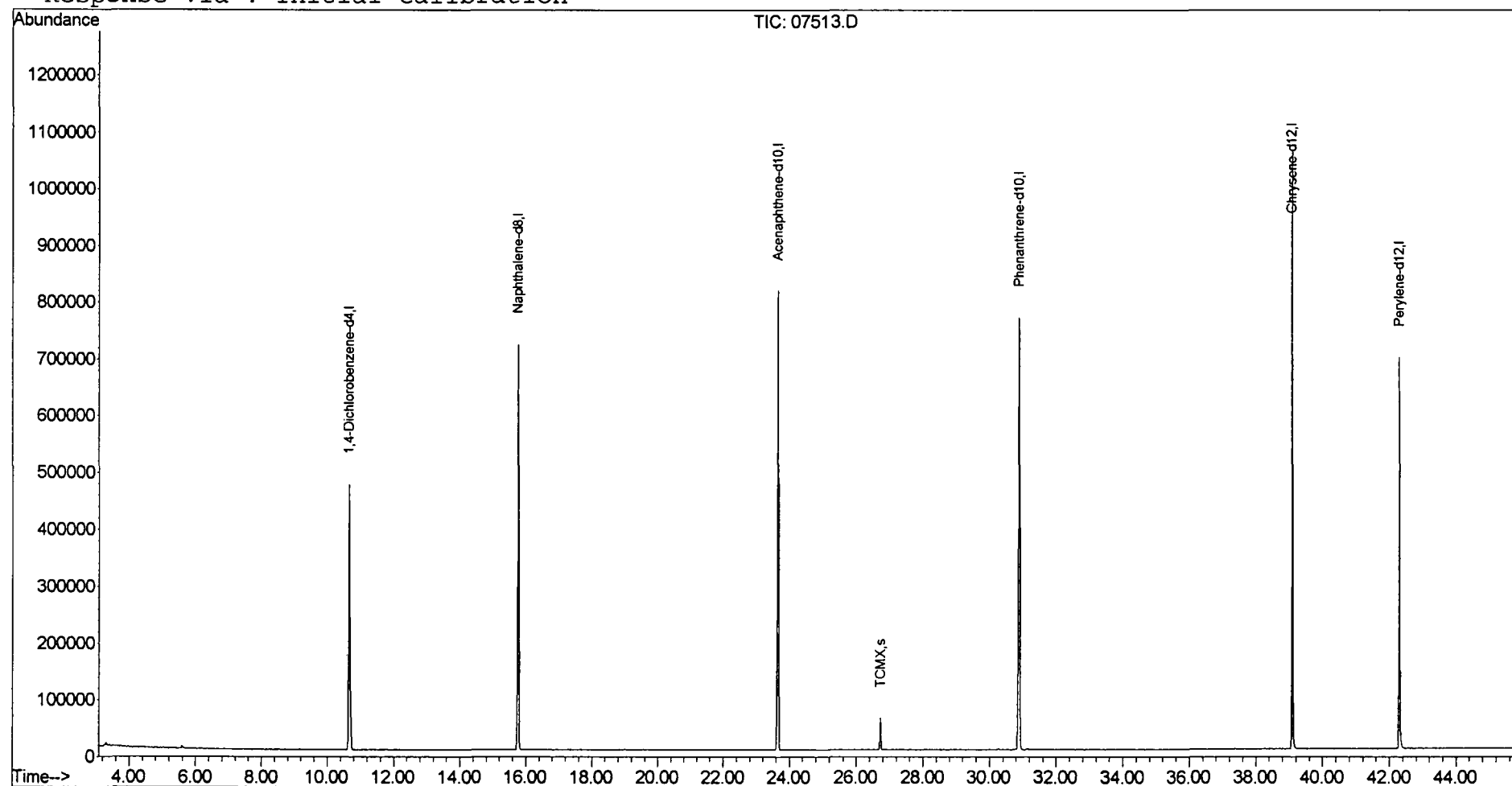
Quant Results File: SCAN020403.RES

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\07513.D

Acq On : 4 Apr 2002 2:26 pm

Sample : sample

Misc :

MS Integration Params: LSCINT.e

Vial: 9

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

Title : Method 508 GC/MS Scan

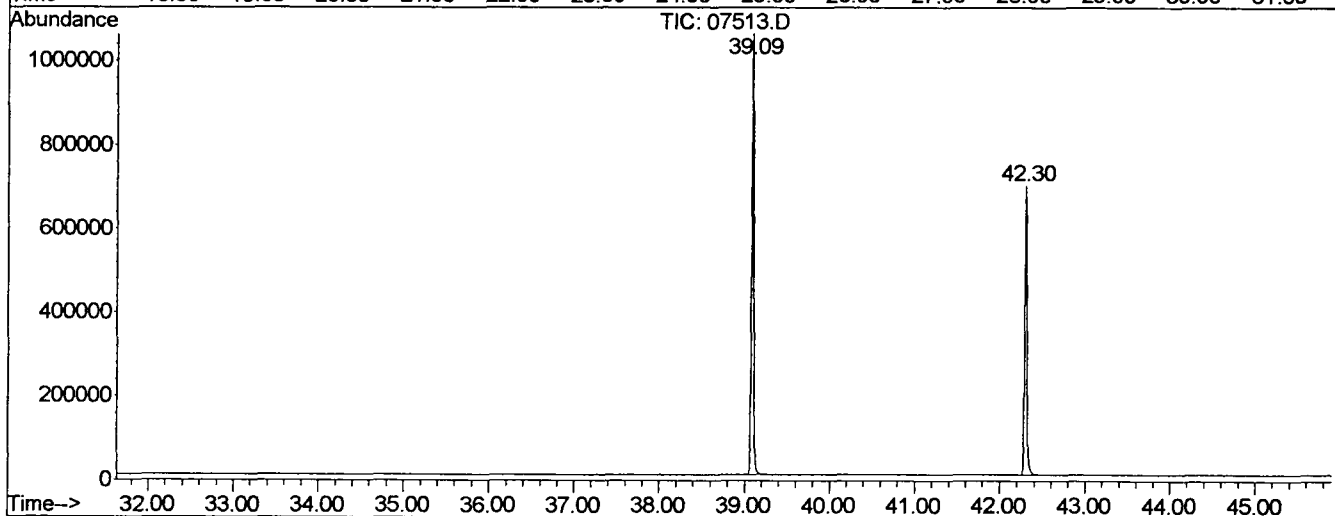
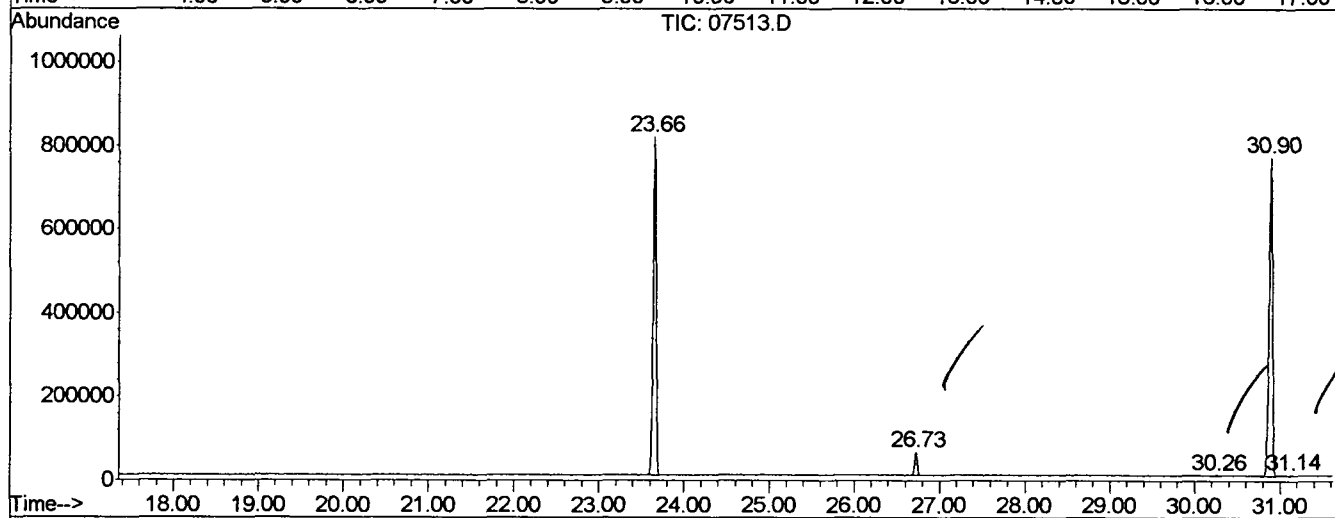
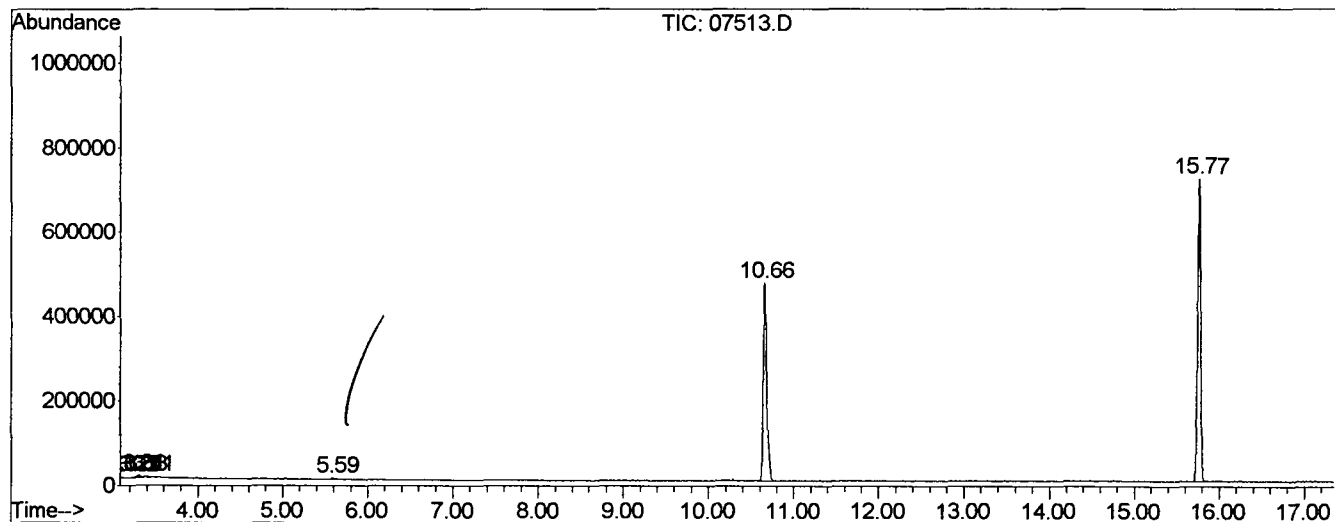
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.226	22	25	26	PV	1807	14830	0.07%	0.014%
2	3.273	26	33	35	VV 3	4142	96228	0.45%	0.092%
3	3.308	35	39	41	VV 3	7067	114691	0.54%	0.109%
4	3.326	41	42	48	VV 4	4088	83968	0.40%	0.080%
5	3.414	55	57	62	VV 4	4000	77761	0.37%	0.074%
6	5.588	422	427	434	PV 2	3908	72278	0.34%	0.069%
7	10.659	1277	1290	1309	VV	466686	13056625	61.72%	12.448%
8	15.770	2145	2160	2174	BV	718826	17252097	81.55%	16.447%
9	23.655	3484	3502	3513	BV	798256	20450724	96.67%	19.497%
10	26.728	4016	4025	4033	VV 2	55410	1212213	5.73%	1.156%
11	30.260	4612	4626	4636	VV 2	2342	72160	0.34%	0.069%
12	30.894	4706	4734	4746	VV 2	754315	21154379	100.00%	20.168%
13	31.135	4769	4775	4781	PV 2	2332	55798	0.26%	0.053%
14	39.096	6116	6130	6154	PV 2	1021983	18530367	87.60%	17.666%
15	42.299	6661	6675	6704	PV	675109	12648756	59.79%	12.059%

Sum of corrected areas: 104892876

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020404\07513.D
 Operator : Nefliu
 Acquired : 4 Apr 2002 2:26 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 9
 Quant File :SCAN020403.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020404\07513.D
Acq On : 4 Apr 2002 2:26 pm
Sample : sample
Misc :
MS Integration Params: LSCINT.e

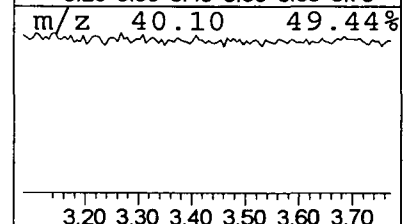
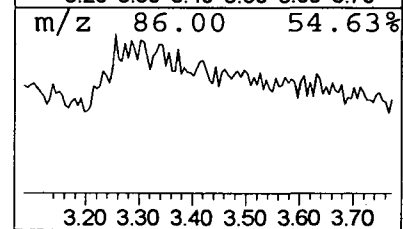
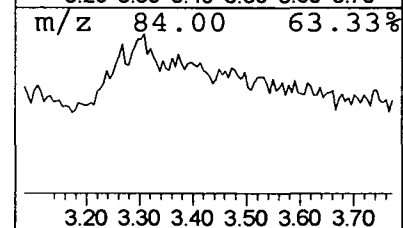
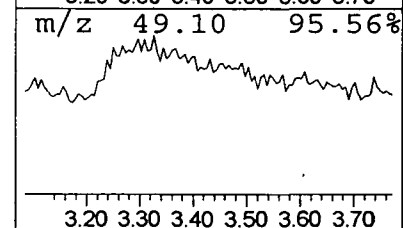
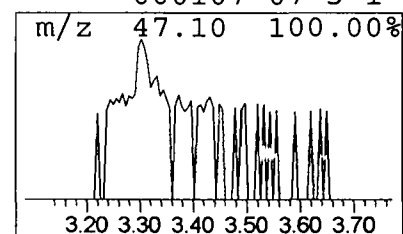
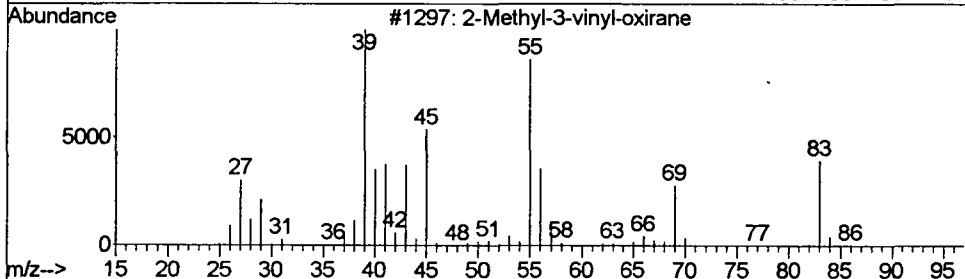
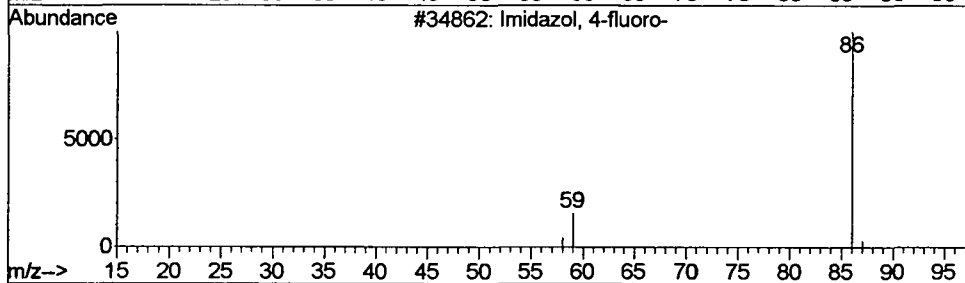
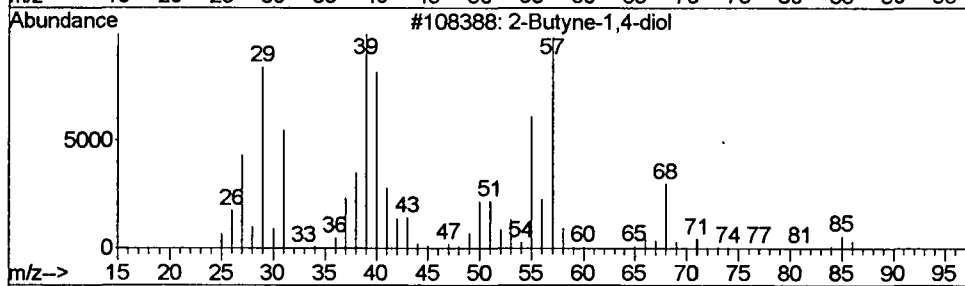
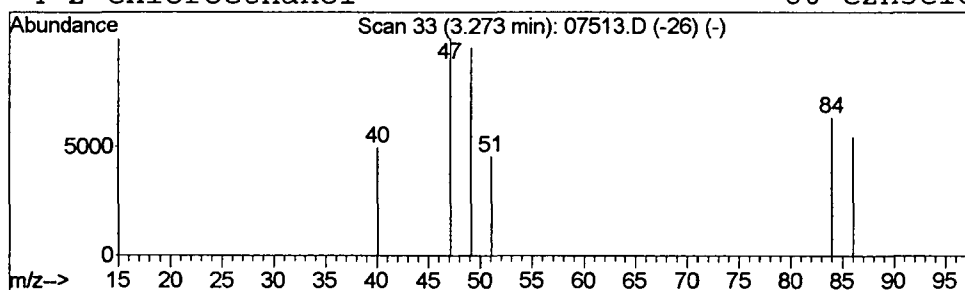
Vial: 9
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	0.15 ug/l	96228	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	Imidazol, 4-fluoro-		86	C3H3FN2	030086-17-0	2
3	2-Methyl-3-vinyl-oxirane		84	C5H8O	006790-37-0	1
4	2-Chloroethanol		80	C2H5ClO	000107-07-3	1



Library Search Compound Report

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Acq On : 4 Apr 2002 2:26 pm

Sample : sample

Misc :

MS Integration Params: LSCINT.e

Vial: 9

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

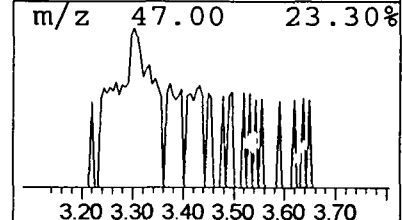
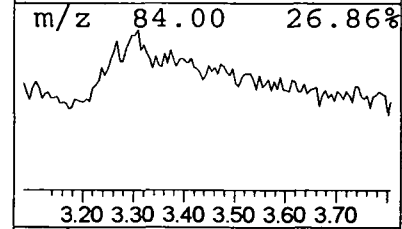
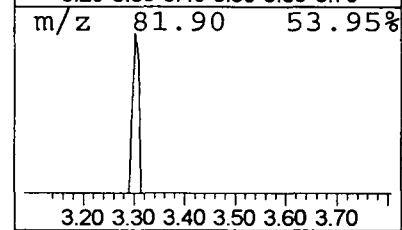
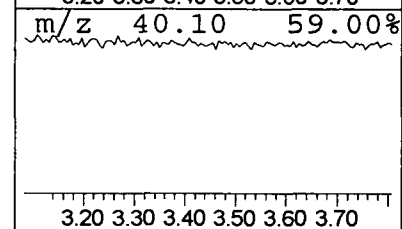
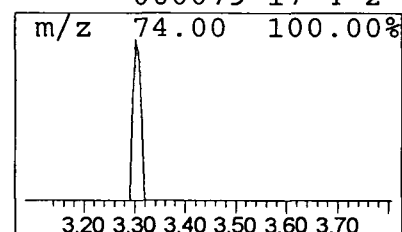
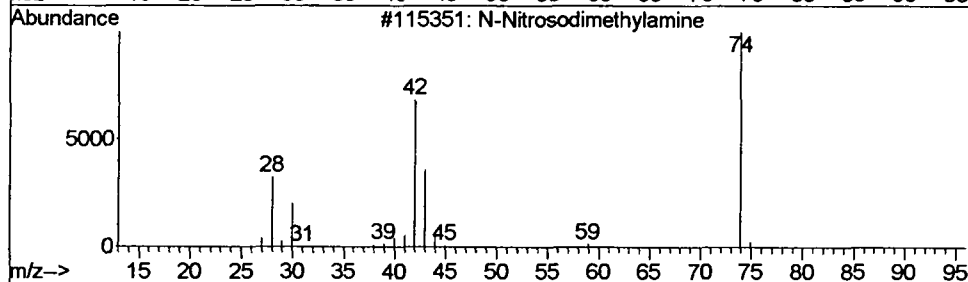
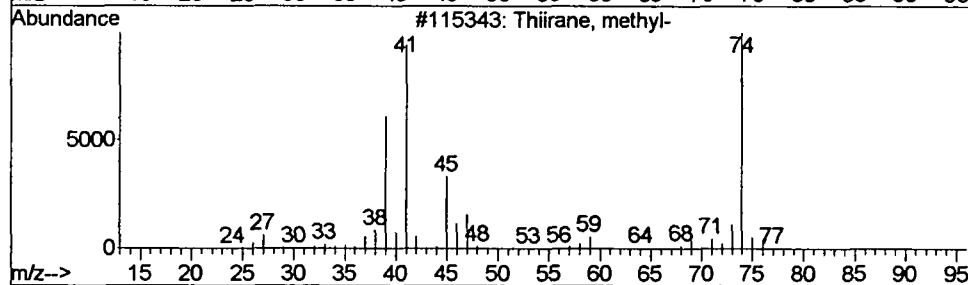
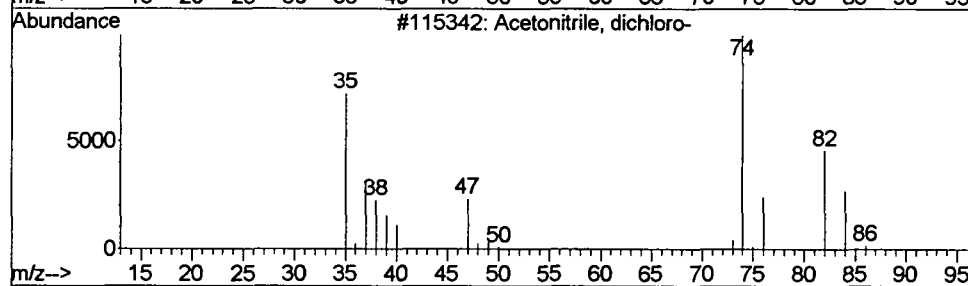
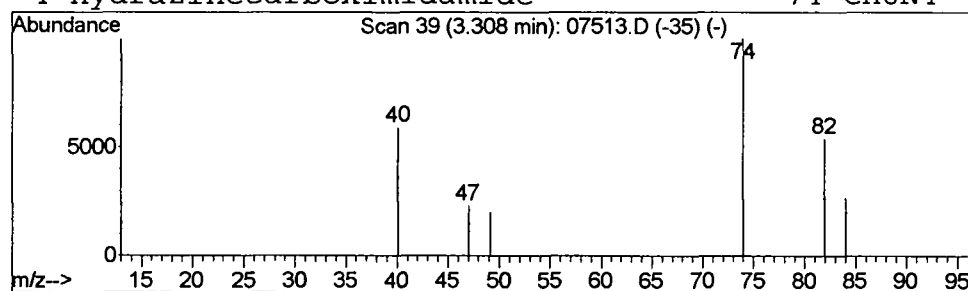
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 2 Acetonitrile, dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.31	0.18 ug/l	114691	1,4-Dichlorobenzene-d4	10.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	28
2			Thiirane, methyl-	74	C3H6S	001072-43-1	4
3			N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	2
4			Hydrazinecarboximidamide	74	CH6N4	000079-17-4	2



Library Search Compound Report

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Acq On : 4 Apr 2002 2:26 pm

Sample : sample

Misc :

MS Integration Params: LSCINT.e

Vial: 9

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

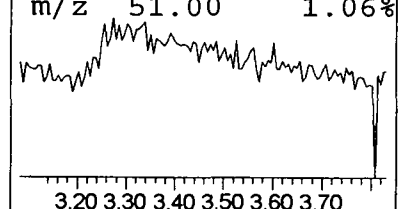
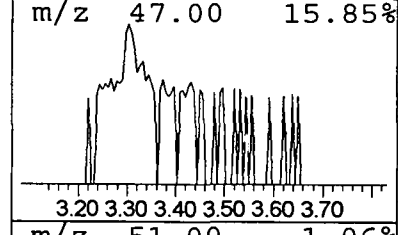
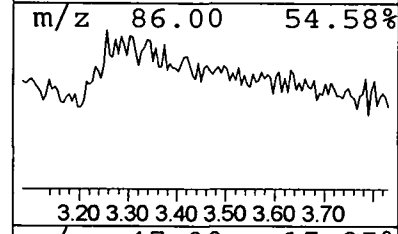
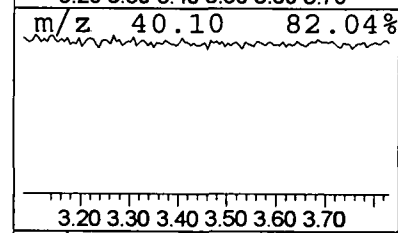
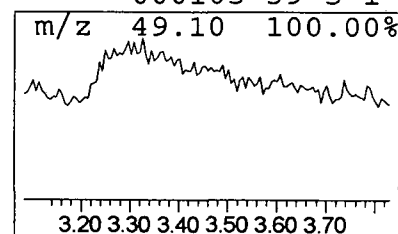
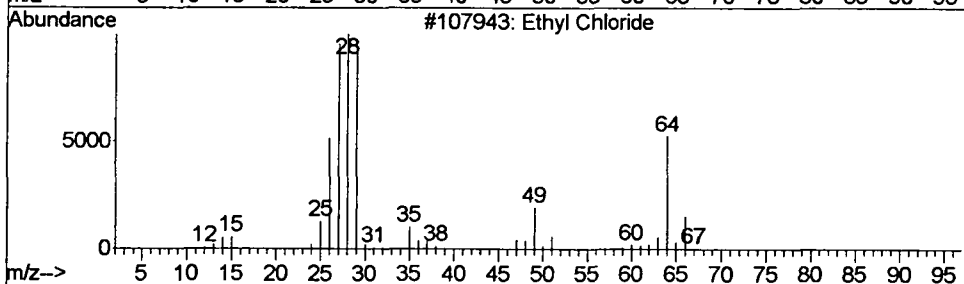
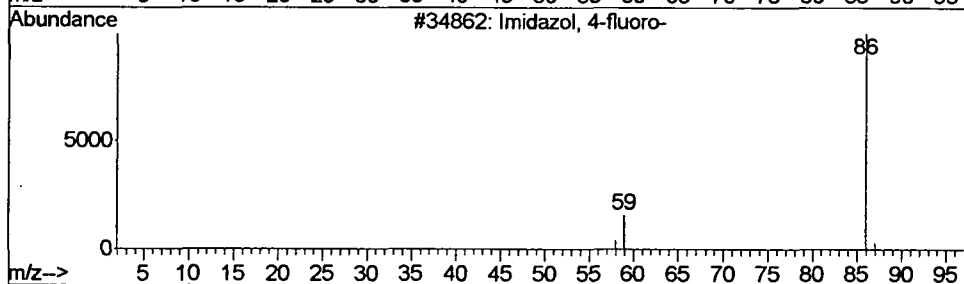
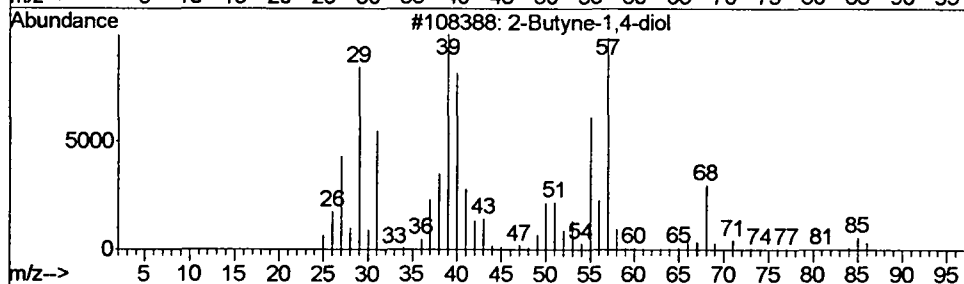
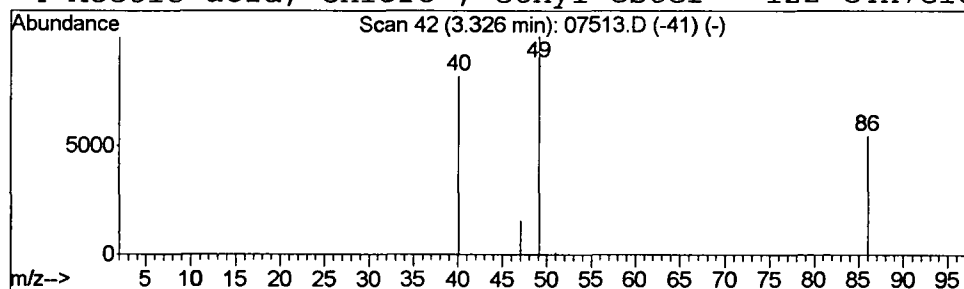
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	0.13 ug/l	83968	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			Imidazol, 4-fluoro-	86	C3H3FN2	030086-17-0	2
3			Ethyl Chloride	64	C2H5Cl	000075-00-3	2
4			Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	1



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020404\07513.D

Acq On : 4 Apr 2002 2:26 pm

Sample : sample

Misc :

MS Integration Params: LSCINT.e

Vial: 9

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

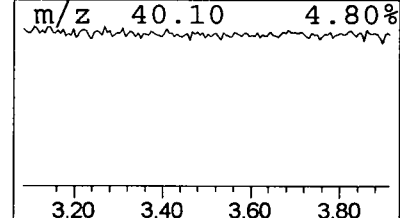
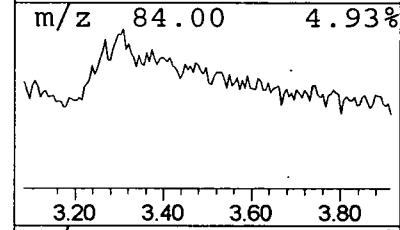
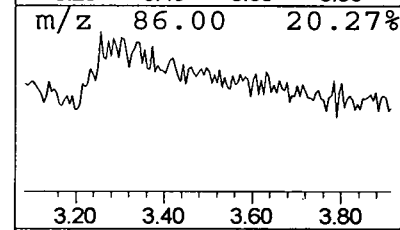
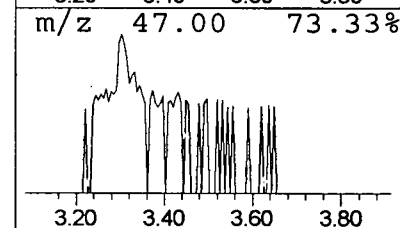
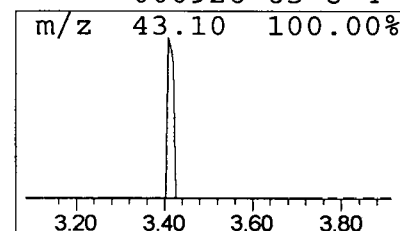
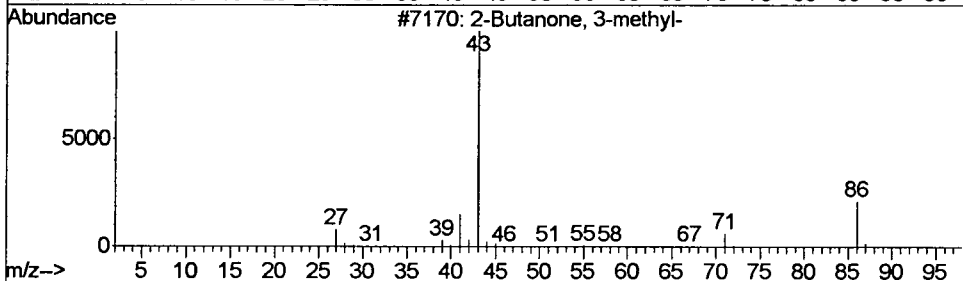
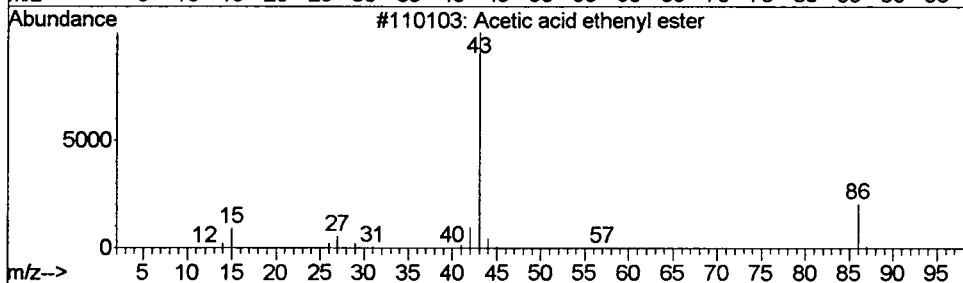
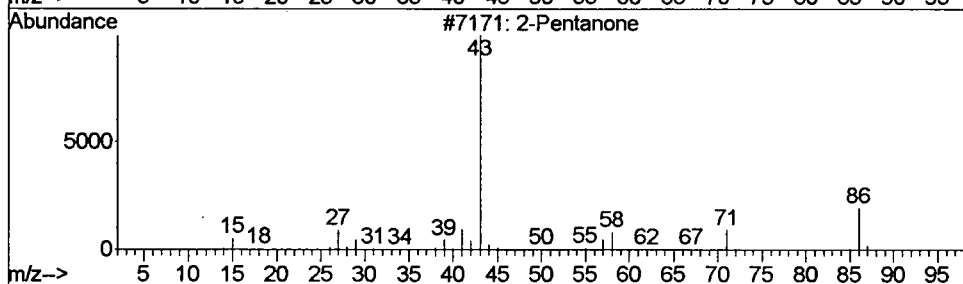
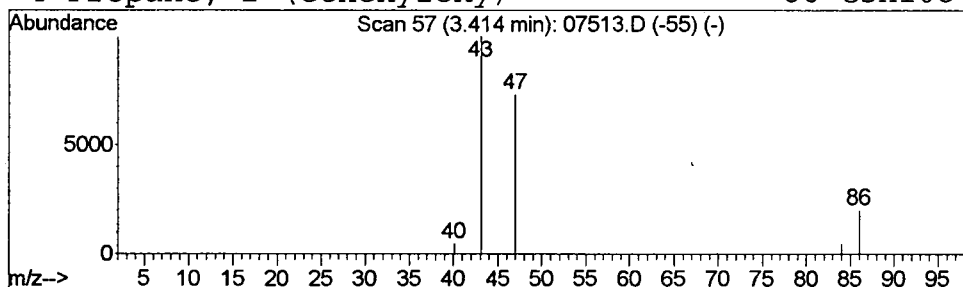
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 4 2-Pentanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.41	0.12 ug/l	77761	1,4-Dichlorobenzene-d4	10.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone		86	C5H10O	000107-87-9	4
2	Acetic acid ethenyl ester		86	C4H6O2	000108-05-4	4
3	2-Butanone, 3-methyl-		86	C5H10O	000563-80-4	4
4	Propane, 2-(ethenyloxy)-		86	C5H10O	000926-65-8	4



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020404\07513.D

Acq On : 4 Apr 2002 2:26 pm

Sample : sample

Misc :

MS Integration Params: LSCINT.e

Vial: 9

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

Title : Method 508 GC/MS Scan

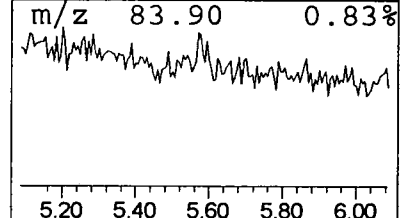
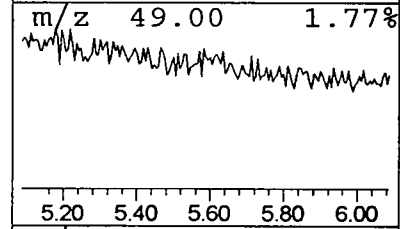
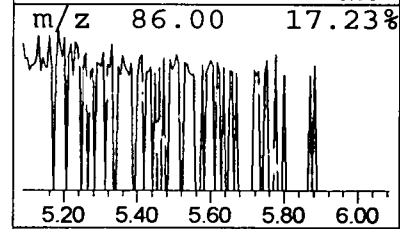
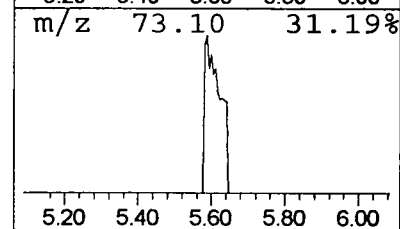
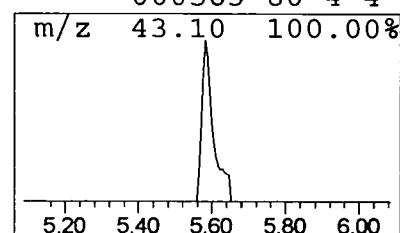
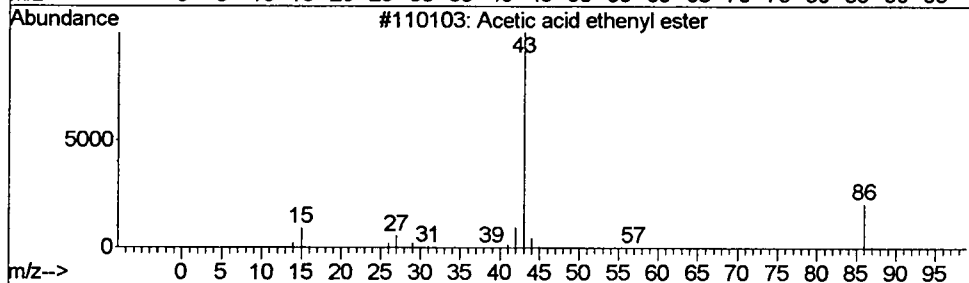
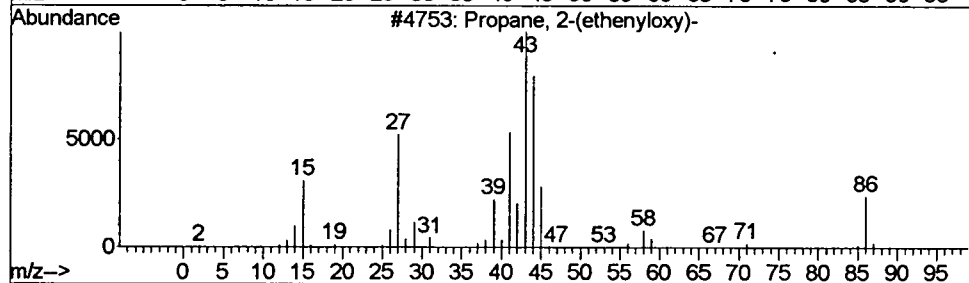
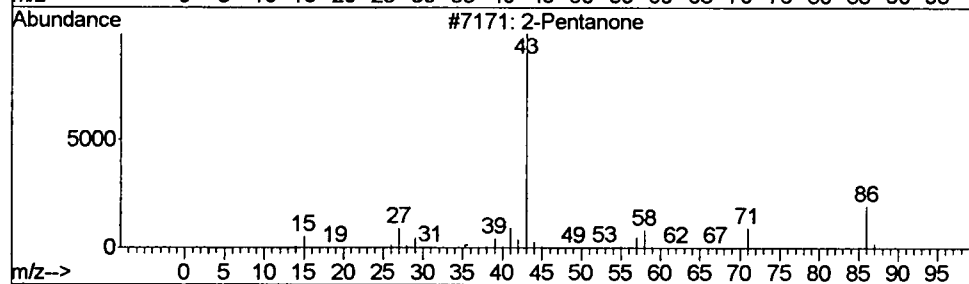
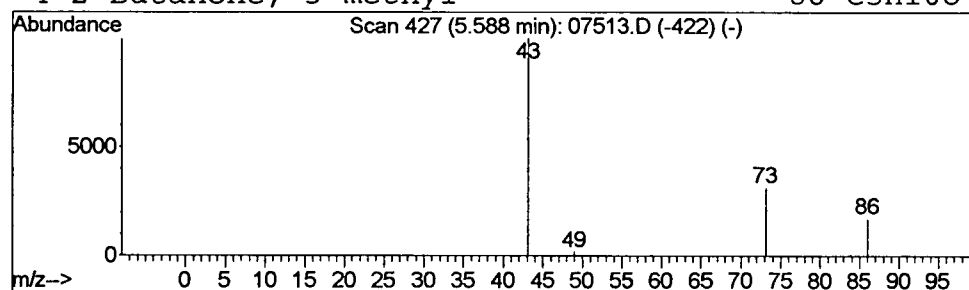
Library : C:\DATABASE\nist98.1

Peak Number 5 2-Pentanone

Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	0.11 ug/l	72278	1,4-Dichlorobenzene-d4	10.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone	86	C5H10O	000107-87-9	4
2		Propane, 2-(ethenyloxy)-	86	C5H10O	000926-65-8	4
3		Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	4
4		2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	4



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 4 Apr 2002 2:26 pm
Data File: C:\MSDCHEM\1\DATA\020404\07513.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	3.27	0.1	ug/l	96228	1	10.66	13056600	20.0
Acetonitrile, dic...	3.31	0.2	ug/l	114691	1	10.66	13056600	20.0
2-Butyne-1,4-diol	3.33	0.1	ug/l	83968	1	10.66	13056600	20.0
2-Pentanone	3.41	0.1	ug/l	77761	1	10.66	13056600	20.0
2-Pentanone	5.59	0.1	ug/l	72278	1	10.66	13056600	20.0