

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 04/09/2002 Time: 09:52:07

Sample: AE07631
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 4/9/02 09:51 Ended: 4/9/02 09:51 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		75		5.0

Comments for Sample AE07631 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-09-2002 Time: 09:52:10

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\020403\07631.D
Acq On : 4 Apr 2002 3:35 am
Sample : sample
Misc :
MS Integration Params: EVENTS.E
Quant Time: Apr 04 08:15:45 2002

Vial: 21
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 : Thu Apr 04 08:10:12 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	2070498	20.00	ug/l	0.00
10) Naphthalene-d8	15.77	136	7444442	20.00	ug/l	0.00
17) Acenaphthene-d10	23.65	164	4237111	20.00	ug/l	-0.02
31) Phenanthrene-d10	30.89	188	6806173	20.00	ug/l	-0.01
39) Chrysene-d12	39.09	240	5290617	20.00	ug/l	-0.02
45) Perylene-d12	42.30	264	3001805	20.00	ug/l	-0.01

System Monitoring Compounds

28) TCMX	26.73	207	123834	2.99	ug/l	0.00
Spiked Amount	5.000		Recovery	=	59.80%	

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
07631.D SCAN020403.M Thu Apr 04 10:49:13 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020403\07631.D

Acq On : 4 Apr 2002 3:35 am

Sample : sample

Misc :

MS Integration Params: EVENTS.E

Quant Time: Apr 4 8:15 2002

Vial: 21

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

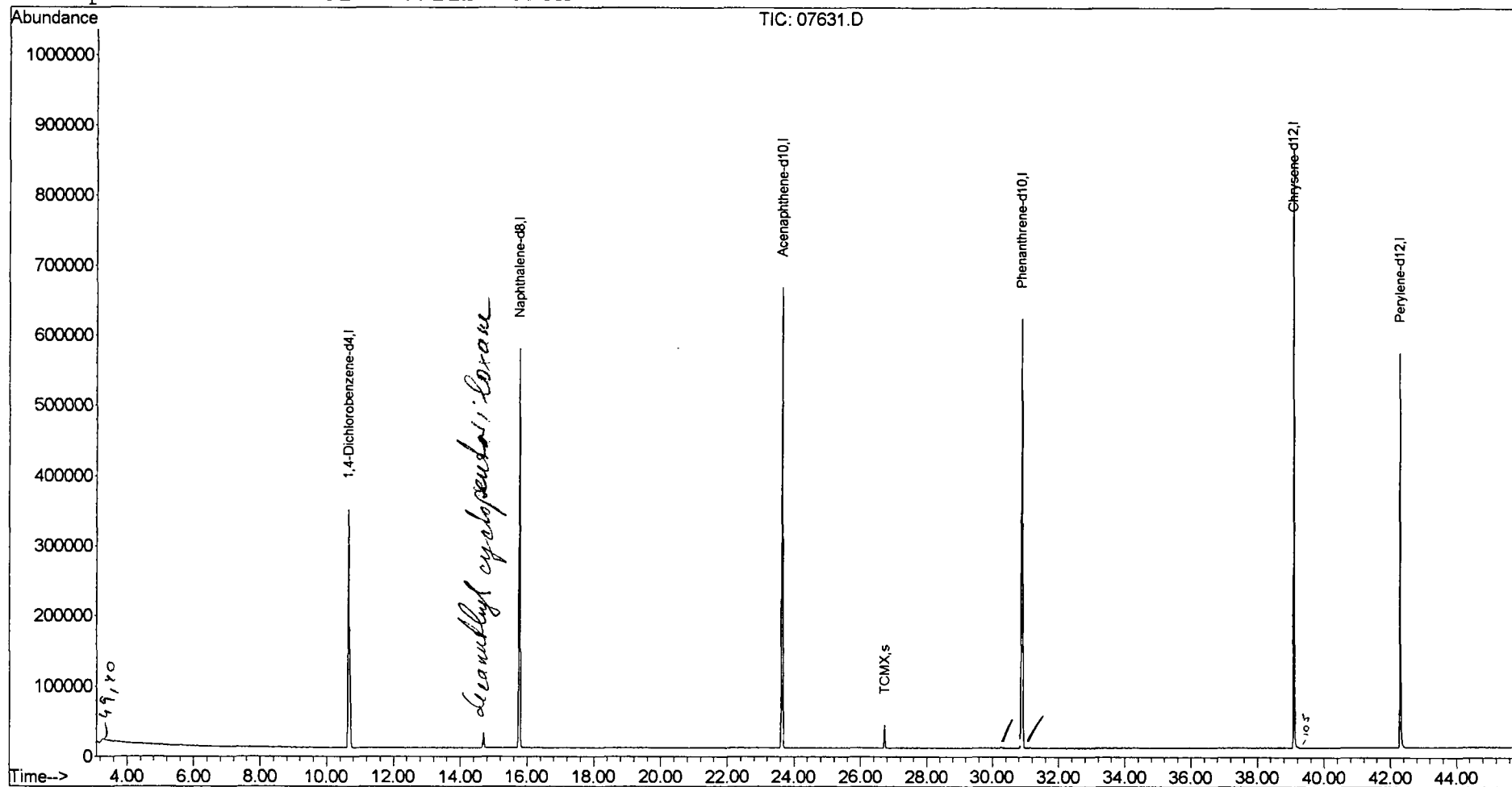
Quant Results File: SCAN020403.RES

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

Title : Method 508 GC/MS Scan

Last Update : Thu Apr 04 08:40:00 2002

Response via : Initial Calibration



07631.D SCAN020403.M

Thu Apr 04 10:49:14 2002

Page 2

LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020403\07631.D
 Acq On : 4 Apr 2002 3:35 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

Vial: 21
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

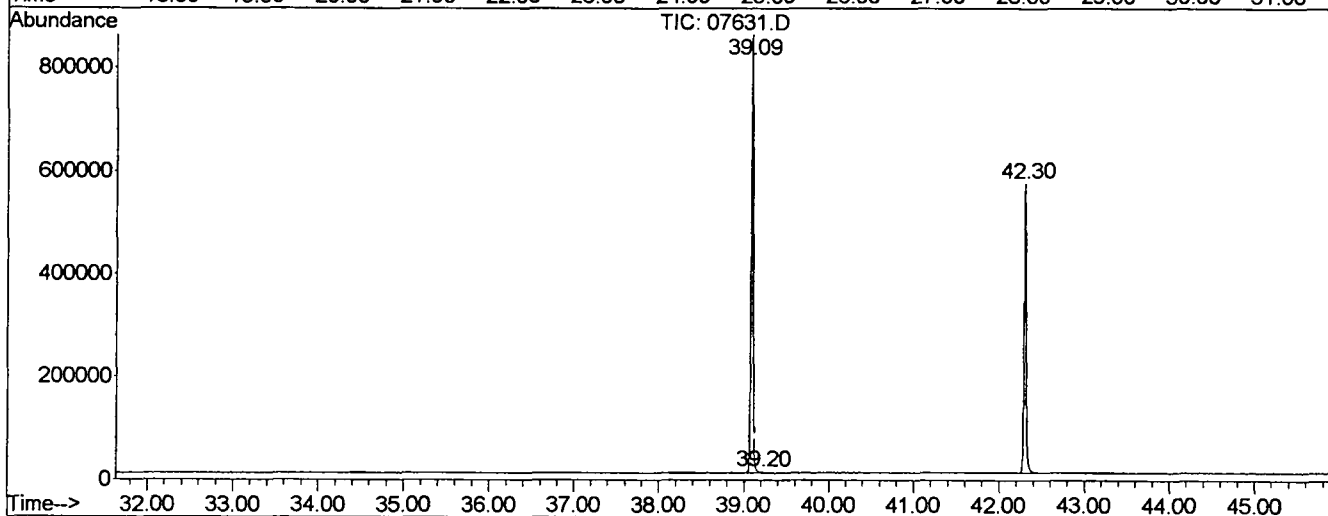
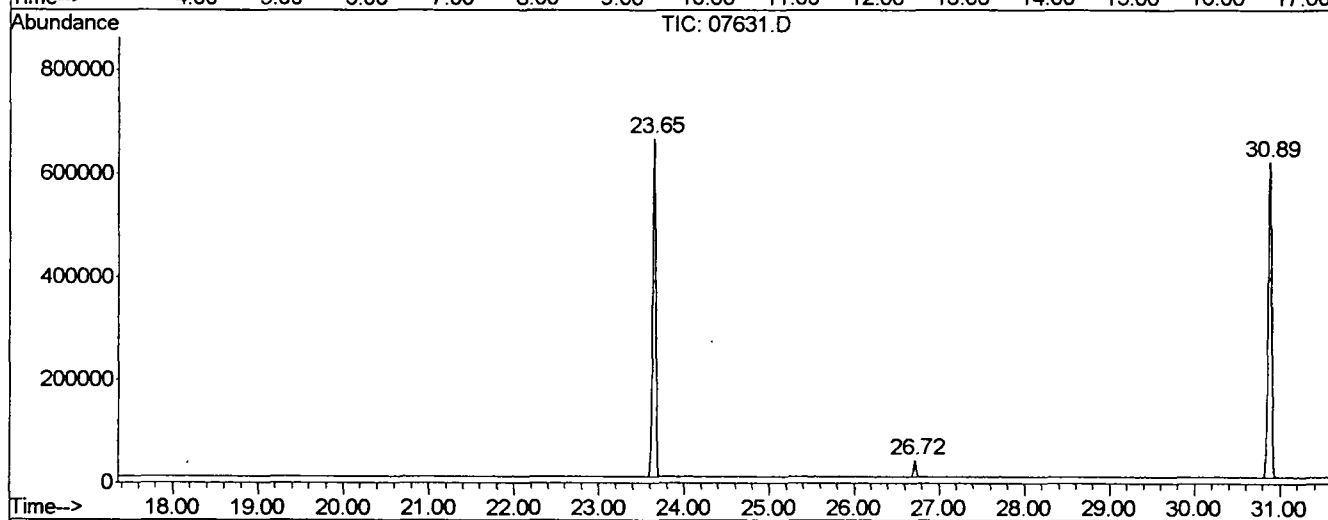
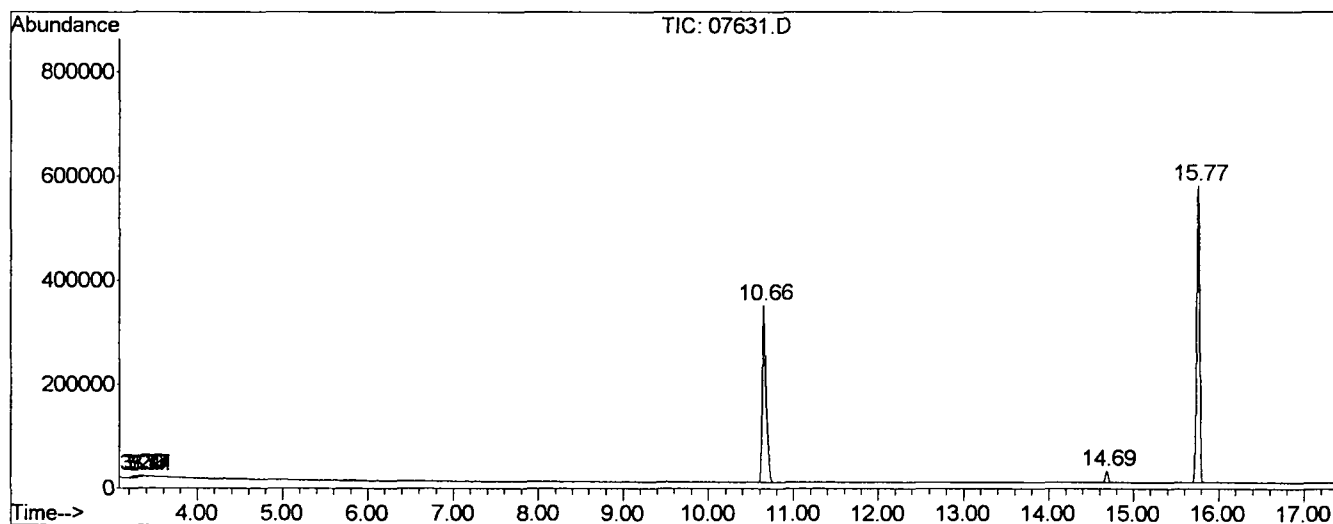
Signal : TIC

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	41	PV 4	4681	224592	1.35%	0.268%
2	3.326	41	42	49	VV 2	3623	79536	0.48%	0.095%
3	3.373	49	50	55	VV 3	2243	40087	0.24%	0.048%
4	3.408	55	56	65	VV 6	1568	33051	0.20%	0.040%
5	10.653	1277	1289	1310	PV	336287	10672323	64.13%	12.755%
6	14.689	1966	1976	1987	PV 2	22098	534683	3.21%	0.639%
7	15.765	2146	2159	2177	VV	564370	13959593	83.88%	16.684%
8	23.655	3489	3502	3512	PV	653174	16298223	97.94%	19.479%
9	26.723	4016	4024	4033	VV 3	32590	689081	4.14%	0.824%
10	30.888	4713	4733	4751	VV 2	603387	16641514	100.00%	19.889%
11	39.091	6120	6129	6144	PV 2	825874	14655966	88.07%	17.516%
12	39.202	6144	6148	6161	VV 2	2865	86782	0.52%	0.104%
13	42.299	6661	6675	6705	PV	564115	9755530	58.62%	11.659%

Sum of corrected areas: 83670961

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020403\07631.D
Operator : Nefliu
Acquired : 4 Apr 2002 3:35 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 21
Quant File :SCAN020403.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020403\07631.D
 Acq On : 4 Apr 2002 3:35 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

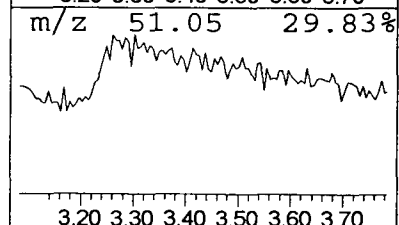
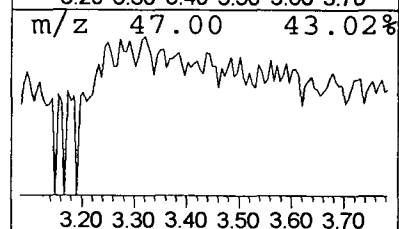
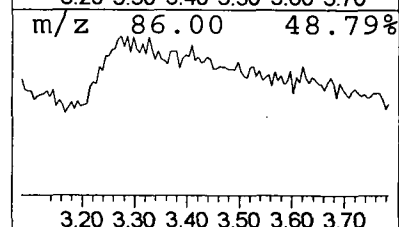
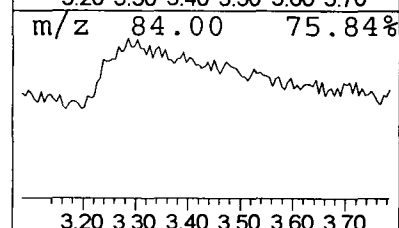
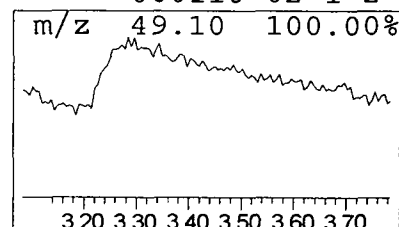
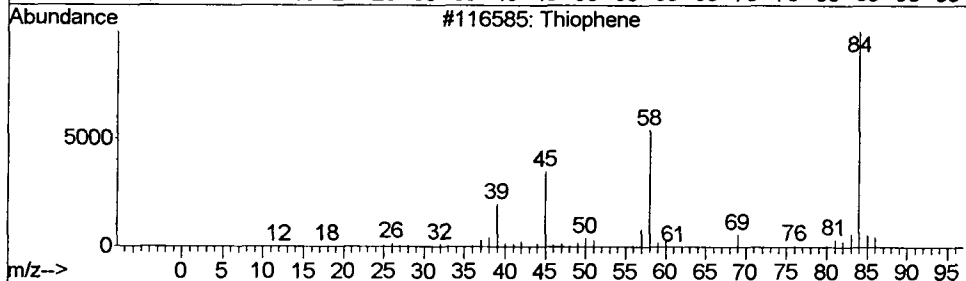
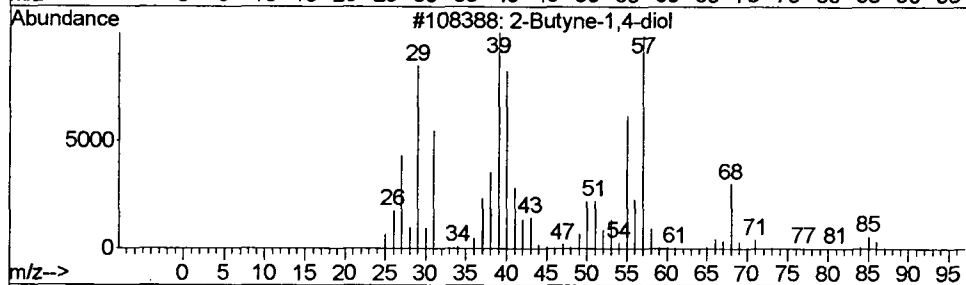
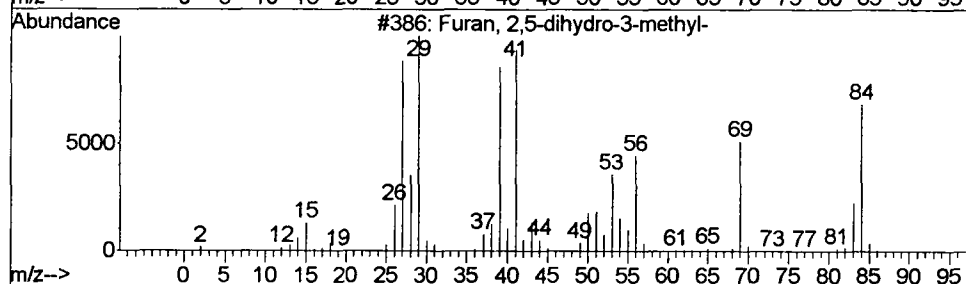
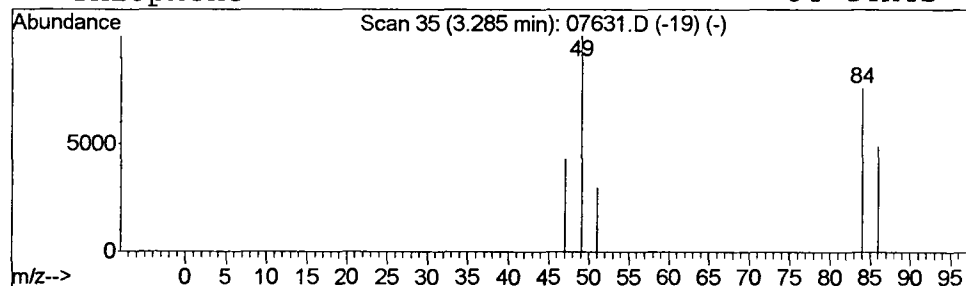
Vial: 21
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 1 Furan, 2,5-dihydro-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	0.42 ug/l	224592	1,4-Dichlorobenzene-d4	10.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Furan, 2,5-dihydro-3-methyl-	84	C5H8O	001708-31-2	4
2		2-Butyne-1,4-diol	86	C4H6O2	000110-65-6	3
3		Thiophene	84	C4H4S	000110-02-1	2
4		Thiophene	84	C4H4S	000110-02-1	2



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020403\07631.D
 Acq On : 4 Apr 2002 3:35 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

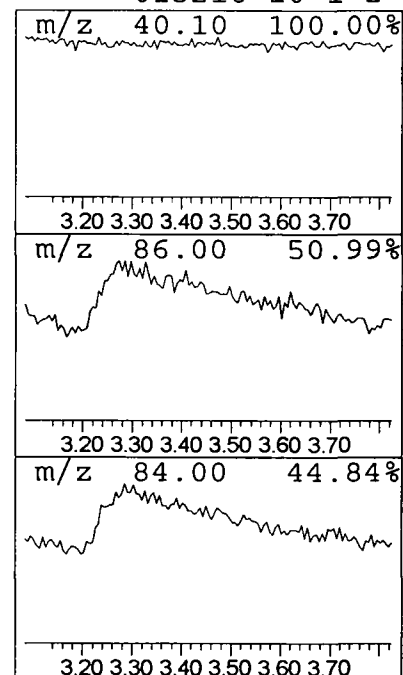
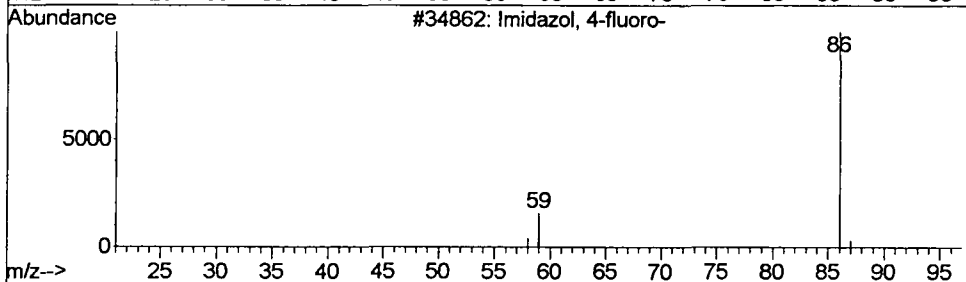
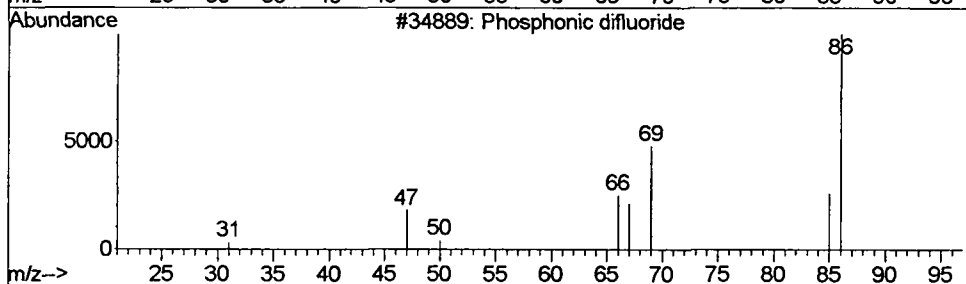
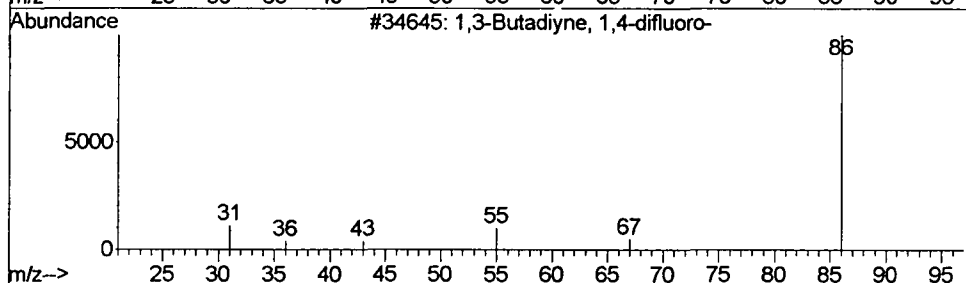
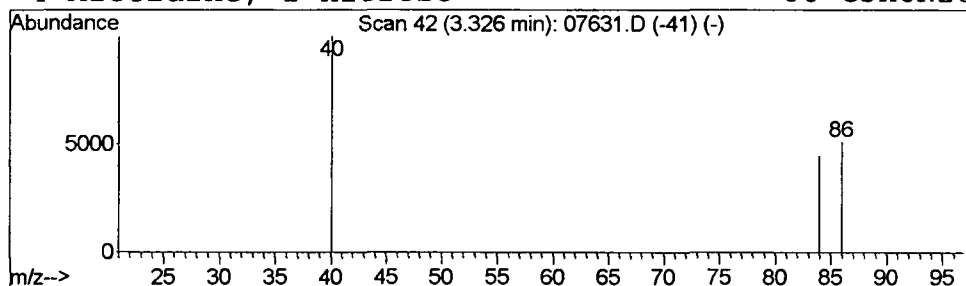
Vial: 21
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 2 1,3-Butadiyne, 1,4-difluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	0.15 ug/l	79536	1,4-Dichlorobenzene-d4	10.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Butadiyne, 1,4-difluoro-	86	C4F2	064788-23-4	2
2			Phosphonic difluoride	86	F2HOP	014939-34-5	2
3			Imidazol, 4-fluoro-	86	C3H3FN2	030086-17-0	2
4			Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	2



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020403\07631.D
Acq On : 4 Apr 2002 3:35 am
Sample : sample
Misc :
MS Integration Params: LSCINT.e

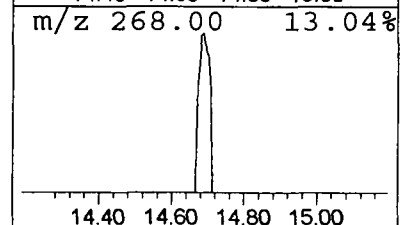
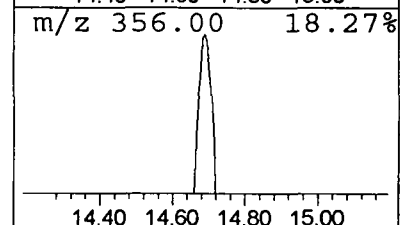
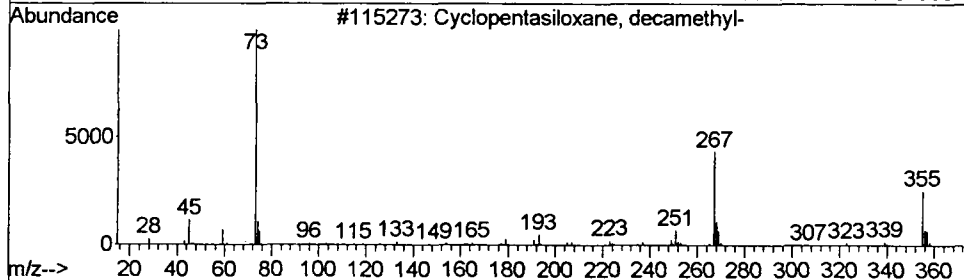
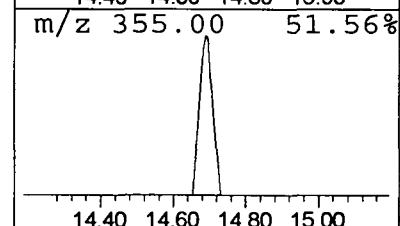
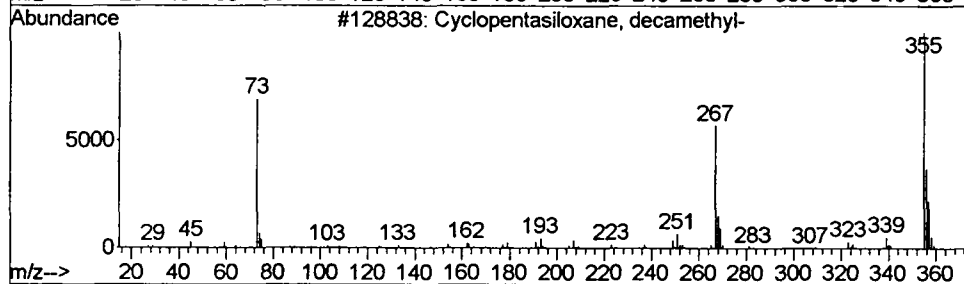
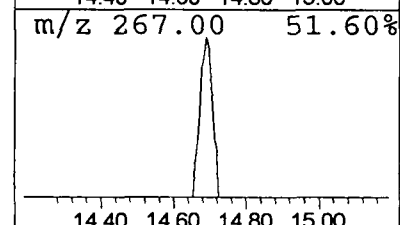
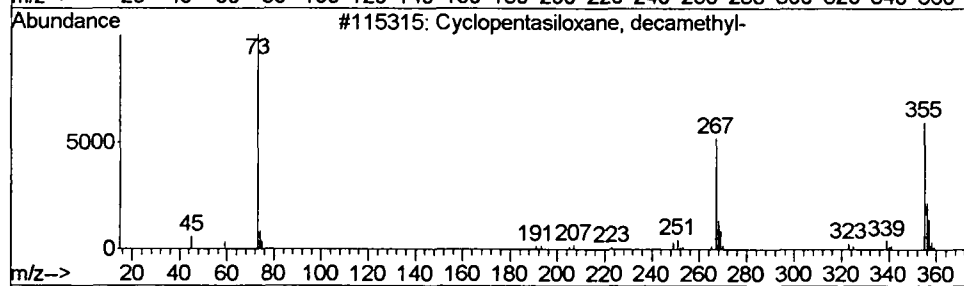
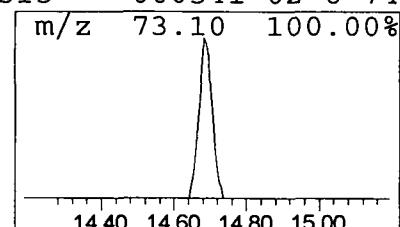
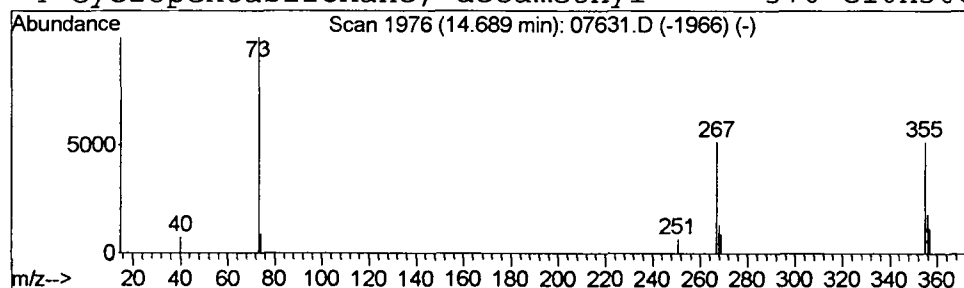
Vial: 21
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 3 Cyclopentasiloxane, decamet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	0.77 ug/l	534683	Naphthalene-d8	15.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
2			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
3			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
4			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	74



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020403\07631.D
 Acq On : 4 Apr 2002 3:35 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

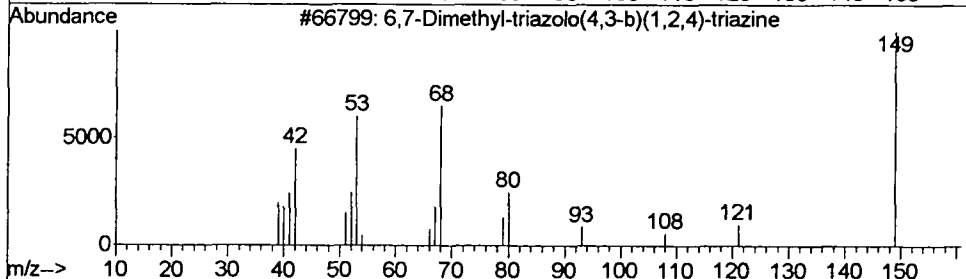
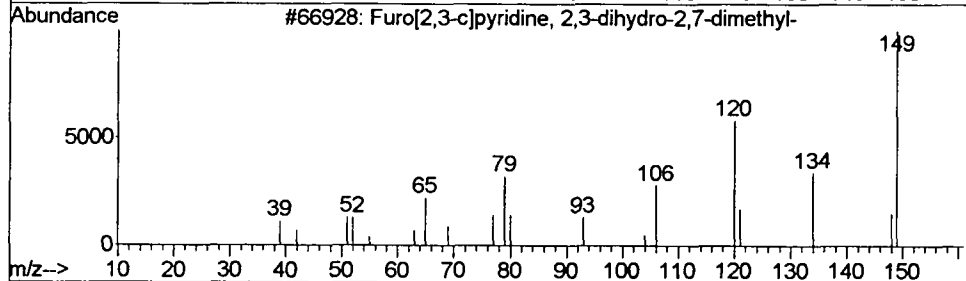
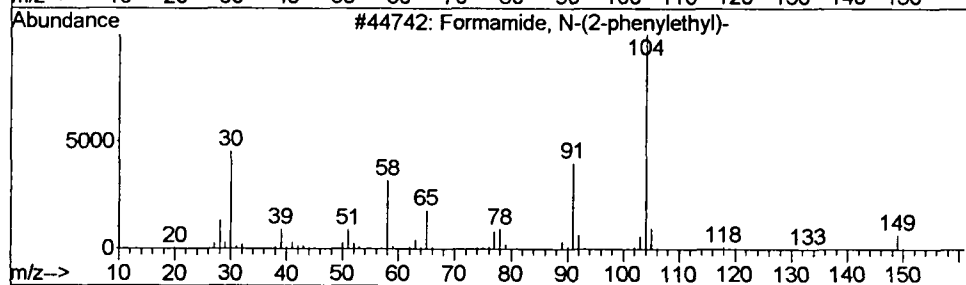
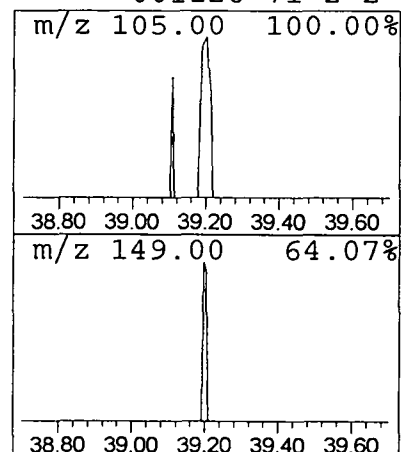
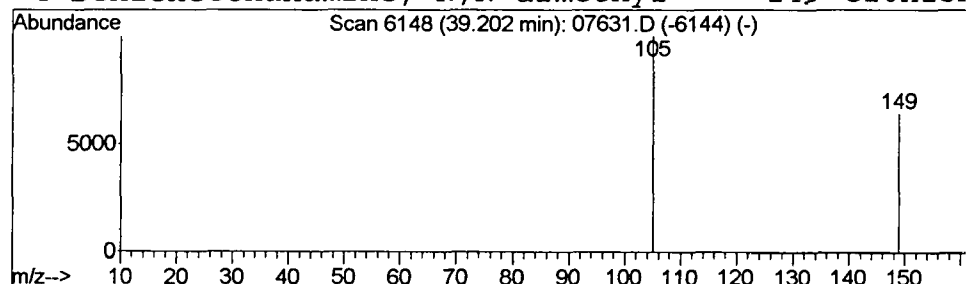
Vial: 21
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.20	0.12 ug/l	86782	Chrysene-d12	39.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Formamide, N-(2-phenylethyl)-	149	C9H11NO	023069-99-0	3
2			Furo[2,3-c]pyridine, 2,3-dihydro...	149	C9H11NO	069022-82-8	2
3			6,7-Dimethyl-triazolo(4,3-b)(1,2...	149	C6H7N5	1000146-53-7	2
4			Benzeneethanamine, N,N-dimethyl-	149	C10H15N	001126-71-2	2



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 4 Apr 2002 3:35 am
Data File: C:\MSDCHEM\1\DATA\020403\07631.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
Furan, 2,5-dihydr...	3.29	0.4	ug/l	224592	1	10.66	10672300	20.0
1,3-Butadiyne, 1,...	3.33	0.1	ug/l	79536	1	10.66	10672300	20.0
✓ Cyclopentasiloxan...	14.69	0.8	ug/l	534683	2	15.77	13959600	20.0
Formamide, N-(2-p...	39.20	0.1	ug/l	86782	5	39.09	14656000	20.0