User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 10:53:11

Sample: AE07633
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/2002 10:52 Ended: 4/18/2002 10:52 Analyst: DLV
Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		.	
2	Surr_2,4-DDD		85	5.0

pmments for Sample AE07633 - Analysis $GCMS

/estchester Dept. of Labs & Research
ser: Vinci, David L
ate: 04-18-2002 Time: 10:53:29

he GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual
ompounds.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020410\07633.D Vial: 13
Acq On : 10 Apr 2002 9:39 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 11 15:55:28 2002 Quant Results File: SCANAPR0902.R

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu Apr 11 15:44:30 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	2366977	20.00	ug/l	-0.01
10) Naphthalene-d8	15.77	136	9018874	20.00	ug/l	-0.02
17) Acenaphthene-d10	23.66	164	4950021	20.00	ug/l	-0.01
31) Phenanthrene-d10	30.89	188	7887067	20.00	ug/l	-0.01
39) Chrysene-d12	39.09	240	5689833	20.00	ug/l	-0.02
45) Perylene-d12	42.30	264	2783972	20.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	26.73	207	201248	3.39	ug/l	0.17
Spiked Amount 4.000			Recovery = 84.75%			
38) 2,4-DDD	0.00	235	0	0.00	ug/ml	
Spiked Amount 5.000			Recovery = 0.00%			

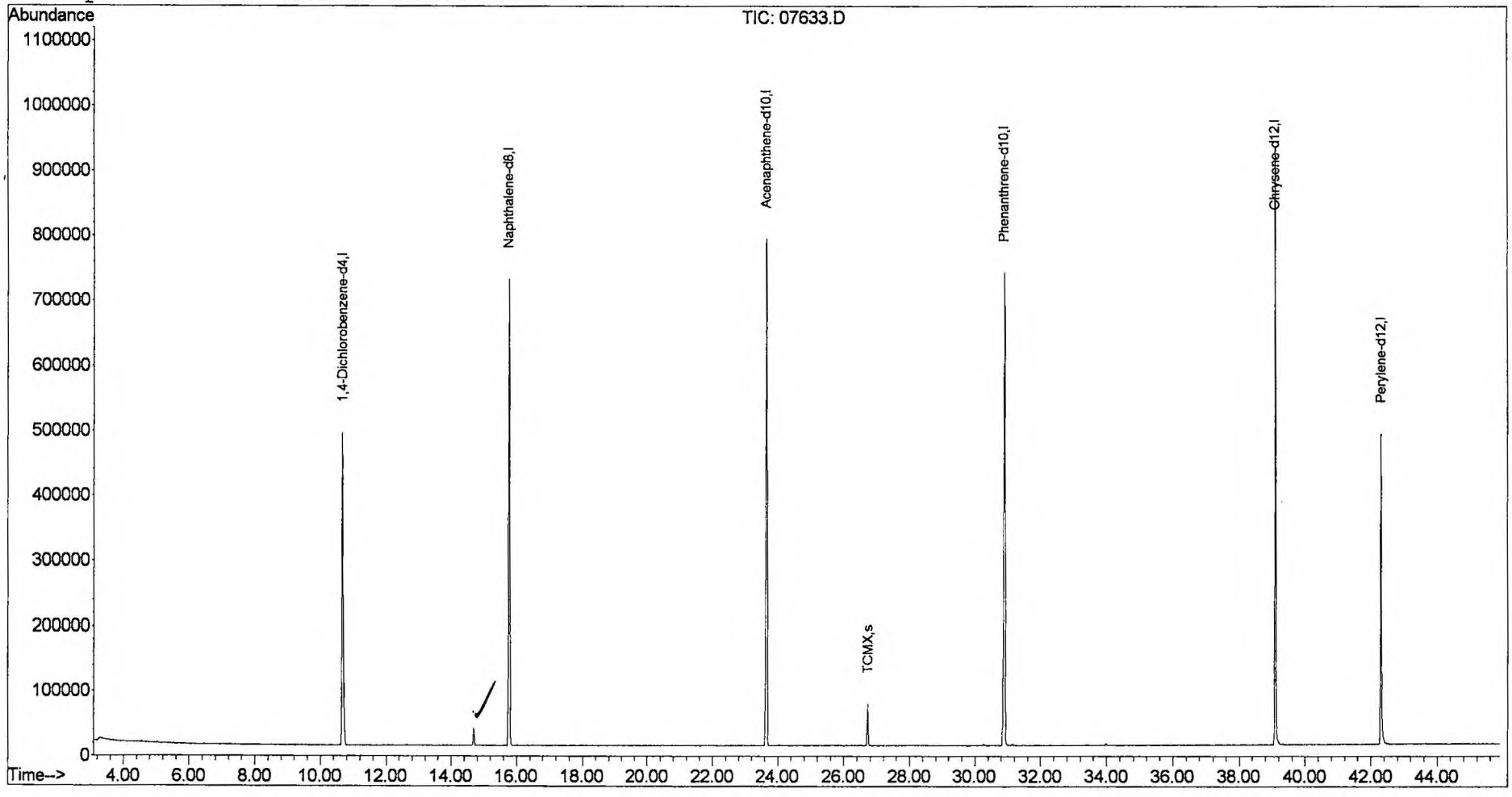
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020410\07633.D Vial: 13
Acq On : 10 Apr 2002 9:39 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 11 15:55 2002 Quant Results File: SCANAPR0902.RES

Method : C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Thu Apr 11 15:44:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020410\07633.D Vial: 13
Acq On : 10 Apr 2002 9:39 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Method : C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan

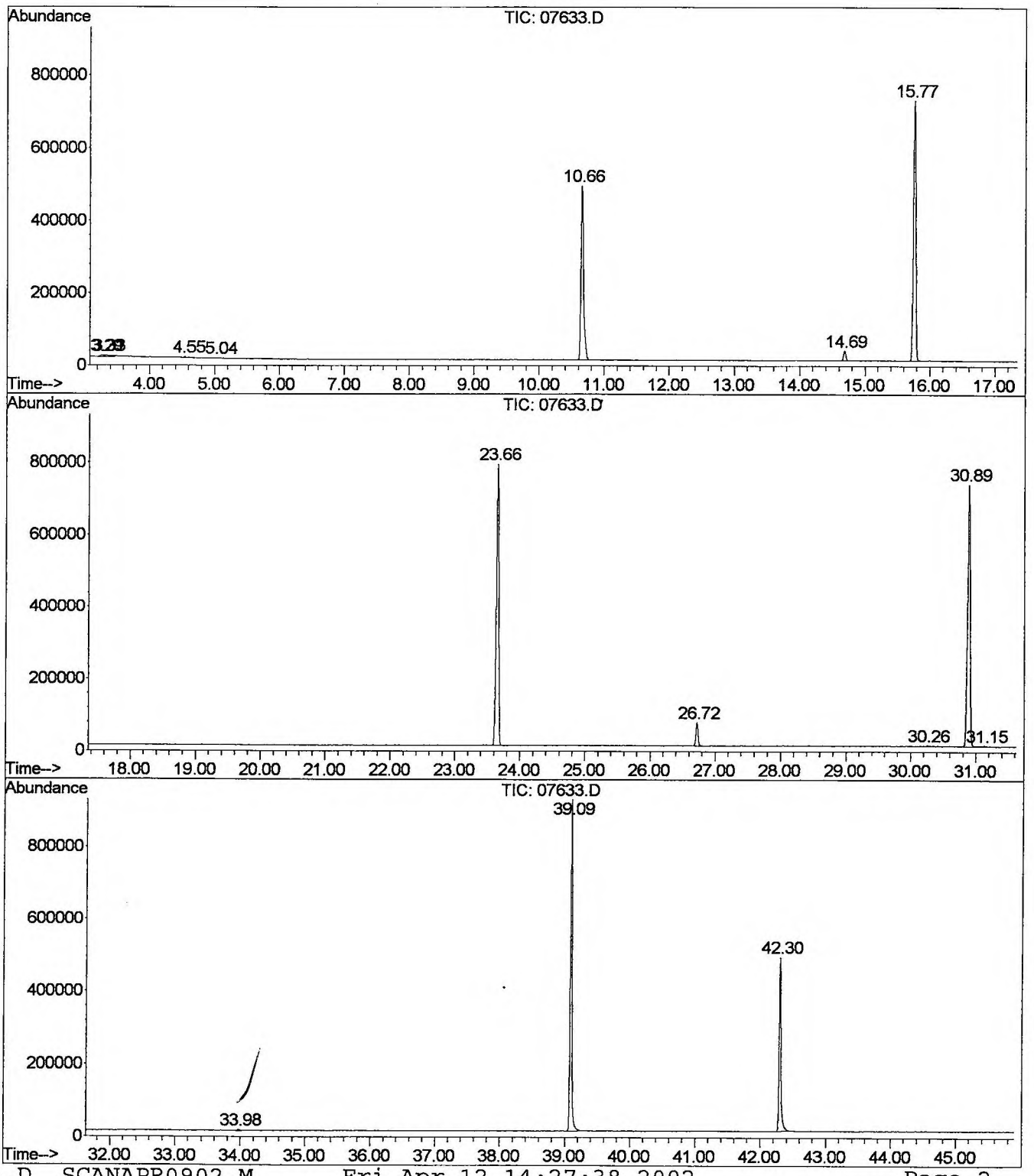
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.285	21	35	37	PV 3	4650	153148	0.75%	0.153%
2	3.308	37	39	40	VV 2	4576	56336	0.28%	0.056%
3	3.326	40	42	67	VV 3	4492	308652	1.52%	0.308%
4	4.548	242	250	255	VV 3	3428	58060	0.29%	0.058%
5	5.042	324	334	337	PV 2	1634	22757	0.11%	0.023%
6	10.659	1268	1290	1313	VV	482607	13416124	65.91%	13.406%
7	14.689	1959	1976	1985	PV	26142	620809	3.05%	0.620%
8	15.770	2147	2160	2176	PV	712089	17637601	86.65%	17.624%
9	23.655	3490	3502	3516	PV	773130	20085908	98.67%	20.071%
10	26.722	4014	4024	4041	VV 2	63582	1416694	6.96%	1.416%
11	30.260	4621	4626	4630	PV 2	1848	39626	0.19%	0.040%
12	30.894	4720	4734	4754	VV 2	728896	20356009	100.00%	20.340%
13	31.147	4761	4777	4782	VV 2	2066	71448	0.35%	0.071%
14	33.979	5248	5259	5266	VV 2	3433	93158	0.46%	0.093%
15	39.091	6118	6129	6163	PV 2	890143	16547905	81.29%	16.535%
16	42.299	6667	6675	6700	PV	476108	9192209	45.16%	9.185%

Sum of corrected areas: 100076446

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020410\07633.D
Operator : Nefliu
Acquired : 10 Apr 2002 9:39 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 13
Quant File :SCANAPR0902.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020410\07633.D Vial: 13
Acq On : 10 Apr 2002 9:39 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

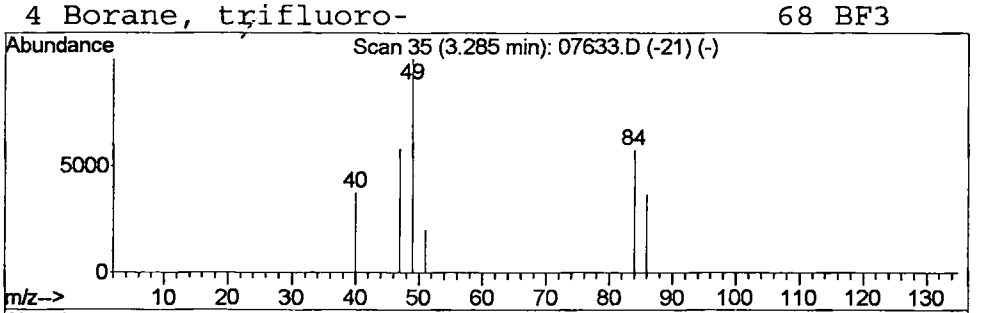
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

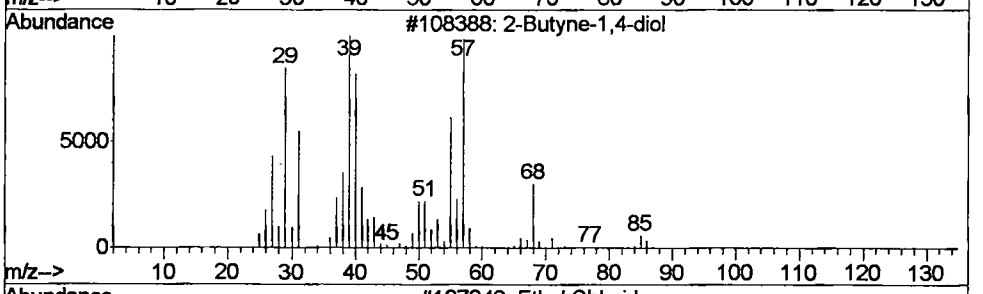
****

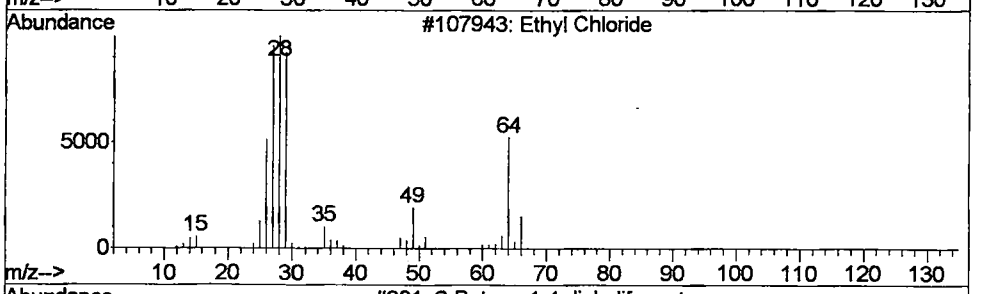
Peak Number 1 2-Butyne-1,4-diol Concentration Rank 3

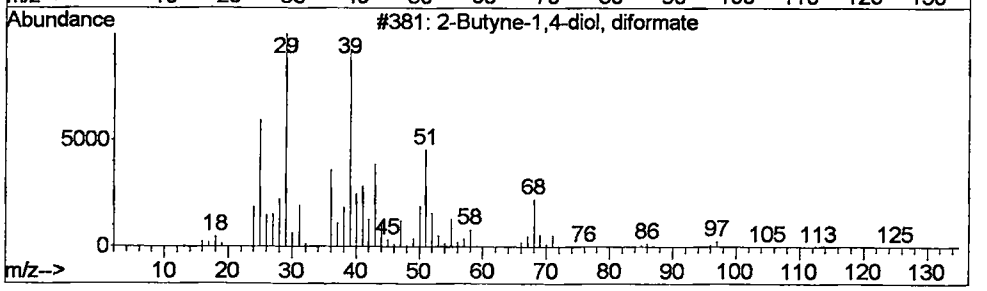
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	0.23 ug/l	153148	1,4-Dichlorobenzene-d4	10.66

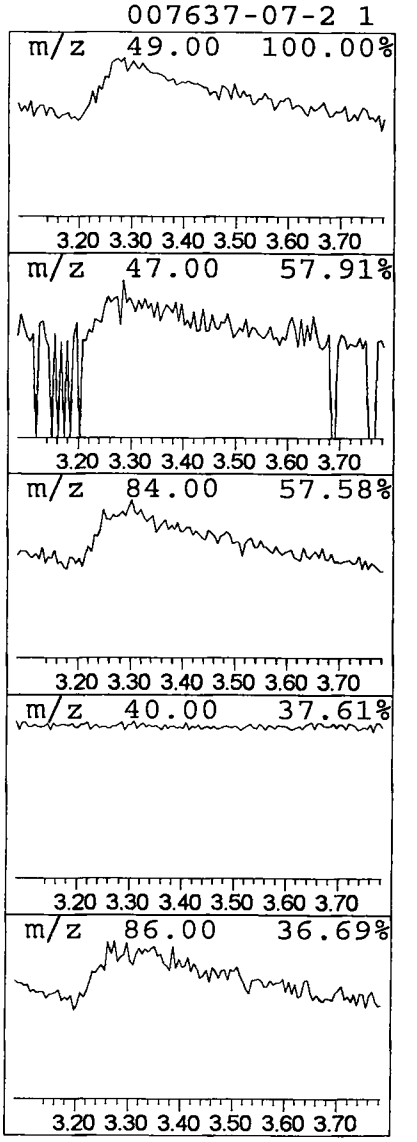
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyne-1,4-diol	86	C4H6O2	000110-65-6	3
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	1
3	2-Butyne-1,4-diol, diformate	142	C6H6O4	036677-73-3	1
4	Borane, trifluoro-	68	BF3	007637-07-2	1











Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020410\07633.D
Acq On : 10 Apr 2002 9:39 pm
Sample : sample
Misc :
MS Integration Params: LSCINT.e

Vial: 13
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

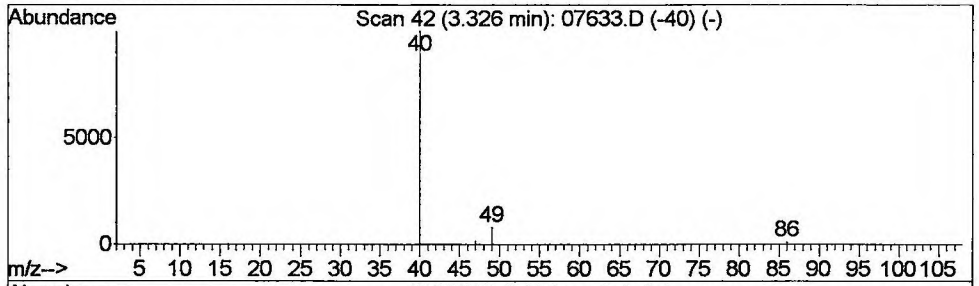
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

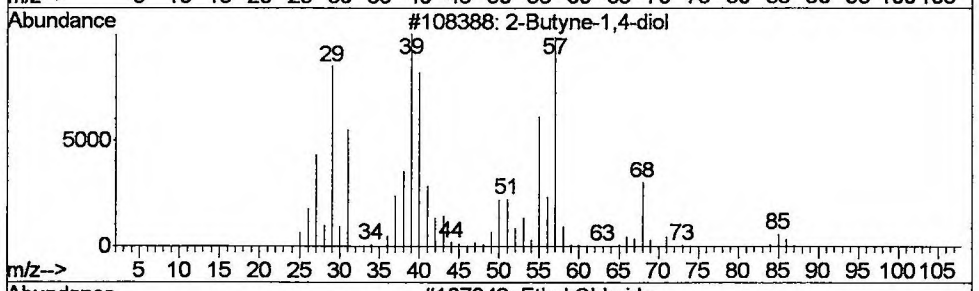
****

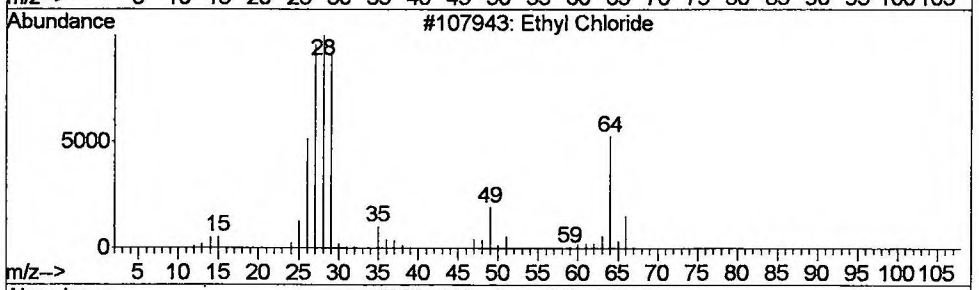
Peak Number 2 2-Butyne-1,4-diol Concentration Rank 2

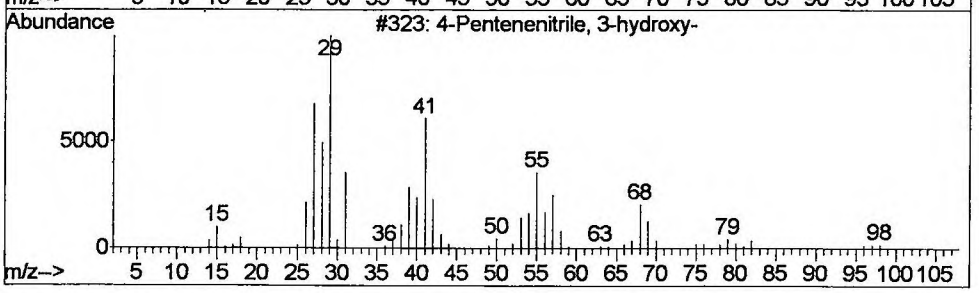
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	0.46 ug/l	308652	1,4-Dichlorobenzene-d4	10.66

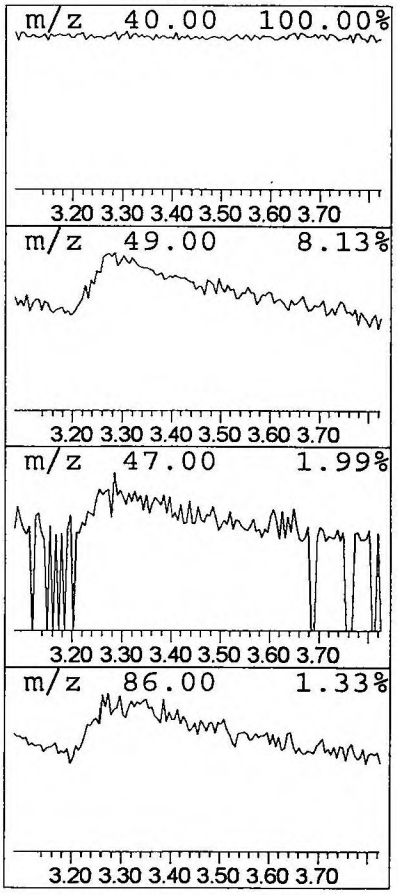
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyne-1,4-diol	86	C4H6O2	000110-65-6	1
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	1
3	4-Pentenenitrile, 3-hydroxy-	97	C5H7NO	027451-36-1	1
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	1











Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020410\07633.D
Acq On : 10 Apr 2002 9:39 pm
Sample : sample
Misc :
MS Integration Params: LSCINT.e

Vial: 13
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

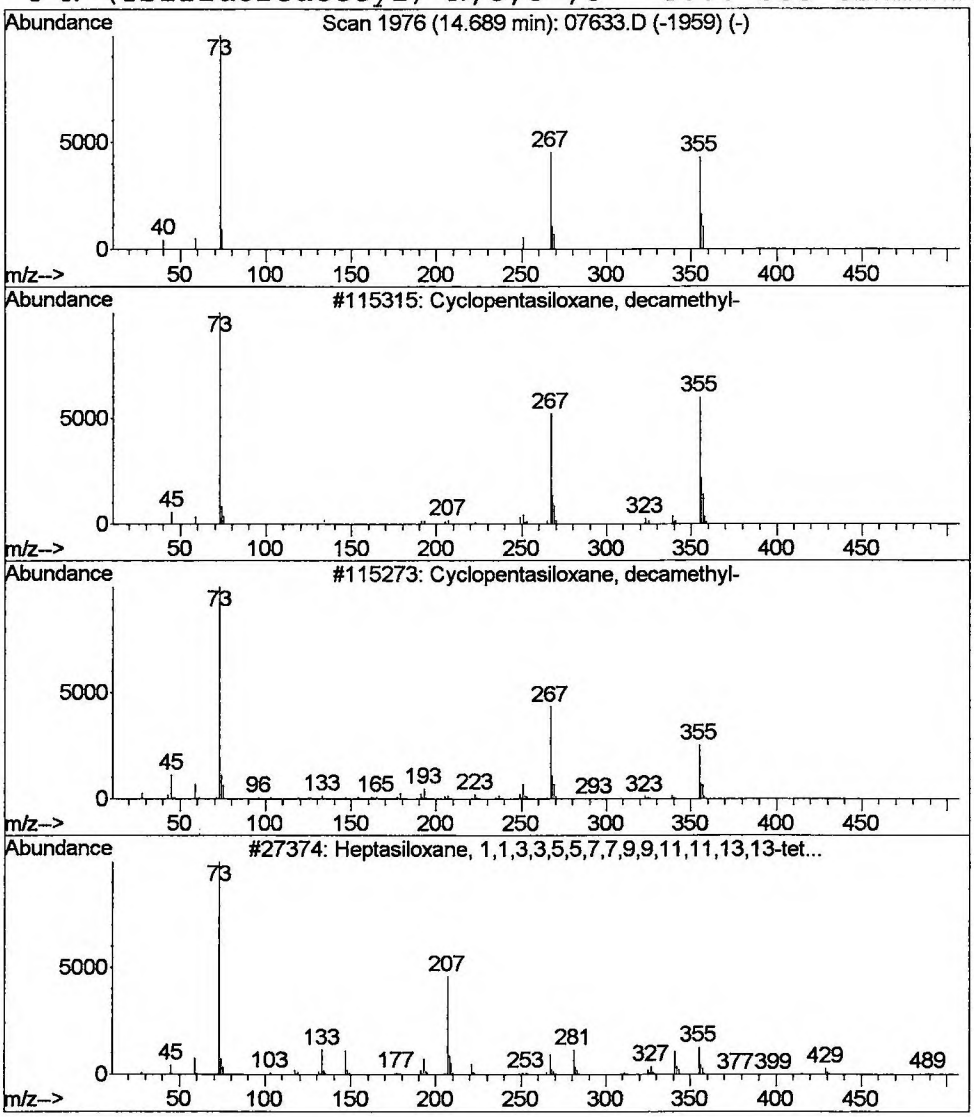
Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

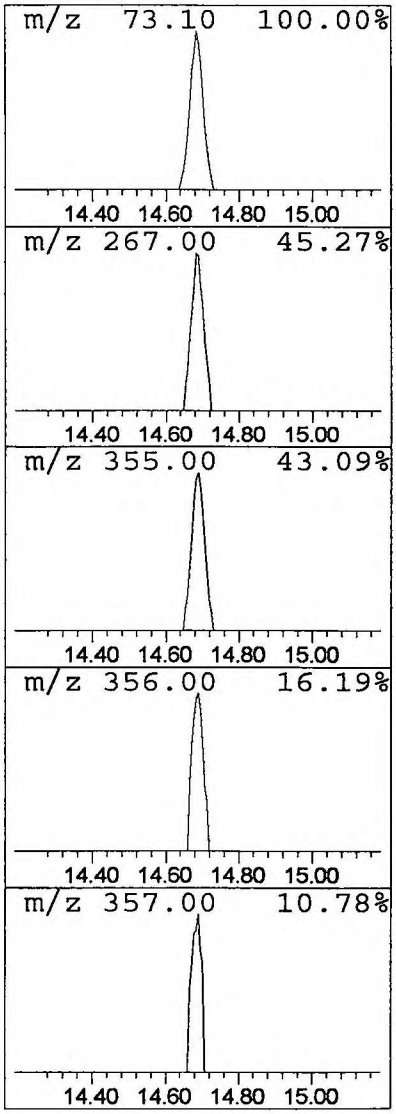
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	0.70 ug/l	620809	Naphthalene-d8	15.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
3	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	39
4	N-(Trifluoroacetyl)-N,O,O',O''-t...	553	C22H42F3NO4Si4	1000072-26-7	38





Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 10 Apr 2002 9:39 pm
Data File: C:\MSDCHEM\1\DATA\020410\07633.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)
Title: Method 508 GC/MS Scan
Library Searched: C:\DATABASE\nist98.l

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
2-Butyne-1,4-diol	3.29	0.2	ug/l	153148	1	10.66	13416100	20.0
2-Butyne-1,4-diol	3.33	0.5	ug/l	308652	1	10.66	13416100	20.0
Cyclopentasiloxan...	14.69	0.7	ug/l	620809	2	15.77	17637600	20.0