

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 04/09/2002 Time: 09:48:08

Sample: AE07629
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 4/9/02 09:47 Ended: 4/9/02 09:47 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		95		5.0

Comments for Sample AE07629 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-09-2002 Time: 09:48:24

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\07629.D
Acq On : 4 Apr 2002 2:39 am
Sample : sample
Misc :
MS Integration Params: EVENTS.E
Quant Time: Apr 04 08:15:25 2002

Vial: 20
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	2698769	20.00	ug/l	0.00
10) Naphthalene-d8	15.77	136	9899870	20.00	ug/l	0.00
17) Acenaphthene-d10	23.66	164	5701370	20.00	ug/l	-0.01
31) Phenanthrene-d10	30.89	188	9274546	20.00	ug/l	0.00
39) Chrysene-d12	39.09	240	7348849	20.00	ug/l	-0.02
45) Perylene-d12	42.30	264	4221221	20.00	ug/l	-0.01

System Monitoring Compounds

28) TCMX	26.72	207	212042	3.80	ug/l	0.00
Spiked Amount	5.000		Recovery	=	76.00%	
Target Compounds	4.0				95	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
07629.D SCAN020403.M Thu Apr 04 10:47:31 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020403\07629.D

Acq On : 4 Apr 2002 2:39 am

Sample : sample

Misc :

MS Integration Params: EVENTS.E

Quant Time: Apr 4 10:47 2002

Vial: 20

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

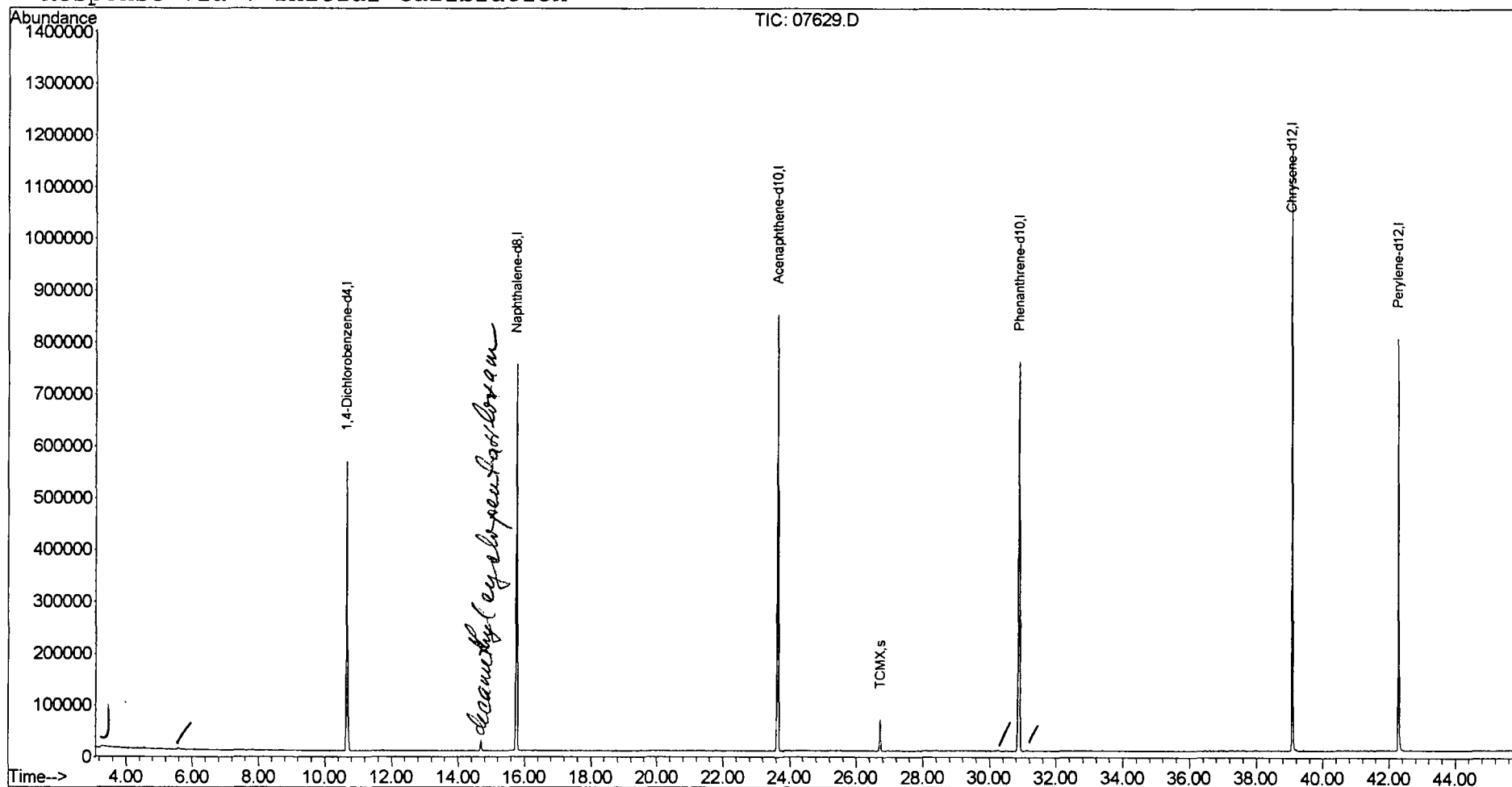
Quant Results File: SCAN020403.RES

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



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020403\07629.D
Acq On : 4 Apr 2002 2:39 am
Sample : sample
Misc :
MS Integration Params: LSCINT.e

Vial: 20
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

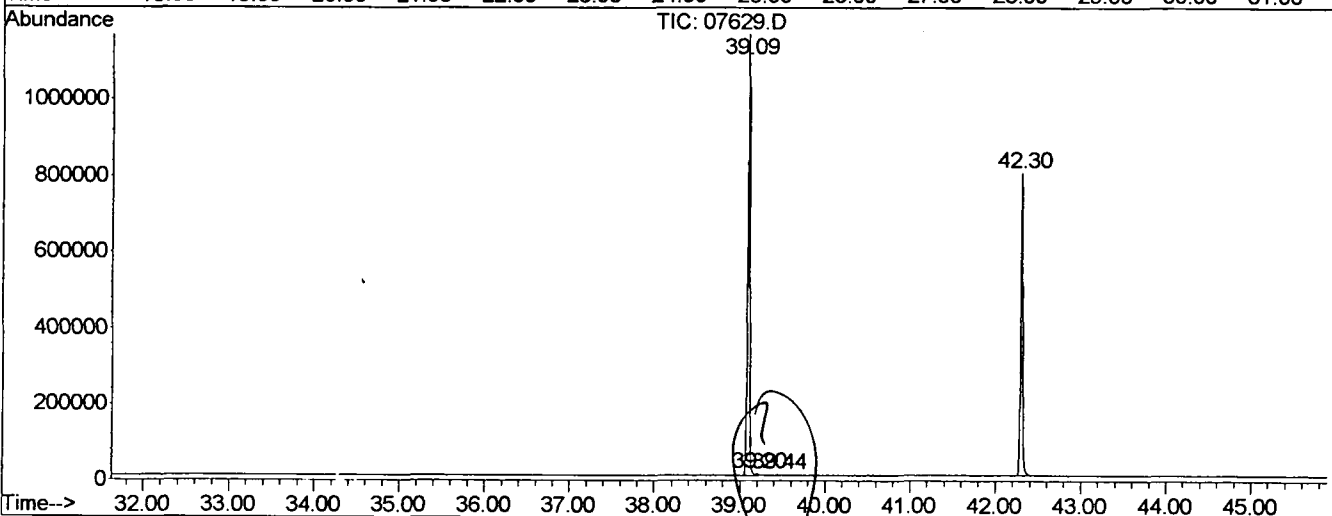
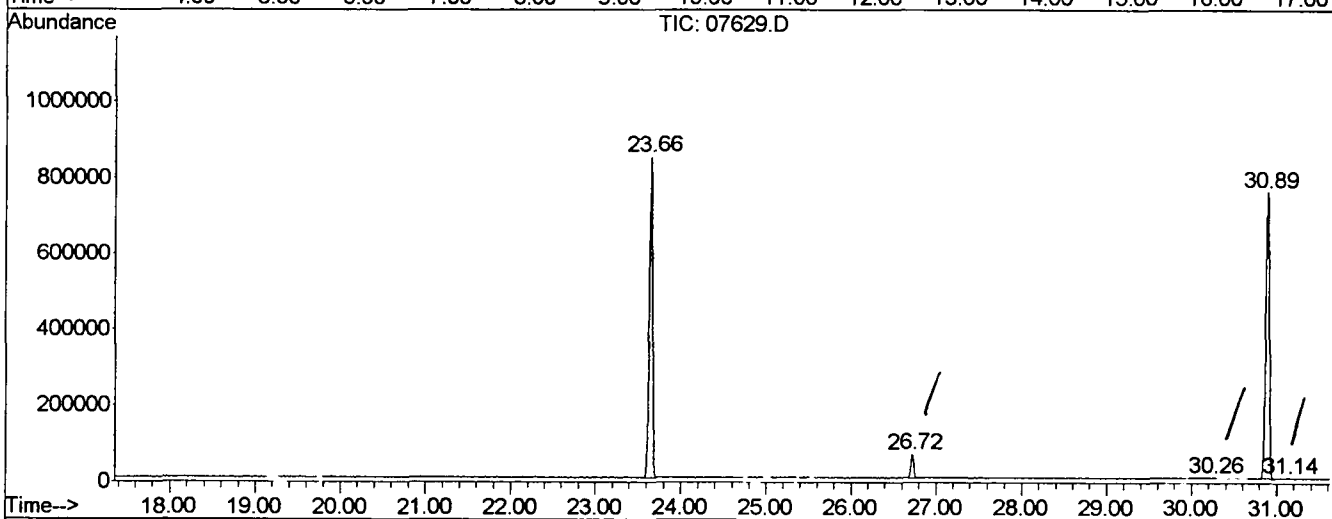
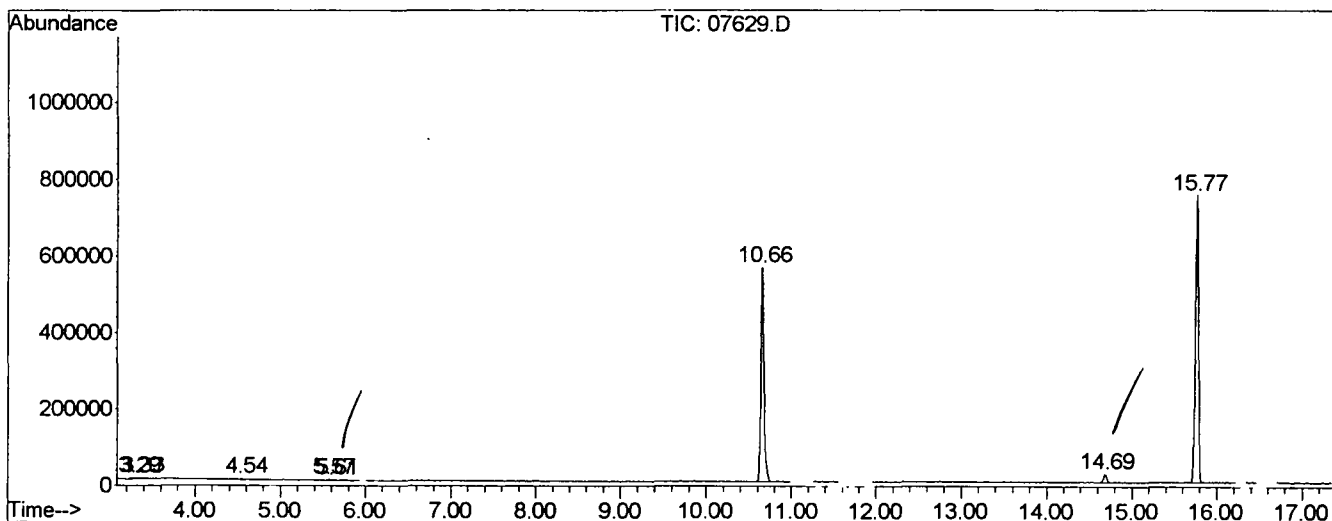
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.291	21	36	41	PV 4	3043	142711	0.63%	0.125%
2	3.332	41	43	59	VV 4	2430	89877	0.40%	0.079%
3	4.542	246	249	253	VV 2	3544	40336	0.18%	0.035%
4	5.571	408	424	429	BV 3	3142	59952	0.26%	0.053%
5	5.606	429	430	443	VV 2	2236	46435	0.20%	0.041%
6	10.659	1280	1290	1310	VV	557528	14096457	62.02%	12.369%
7	14.689	1965	1976	1988	PV 2	21072	529952	2.33%	0.465%
8	15.765	2146	2159	2179	VV	740475	18568283	81.69%	16.293%
9	23.656	3488	3502	3513	PV	835248	22000651	96.79%	19.305%
10	26.723	4015	4024	4042	VV 3	60958	1423438	6.26%	1.249%
11	30.260	4616	4626	4636	PV 2	2334	61318	0.27%	0.054%
12	30.894	4718	4734	4751	BV 2	757213	22729869	100.00%	19.945%
13	31.135	4762	4775	4784	VV 2	2322	74496	0.33%	0.065%
14	39.097	6113	6130	6145	VV 2	1141401	20413396	89.81%	17.912%
15	39.202	6145	6148	6154	VV 2	4735	85704	0.38%	0.075%
16	39.437	6179	6188	6191	VV 2	3227	39974	0.18%	0.035%
17	42.299	6667	6675	6696	PV	774910	13561866	59.67%	11.900%

Sum of corrected areas: 113964716

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020403\07629.D
 Operator : Nefliu
 Acquired : 4 Apr 2002 2:39 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 20
 Quant File :SCAN020403.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020403\07629.D
Acq On : 4 Apr 2002 2:39 am
Sample : sample
Misc :
MS Integration Params: LSCINT.e

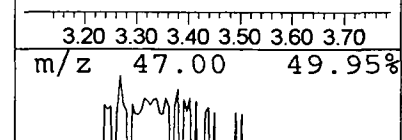
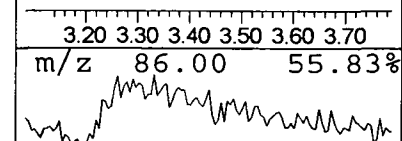
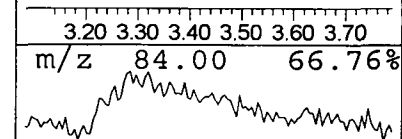
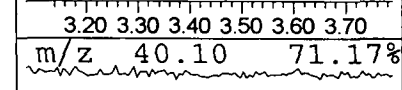
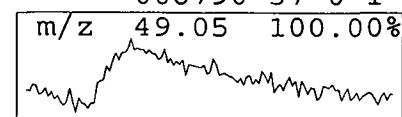
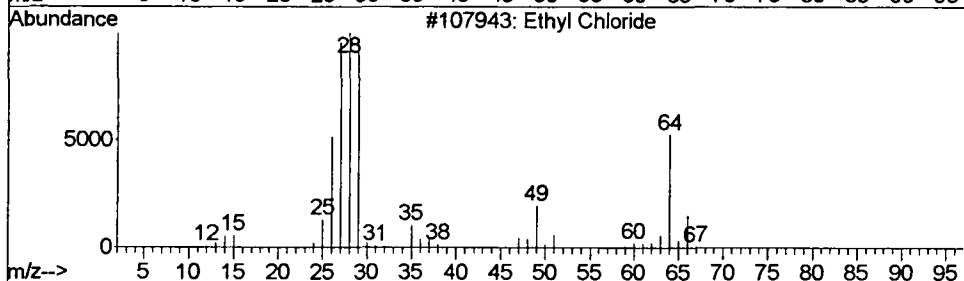
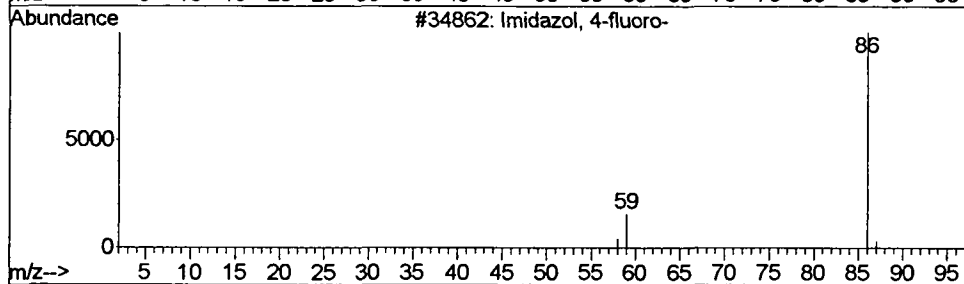
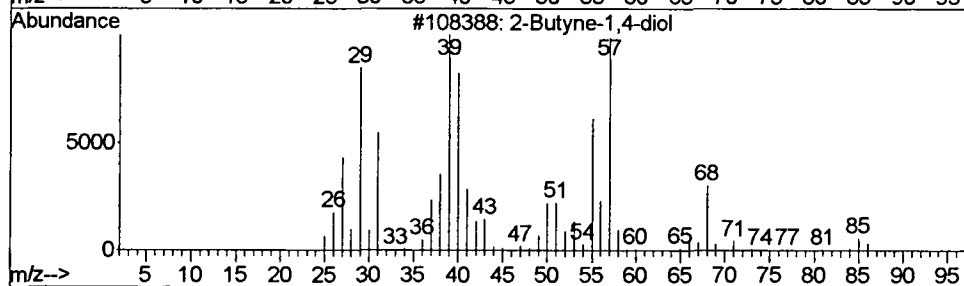
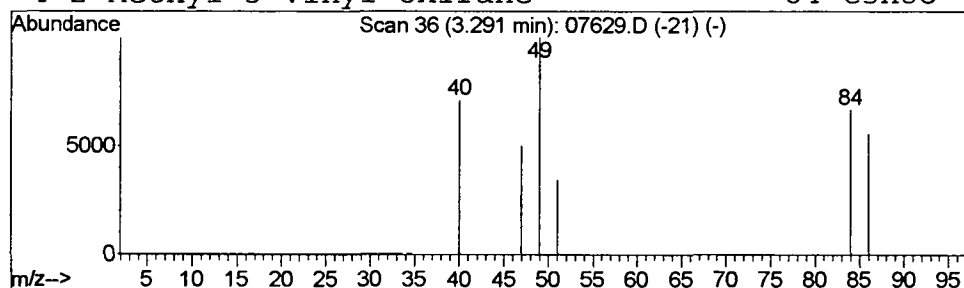
Vial: 20
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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.
3.29	0.20 ug/l	142711	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	1
4			2-Methyl-3-vinyl-oxirane	84	C5H8O	006790-37-0	1



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020403\07629.D
 Acq On : 4 Apr 2002 2:39 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

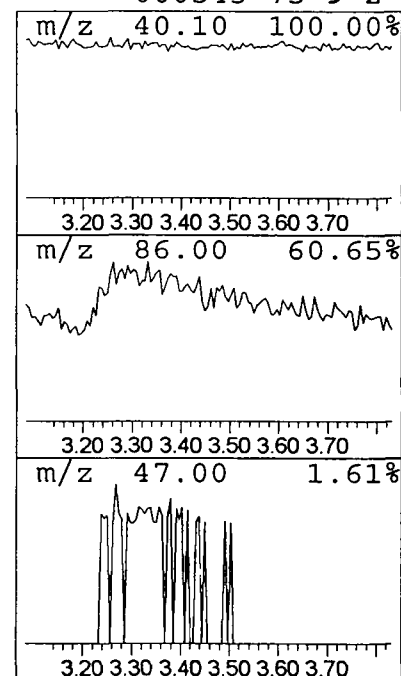
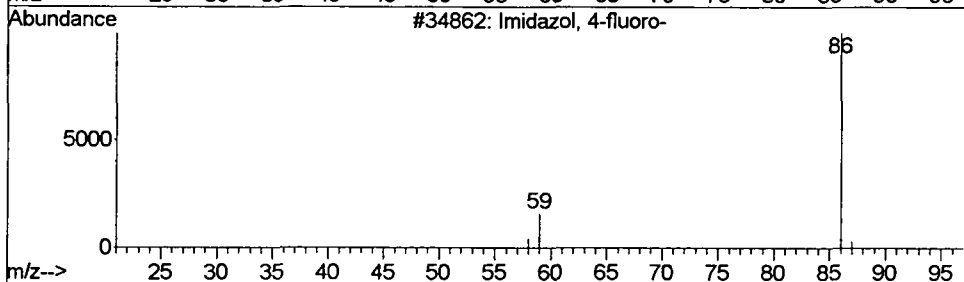
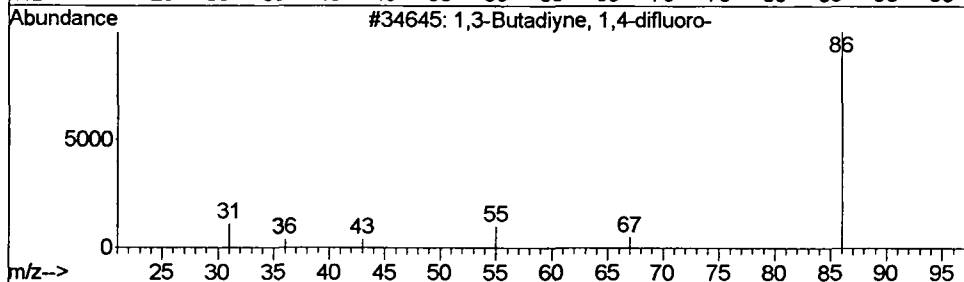
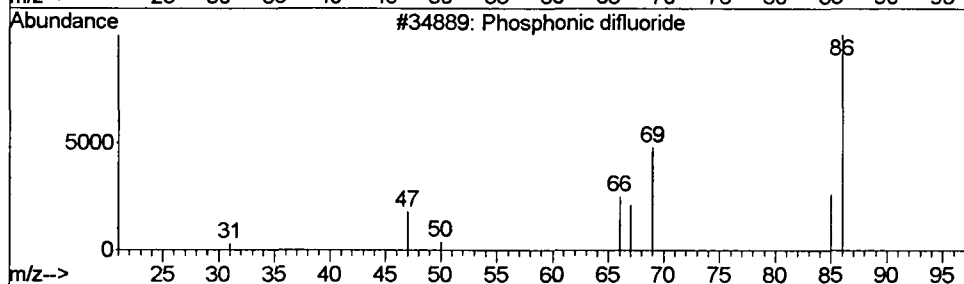
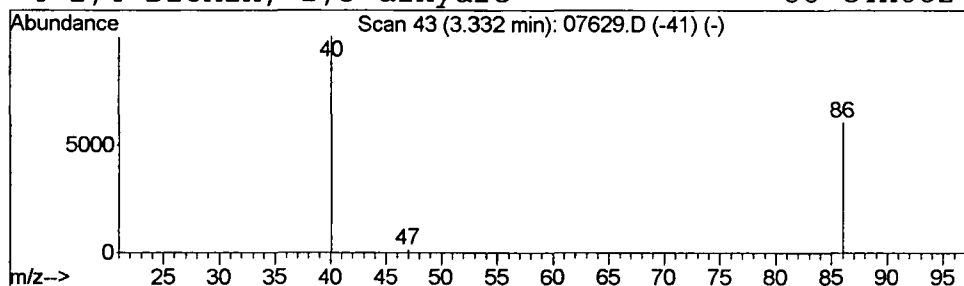
Vial: 20
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 2 Phosphonic difluoride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	0.13 ug/l	89877	1,4-Dichlorobenzene-d4	10.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phosphonic difluoride	86	F2HOP	014939-34-5	2
2			1,3-Butadiyne, 1,4-difluoro-	86	C4F2	064788-23-4	2
3			Imidazol, 4-fluoro-	86	C3H3FN2	030086-17-0	2
4			1,4-Dioxin, 2,3-dihydro-	86	C4H6O2	000543-75-9	2



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020403\07629.D
Acq On : 4 Apr 2002 2:39 am
Sample : sample
Misc :
MS Integration Params: LSCINT.e

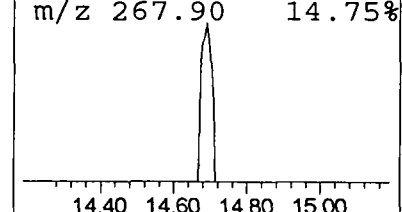
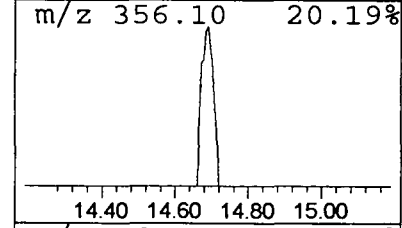
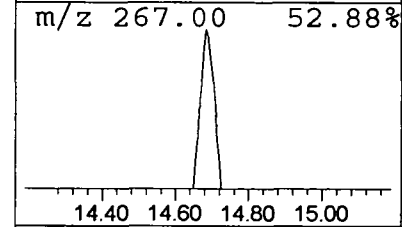
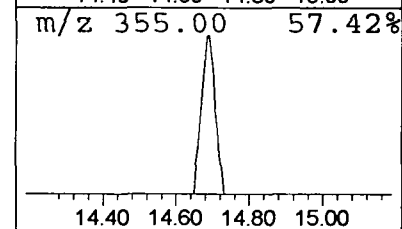
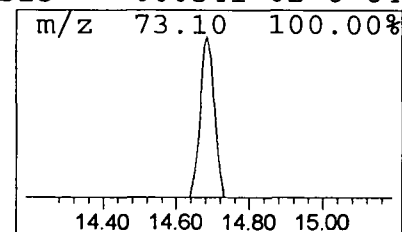
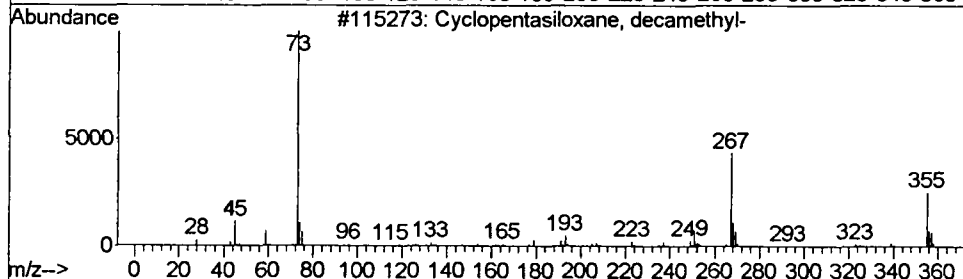
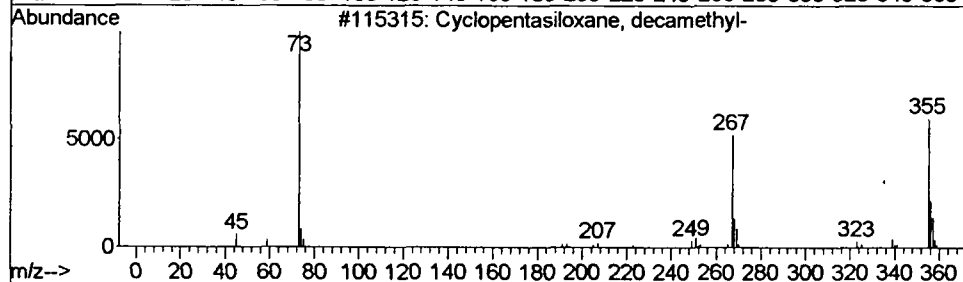
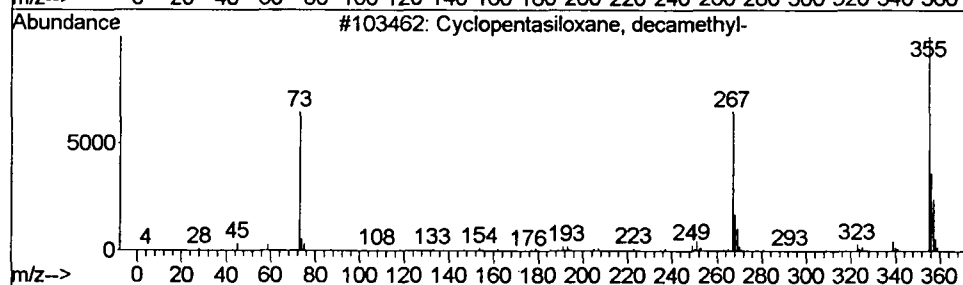
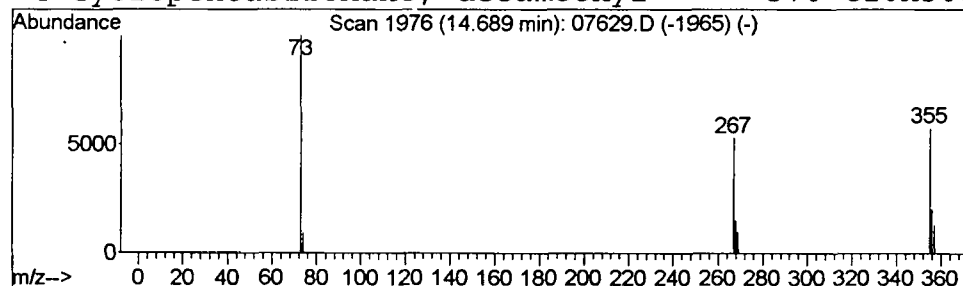
Vial: 20
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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	0.57 ug/l	529952	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	74
4			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 4 Apr 2002 2:39 am
Data File: C:\MSDCHEM\1\DATA\020403\07629.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	3.29	0.2	ug/l	142711	1	10.66	14096500	20.0
Phosphonic difluo...	3.33	0.1	ug/l	89877	1	10.66	14096500	20.0
Cyclopentasiloxan...	14.69	0.6	ug/l	529952	2	15.77	18568300	20.0