

Jser: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 04/18/2002 Time: 10:59:50

Sample: AE07635
 Analysis: \$GCMS GCMS Scan For Unknowns
 Jnits: ug
 Started: 4/18/2002 10:59 Ended: 4/18/2002 10:59 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		.	
2	Surr_2,4-DDD		86	5.0

Comments for Sample AE07635 - Analysis \$GCMS

Westchester Dept. of Labs & Research

Analyst: Vinci, David L

Date: 04-18-2002 Time: 11:00:00

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\020410\07635.D
 Acq On : 10 Apr 2002 10:34 pm
 Sample : sample
 Misc :
 MS Integration Params: EVENTS.E
 Quant Time: Apr 11 15:56:36 2002

Vial: 14
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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	2488925	20.00	ug/l	-0.01
10) Naphthalene-d8	15.77	136	9404491	20.00	ug/l	-0.02
17) Acenaphthene-d10	23.66	164	5111713	20.00	ug/l	-0.01
31) Phenanthrene-d10	30.89	188	8200676	20.00	ug/l	-0.01
39) Chrysene-d12	39.09	240	5801091	20.00	ug/l	-0.02
45) Perylene-d12	42.30	264	2833788	20.00	ug/l	0.00

System Monitoring Compounds

28) TCMX	26.72	207	209612	3.42	ug/l	0.17
Spiked Amount	4.000		Recovery	=	85.50%	
38) 2,4-DDD	0.00	235	0	0.00	ug/ml	
Spiked Amount	5.000		Recovery	=	0.00%	

Target Compounds

22) 2,6-Dinitrotoluene	23.65	77	-5829	Below Cal	Qvalue	# 1
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 07635.D SCANAPR0902.M Thu Apr 11 15:56:51 2002 Page 1

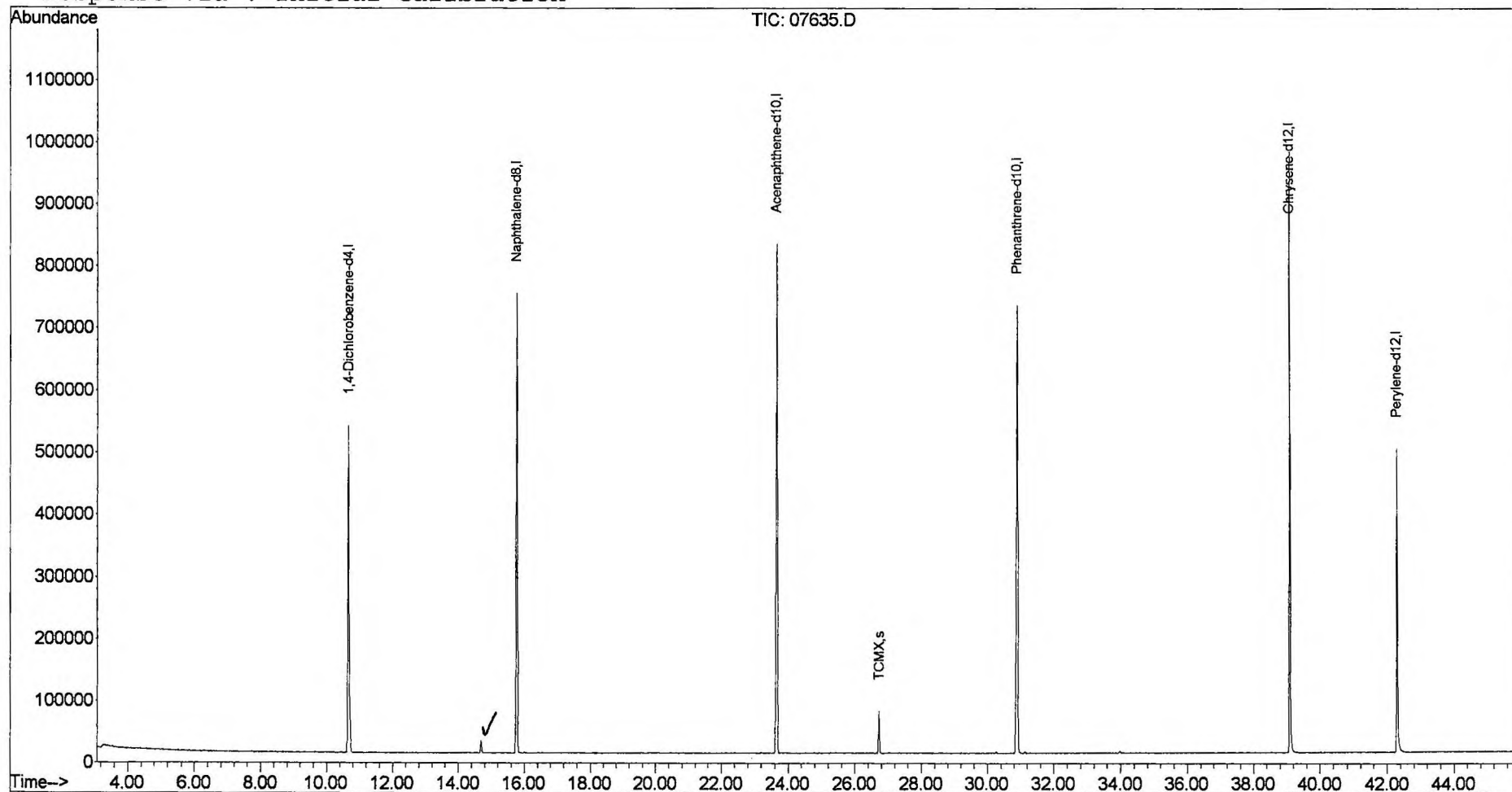
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020410\07635.D
 Acq On : 10 Apr 2002 10:34 pm
 Sample : sample
 Misc :
 MS Integration Params: EVENTS.E
 Quant Time: Apr 11 15:56 2002

Vial: 14
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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\07635.D

Acq On : 10 Apr 2002 10:34 pm

Sample : sample

Misc :

MS Integration Params: LSCINT.e

Vial: 14

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)

Title : Method 508 GC/MS Scan

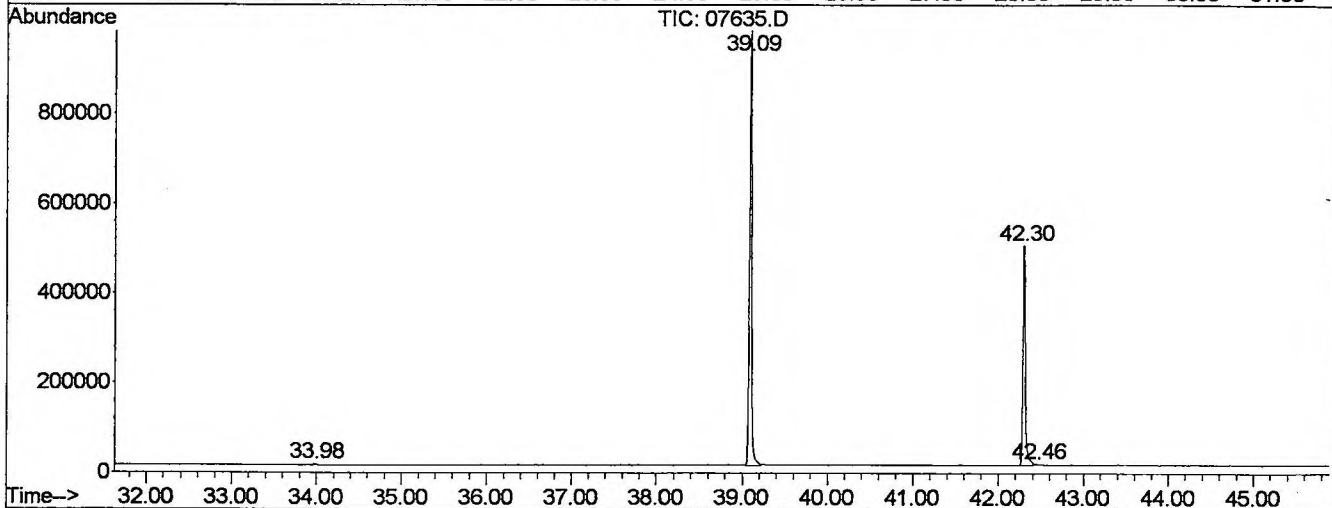
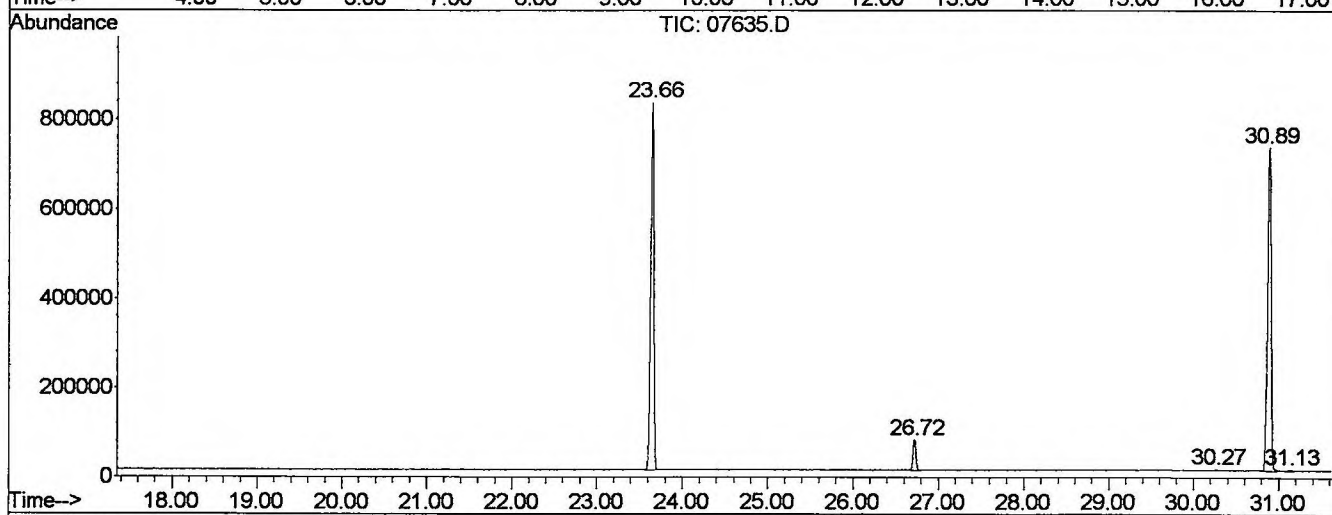
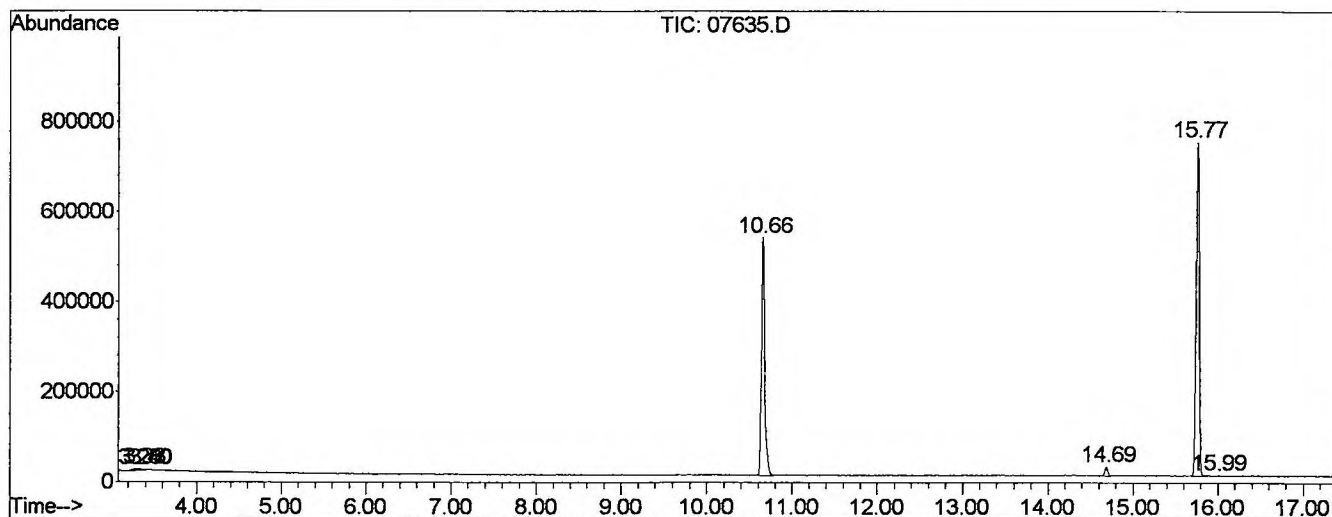
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.279	19	34	40	PV 5	3491	151694	0.72%	0.147%
2	3.326	40	42	52	VV 4	2949	79805	0.38%	0.077%
3	3.397	52	54	58	VV 2	1072	16560	0.08%	0.016%
4	10.659	1280	1290	1312	VV	528416	14048038	66.39%	13.616%
5	14.689	1957	1976	1984	PV	19529	483406	2.28%	0.469%
6	15.765	2147	2159	2178	VV	735613	18354604	86.74%	17.790%
7	15.994	2192	2198	2204	PV 2	1686	26574	0.13%	0.026%
8	23.656	3486	3502	3512	PV	807174	20745752	98.04%	20.108%
9	26.723	4016	4024	4038	VV 2	68044	1571898	7.43%	1.524%
10	30.266	4619	4627	4634	VV	2111	55622	0.26%	0.054%
11	30.894	4720	4734	4751	PV 2	721475	21161394	100.00%	20.511%
12	31.129	4763	4774	4782	VV 2	2504	80712	0.38%	0.078%
13	33.979	5251	5259	5267	PV 2	3657	80767	0.38%	0.078%
14	39.091	6118	6129	6153	VV	936177	16865524	79.70%	16.347%
15	42.299	6667	6675	6700	PV	495021	9423643	44.53%	9.134%
16	42.457	6700	6702	6708	VV 2	1904	27181	0.13%	0.026%

Sum of corrected areas: 103173173

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020410\07635.D
 Operator : Nefliu
 Acquired : 10 Apr 2002 10:34 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 14
 Quant File :SCANAPR0902.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020410\07635.D
 Acq On : 10 Apr 2002 10:34 pm
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

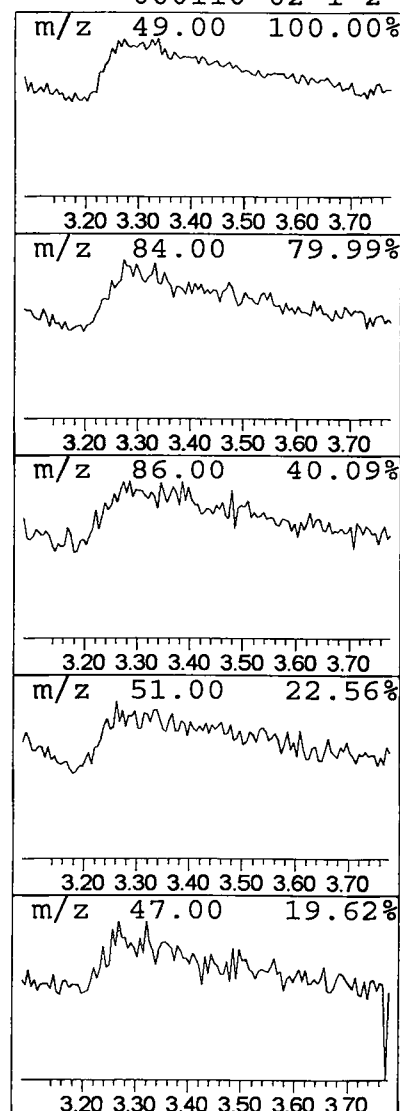
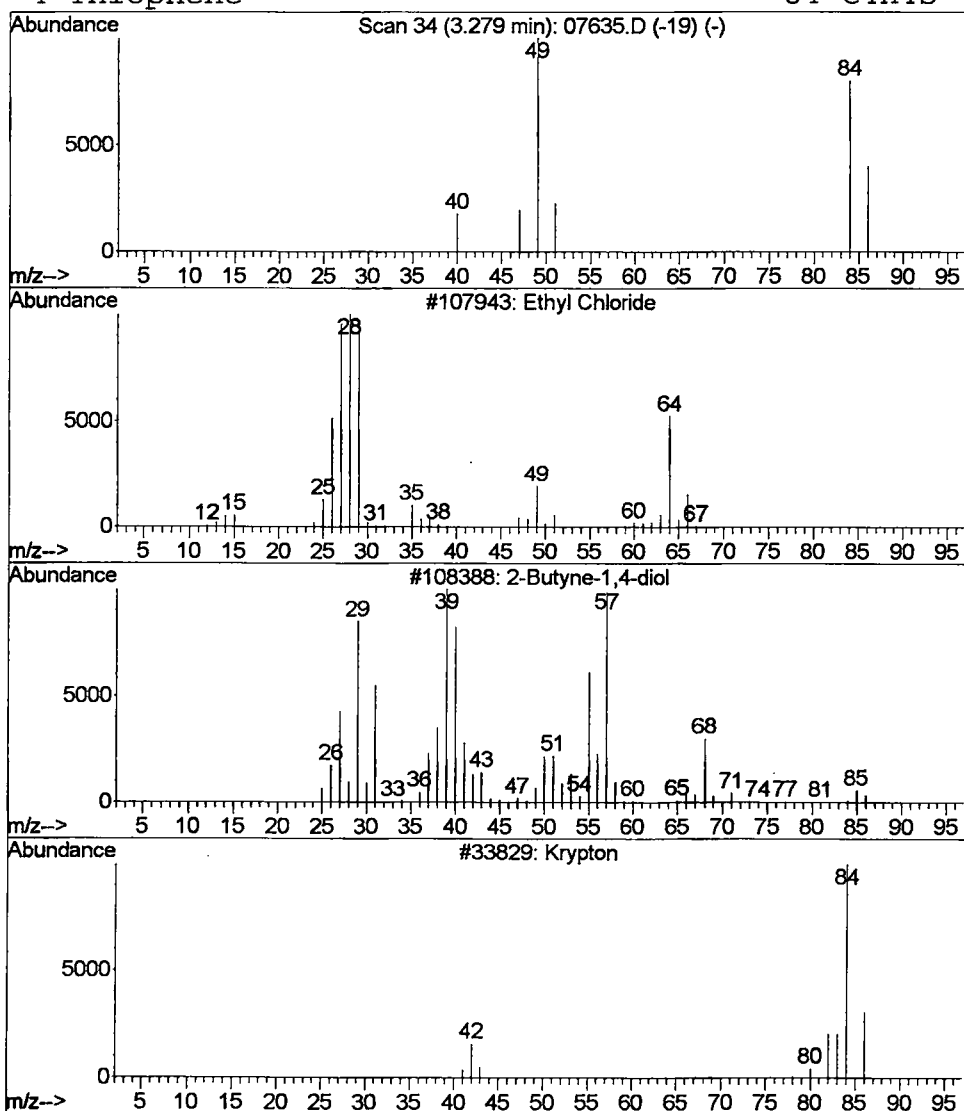
Vial: 14
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 1 Ethyl Chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	0.22 ug/l	151694	1,4-Dichlorobenzene-d4	10.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethyl Chloride	64	C2H5Cl	000075-00-3	4
2		2-Butyne-1,4-diol	86	C4H6O2	000110-65-6	3
3		Krypton	84	Kr	007439-90-9	2
4		Thiophene	84	C4H4S	000110-02-1	2



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020410\07635.D

Acq On : 10 Apr 2002 10:34 pm

Sample : sample

Misc :

MS Integration Params: LSCINT.e

Vial: 14

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)

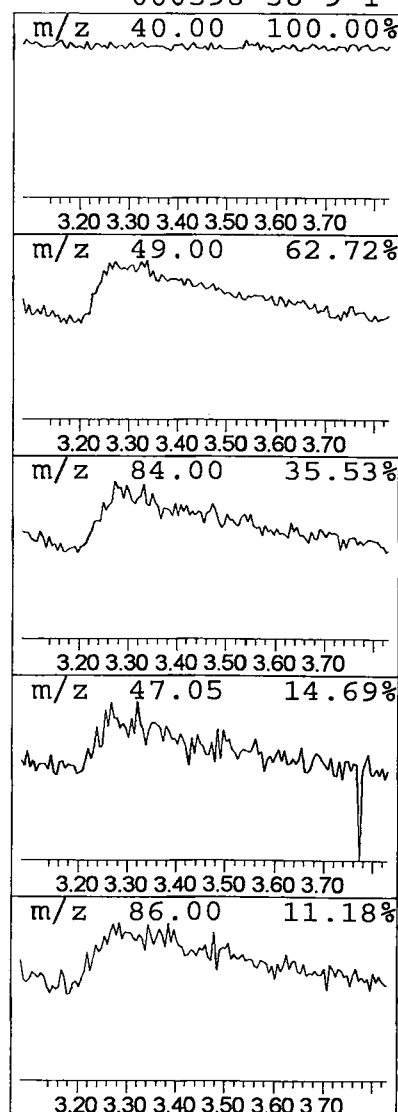
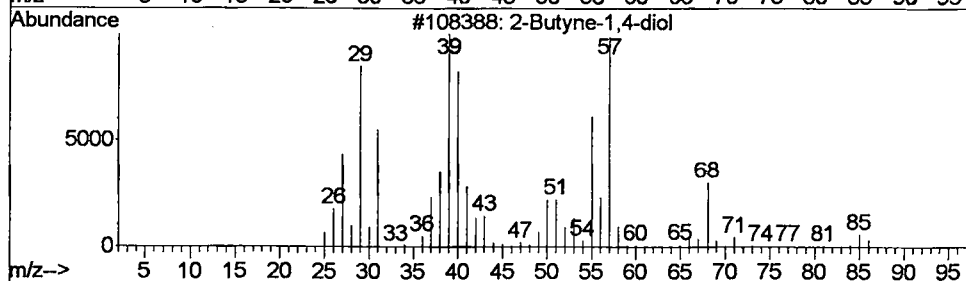
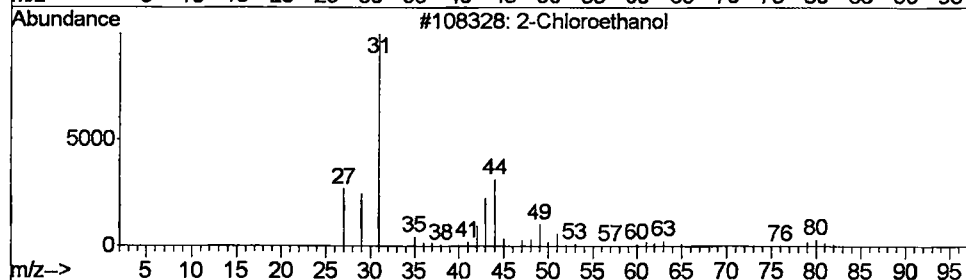
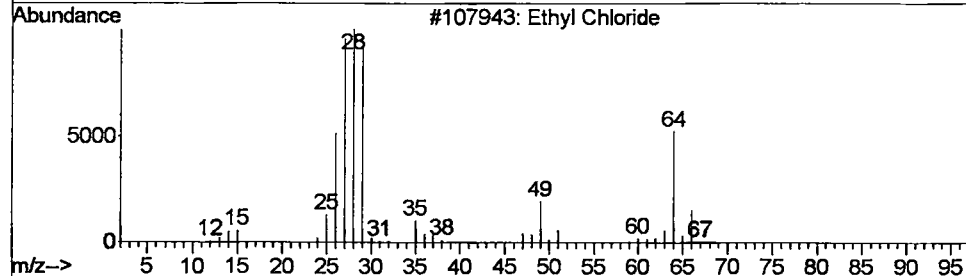
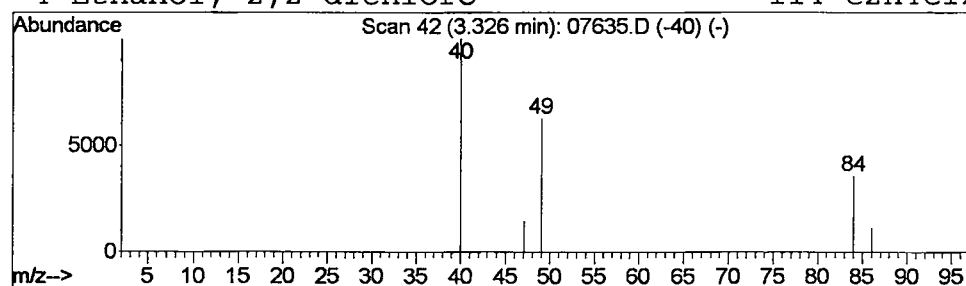
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 2 Ethyl Chloride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	0.11 ug/l	79805	1,4-Dichlorobenzene-d4	10.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl Chloride	64	C2H5Cl	000075-00-3	2
2			2-Chloroethanol	80	C2H5ClO	000107-07-3	1
3			2-Butyne-1,4-diol	86	C4H6O2	000110-65-6	1
4			Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	1



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020410\07635.D

Acq On : 10 Apr 2002 10:34 pm

Sample : sample

Misc :

MS Integration Params: LSCINT.e

Vial: 14

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\SCANAPR0902.M (Chemstation Integrator)

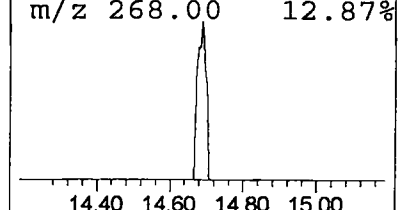
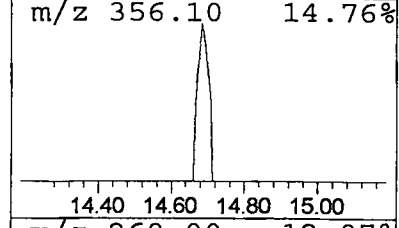
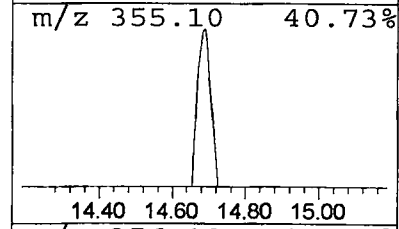
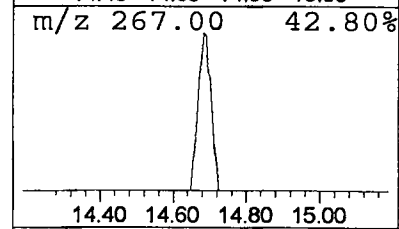
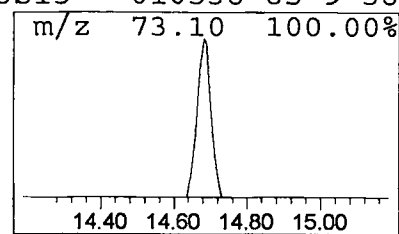
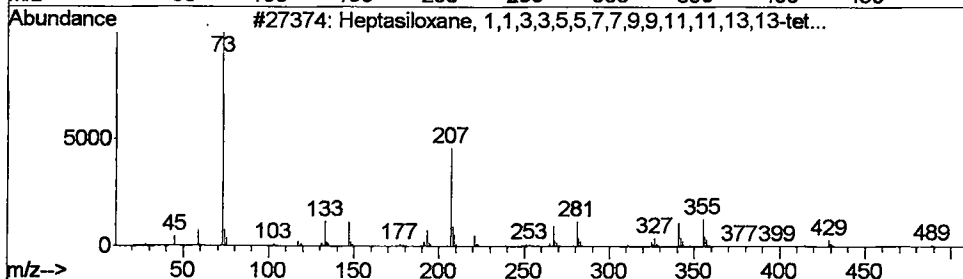
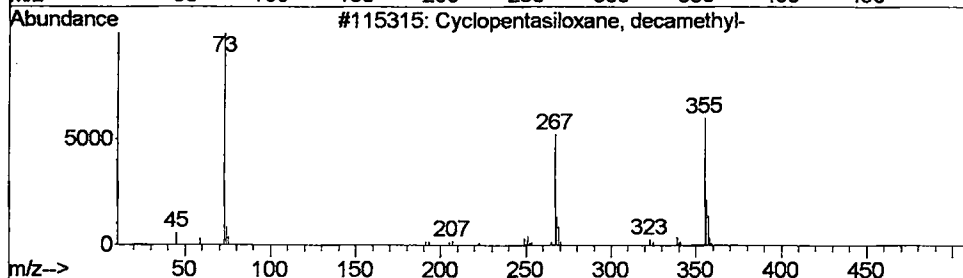
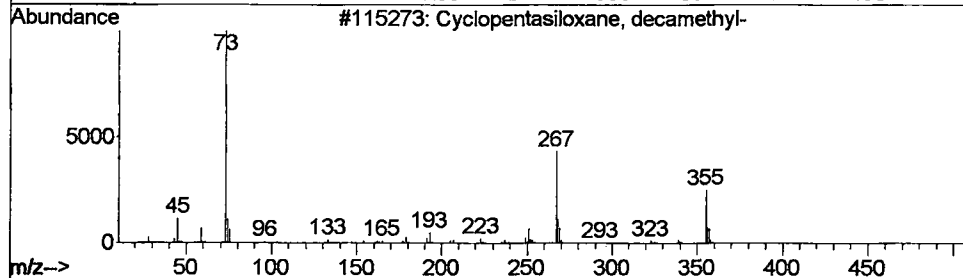
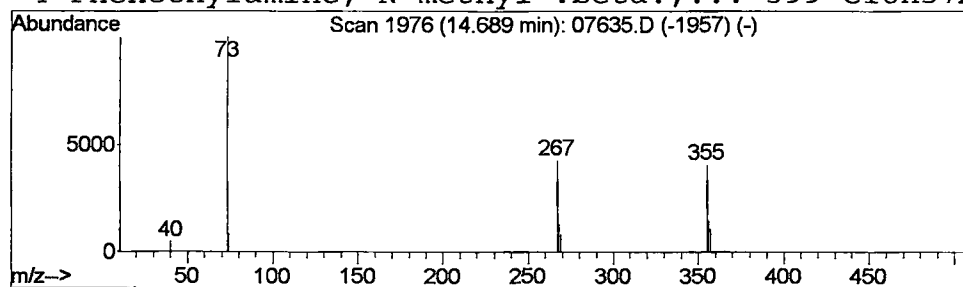
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	0.53 ug/l	483406	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			Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	40
4			Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	38



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 10 Apr 2002 10:34 pm
 Data File: C:\MSDCHEM\1\DATA\020410\07635.D
 Name: sample
 Misc:
 Method: C:\MSDCHEM\1\METHODS\SCANAPR0902.M (Chemstation Integrator)
 Title: Method 508 GC/MS Scan
 Library Searched: C:\DATABASE\nist98.1

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethyl Chloride	3.28	0.2	ug/l	151694	1	10.66	14048000	20.0
Ethyl Chloride	3.33	0.1	ug/l	79805	1	10.66	14048000	20.0
Cyclopentasiloxan...	14.69	0.5	ug/l	483406	2	15.77	18354600	20.0