

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 04/09/2002 Time: 09:55:04

Sample: AE07632
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 4/9/02 09:52 Ended: 4/9/02 09:52 Analyst: DLV
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Sum 2,4-DDD	LSPEC	67		5.0



Comments for Sample AE07632 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-09-2002 Time: 09:54:10

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. This sample will be reextracted and reanalyzed because of the low, 37%, Surrogate Standard recovery.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020403\07632.D
Acq On : 4 Apr 2002 4:31 am
Sample : sample
Misc :
MS Integration Params: EVENTS.E
Quant Time: Apr 04 08:16:13 2002

Vial: 22
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	2836324	20.00	ug/l	0.00
10) Naphthalene-d8	15.77	136	10418906	20.00	ug/l	0.00
17) Acenaphthene-d10	23.66	164	5963826	20.00	ug/l	-0.01
31) Phenanthrene-d10	30.90	188	9804712	20.00	ug/l	0.00
39) Chrysene-d12	39.10	240	8138945	20.00	ug/l	-0.01
45) Perylene-d12	42.30	264	4604093	20.00	ug/l	0.00

System Monitoring Compounds

28) TCMX	26.72	207	155106	2.66	ug/l	0.00
Spiked Amount	5.000		Recovery	=	53.20%	
Target Compounds	4.0					Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
07632.D SCAN020403.M Thu Apr 04 10:49:59 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020403\07632.D

Vial: 22

Acq On : 4 Apr 2002 4:31 am

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: EVENTS.E

Quant Time: Apr 4 10:49 2002

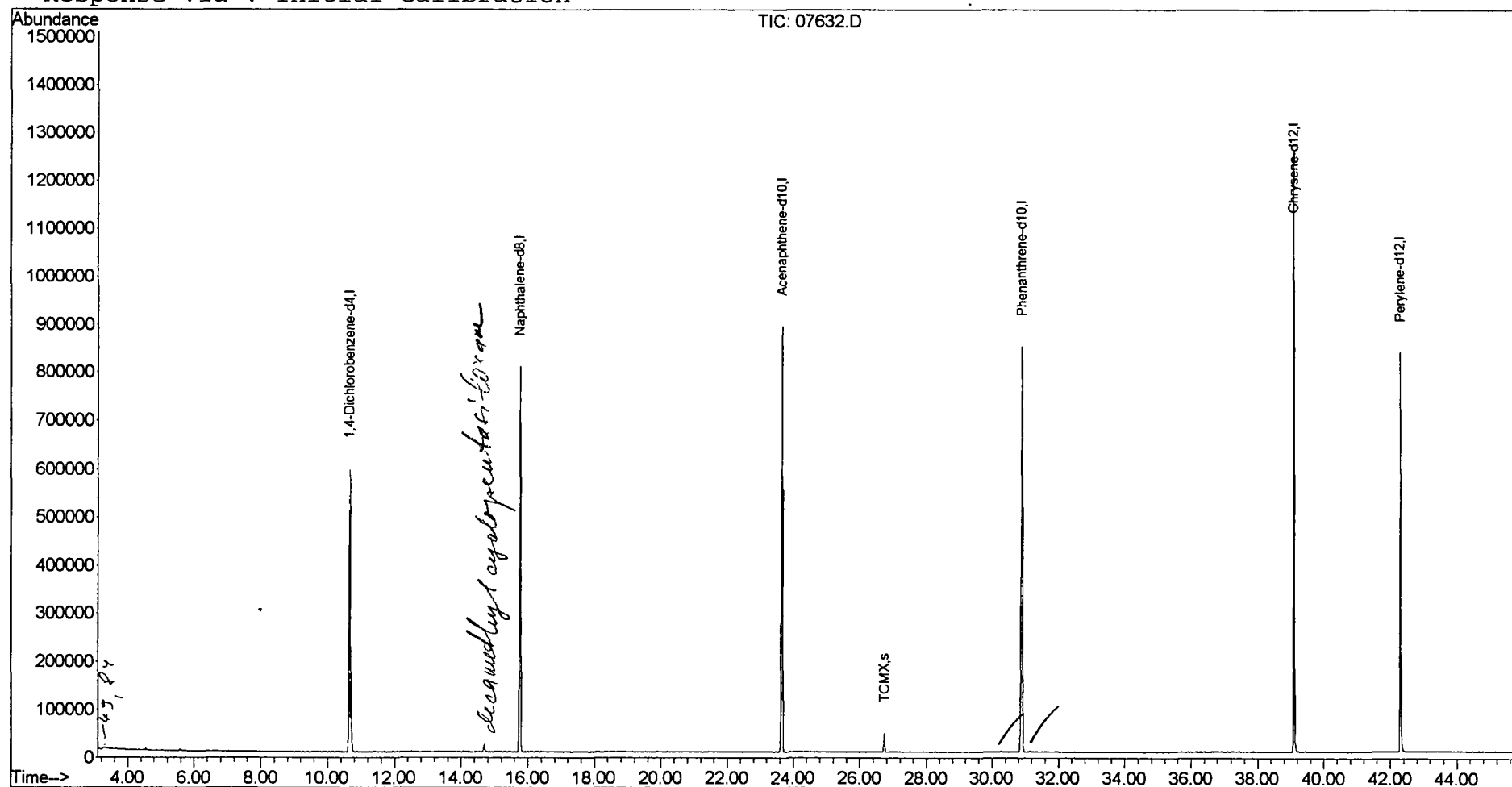
Quant Results File: SCAN020403.RES

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



07632.D SCAN020403.M

Thu Apr 04 10:50:01 2002

Page 2

LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020403\07632.D

Acq On : 4 Apr 2002 4:31 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

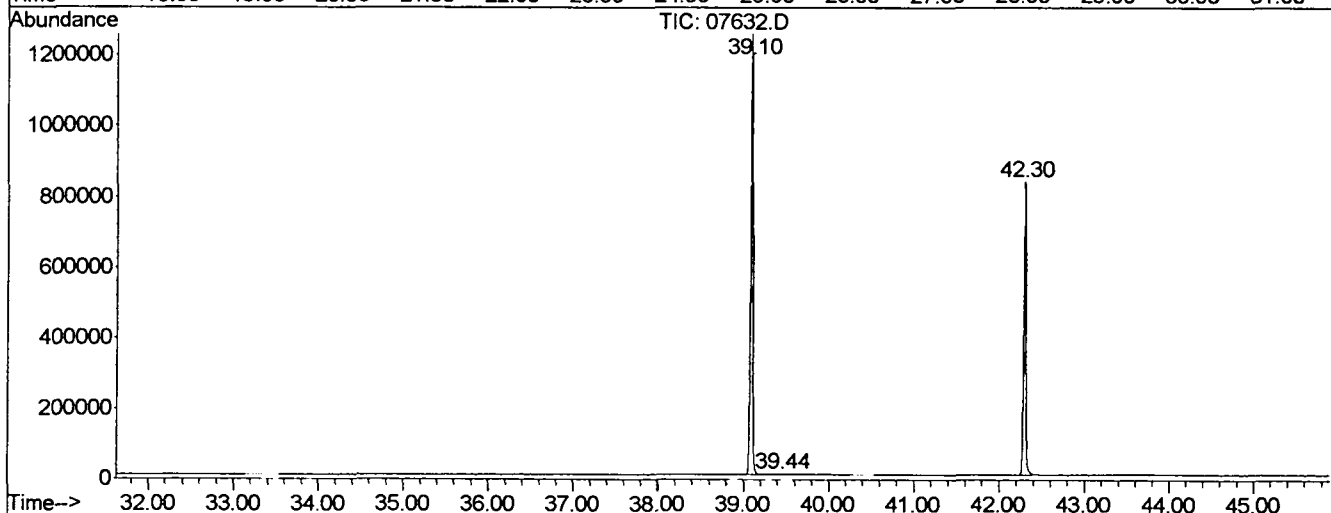
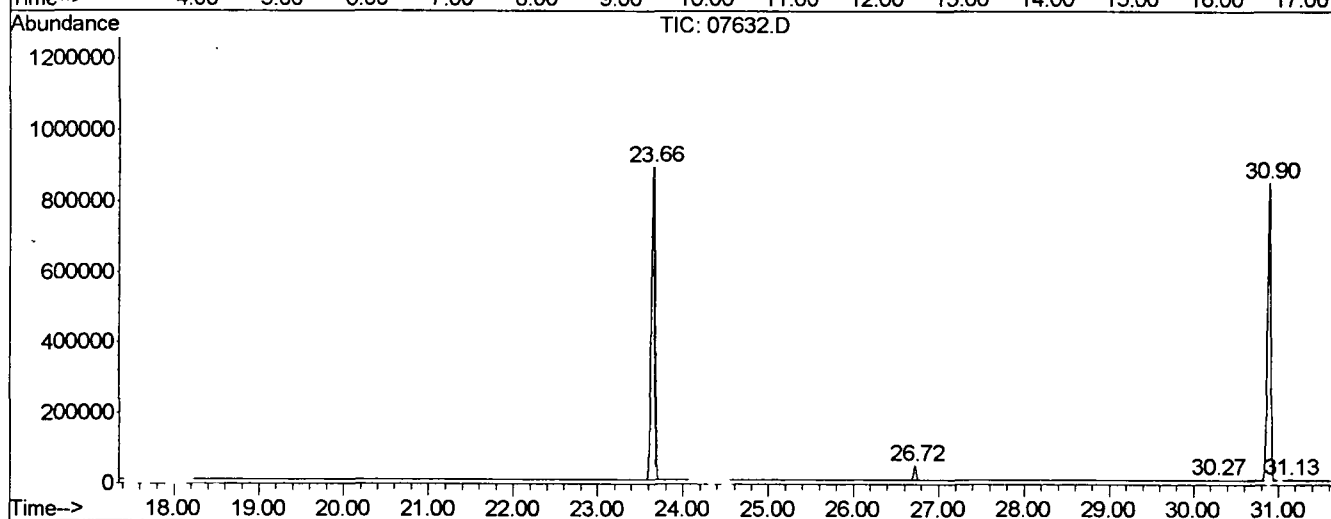
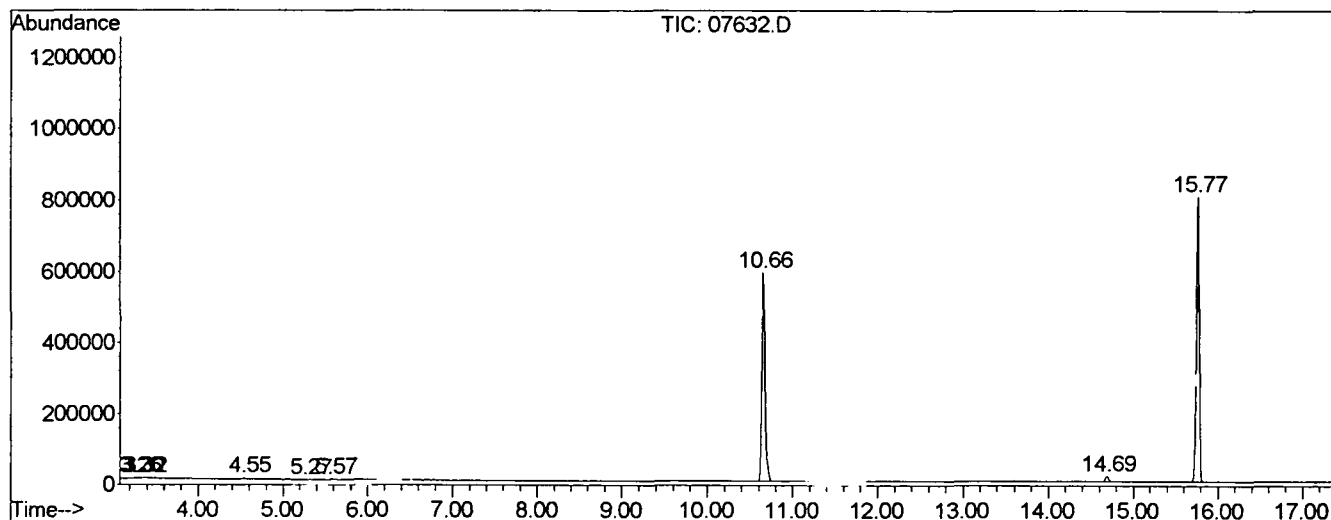
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.267	22	32	33	PV 4	3235	77784	0.32%	0.064%
2	3.296	33	37	40	VV 4	3582	77614	0.32%	0.064%
3	3.326	40	42	43	VV	3348	34561	0.14%	0.029%
4	4.548	245	250	255	VV	4962	67723	0.28%	0.056%
5	5.276	368	374	377	PV 3	1473	21592	0.09%	0.018%
6	5.576	420	425	429	PV 3	2576	38385	0.16%	0.032%
7	10.658	1279	1290	1310	PV	587252	14796228	61.39%	12.244%
8	14.689	1963	1976	1984	VV 3	15878	397404	1.65%	0.329%
9	15.770	2147	2160	2170	PV	793288	19591279	81.28%	16.211%
10	23.661	3482	3503	3516	PV	876862	23100092	95.84%	19.115%
11	26.722	4001	4024	4032	VV 4	40290	943209	3.91%	0.780%
12	30.265	4619	4627	4644	VV	2436	77885	0.32%	0.064%
13	30.894	4718	4734	4746	VV 2	839465	24101963	100.00%	19.944%
14	31.129	4768	4774	4783	VV 2	2556	74127	0.31%	0.061%
15	39.096	6110	6130	6152	VV	1222109	22546467	93.55%	18.657%
16	39.437	6183	6188	6197	VV 2	3016	42541	0.18%	0.035%
17	42.304	6667	6676	6698	PV 2	823046	14860408	61.66%	12.297%

Sum of corrected areas: 120849263

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020403\07632.D
 Operator : Nefliu
 Acquired : 4 Apr 2002 4:31 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\020403\07632.D
Acq On : 4 Apr 2002 4:31 am
Sample : sample
Misc :
MS Integration Params: LSCINT.e

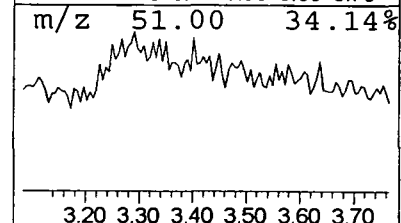
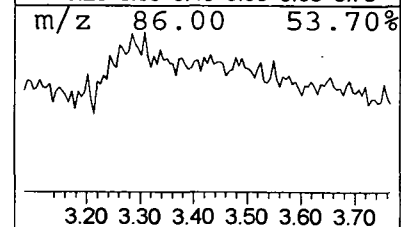
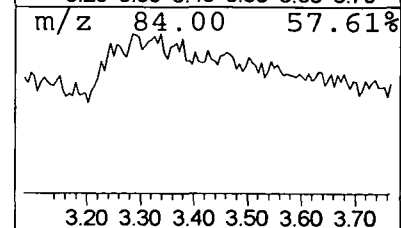
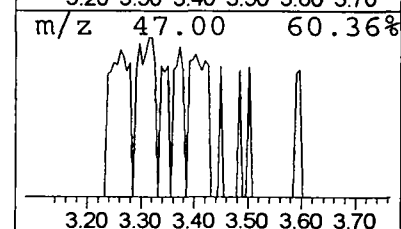
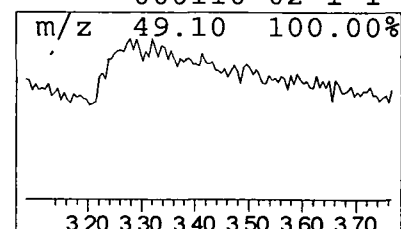
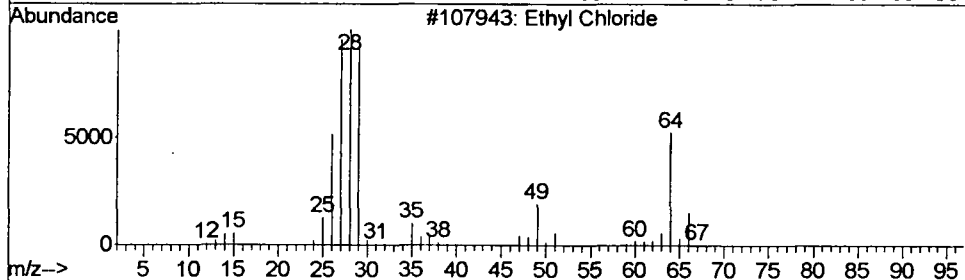
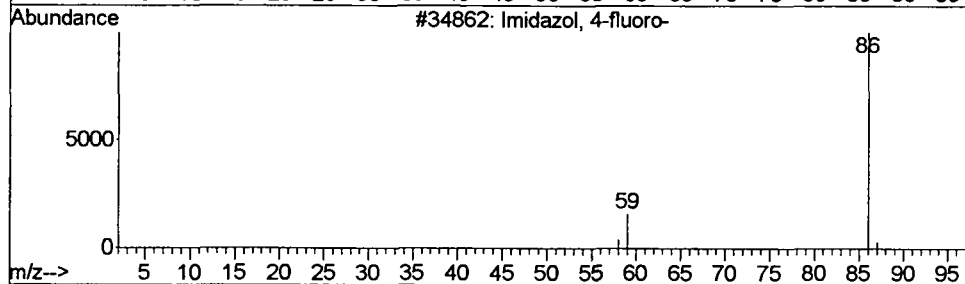
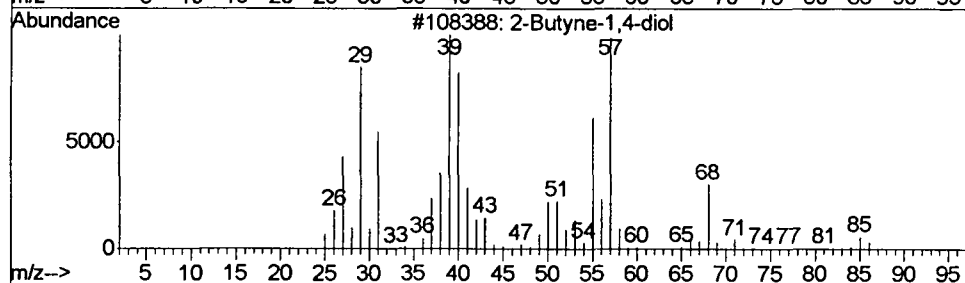
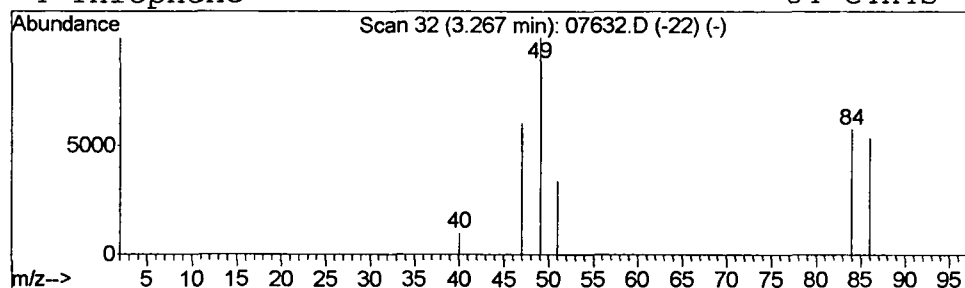
Vial: 22
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	0.11 ug/l	77784	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		Imidazol, 4-fluoro-	86	C3H3FN2	030086-17-0	2
3		Ethyl Chloride	64	C2H5Cl	000075-00-3	1
4		Thiophene	84	C4H4S	000110-02-1	1



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020403\07632.D
 Acq On : 4 Apr 2002 4:31 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

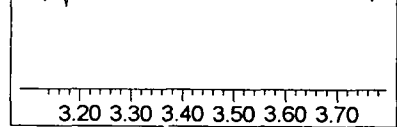
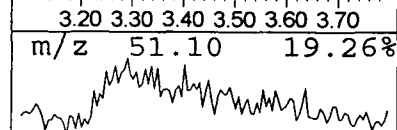
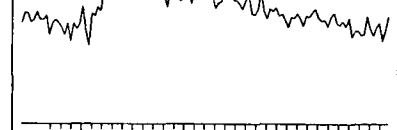
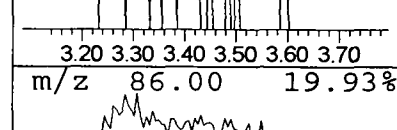
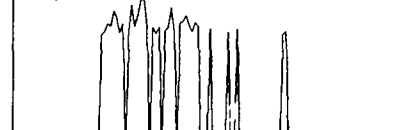
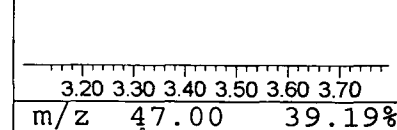
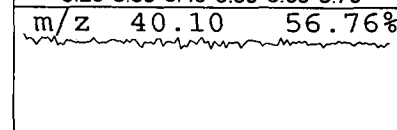
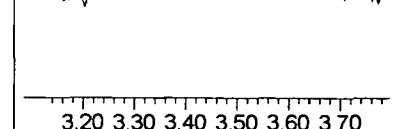
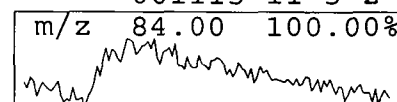
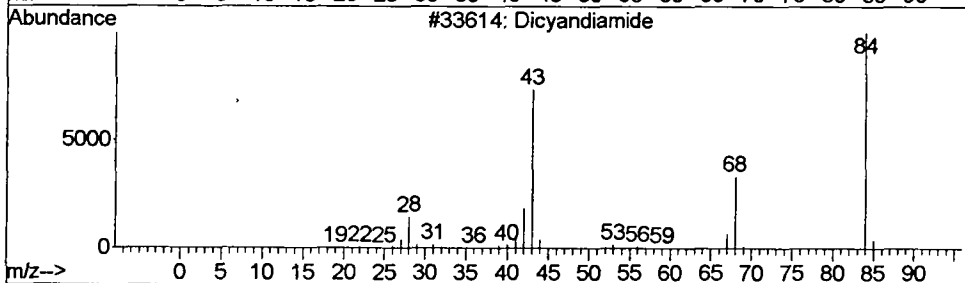
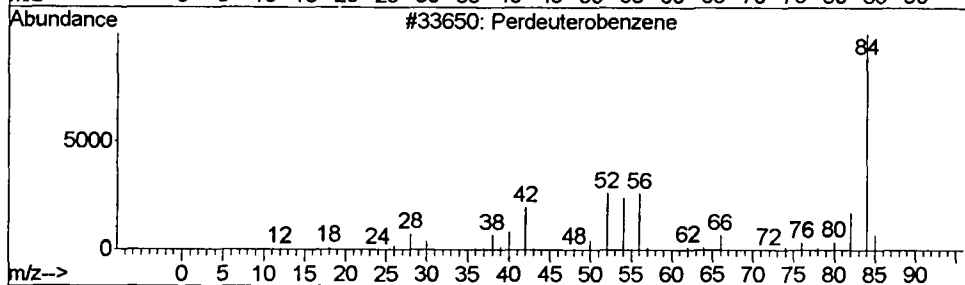
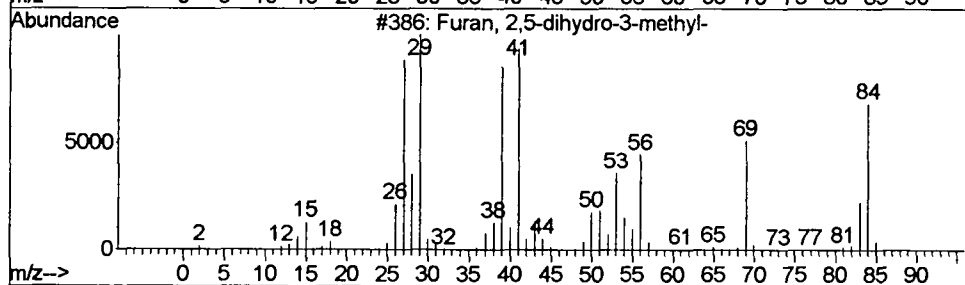
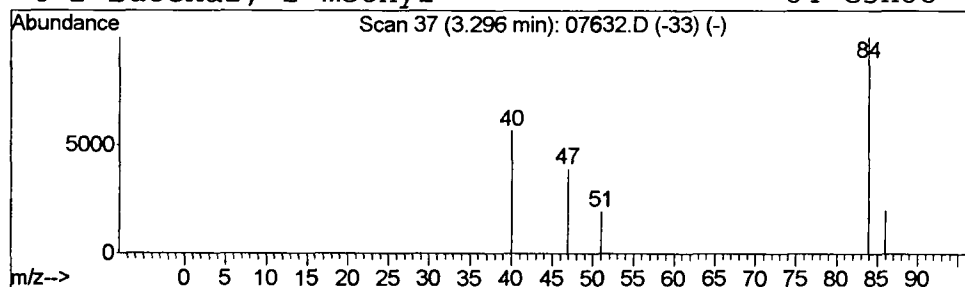
Vial: 22
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.30	0.10 ug/l	77614	1,4-Dichlorobenzene-d4	10.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Furan, 2,5-dihydro-3-methyl-	84	C5H8O	001708-31-2	4
2		Perdeuterobenzene	84	C6D6	001076-43-3	2
3		Dicyandiamide	84	C2H4N4	000461-58-5	2
4		2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	2



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 4 Apr 2002 4:31 am
Data File: C:\MSDCHEM\1\DATA\020403\07632.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	3.26	0.1	ug/l	77784	1	10.66	14796200	20.0
Furan, 2,5-dihydr...	3.30	0.1	ug/l	77614	1	10.66	14796200	20.0
✓ Cyclopentasiloxan...	14.69	0.4	ug/l	397404	2	15.77	19591300	20.0