User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/11/2002 Time: 14:14:42

Sample: AE07516
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/11/02 14:14 Ended: 4/11/02 14:14 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		91		5.0

Comments for Sample AE07516 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-11-2002 Time: 14:15:42

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

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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020404\07516.D Vial: 12
Acq On : 4 Apr 2002 5:13 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 05 14:27:30 2002 Quant Results File: SCAN020403.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Fri Apr 05 14:03:06 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	2831575	20.00	ug/l	0.00
10) Naphthalene-d8	15.77	136	10472409	20.00	ug/l	0.00
17) Acenaphthene-d10	23.66	164	6089530	20.00	ug/l	-0.01
31) Phenanthrene-d10	30.90	188	9956909	20.00	ug/l	0.00
39) Chrysene-d12	39.10	240	8128278	20.00	ug/l	-0.01
45) Perylene-d12	42.30	264	4683289	20.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	26.73	207	216569	3.63	ug/l	0.00
Spiked Amount 4.000			Recovery = 90.75%			
Target Compounds						Qvalue

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

NYC-WTC_000047391

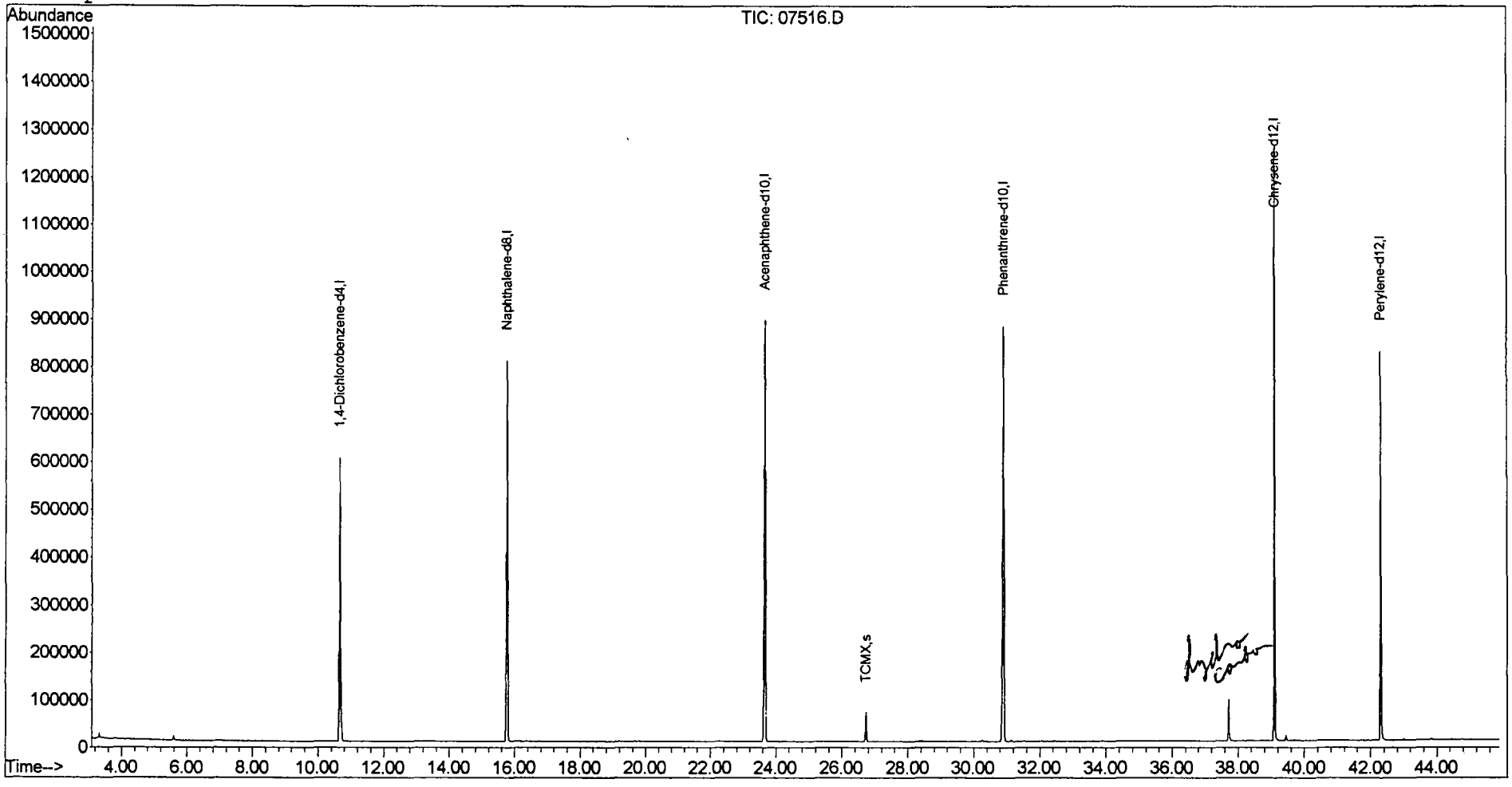
NYC-WTC_000047392

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020404\07516.D Vial: 12
Acq On : 4 Apr 2002 5:13 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 5 14:27 2002 Quant Results File: SCAN020403.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Last Update : Fri Apr 05 14:03:06 2002
Response via : Initial Calibration



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LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020404\07516.D Vial: 12
Acq On : 4 Apr 2002 5:13 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

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	3.273	22	33	37	PV 3	3249	105444	0.43%	0.084%
2	3.320	37	41	51	VV 2	10974	223965	0.92%	0.179%
3	3.426	54	59	65	VV 3	3247	91888	0.38%	0.073%
4	5.588	418	427	437	PV 2	8377	162979	0.67%	0.130%
5	10.658	1279	1290	1315	VV	592568	14853977	60.75%	11.863%
6	15.770	2146	2160	2171	PV	792605	19697807	80.56%	15.731%
7	15.841	2171	2172	2177	VV 2	2195	24431	0.10%	0.020%
8	15.993	2194	2198	2205	PV	1587	25667	0.10%	0.020%
9	23.655	3483	3502	3513	PV	875485	23584044	96.45%	18.834%
10	26.722	4012	4024	4035	PV 2	61155	1456521	5.96%	1.163%
11	30.259	4612	4626	4636	PV 2	2735	73210	0.30%	0.058%
12	30.894	4715	4734	4747	BV 2	862801	24452063	100.00%	19.528%
13	31.129	4765	4774	4791	BV 2	2975	98274	0.40%	0.078%
14	37.710	5882	5894	5908	VV	86456	1665987	6.81%	1.330%
15	39.096	6119	6130	6150	VV	1245875	22805520	93.27%	18.213%
16	39.443	6182	6189	6208	VV 2	11807	272850	1.12%	0.218%
17	39.678	6225	6229	6236	VV 3	2692	52090	0.21%	0.042%
18	42.163	6646	6652	6661	VV 2	2181	46209	0.19%	0.037%
19	42.304	6661	6676	6701	VV 2	817606	15349713	62.77%	12.258%
20	43.009	6788	6796	6801	VV	3204	58679	0.24%	0.047%
21	43.838	6927	6937	6940	VV 3	2827	64329	0.26%	0.051%
22	44.772	7091	7096	7107	VV 3	2109	52228	0.21%	0.042%

Sum of corrected areas: 125217876

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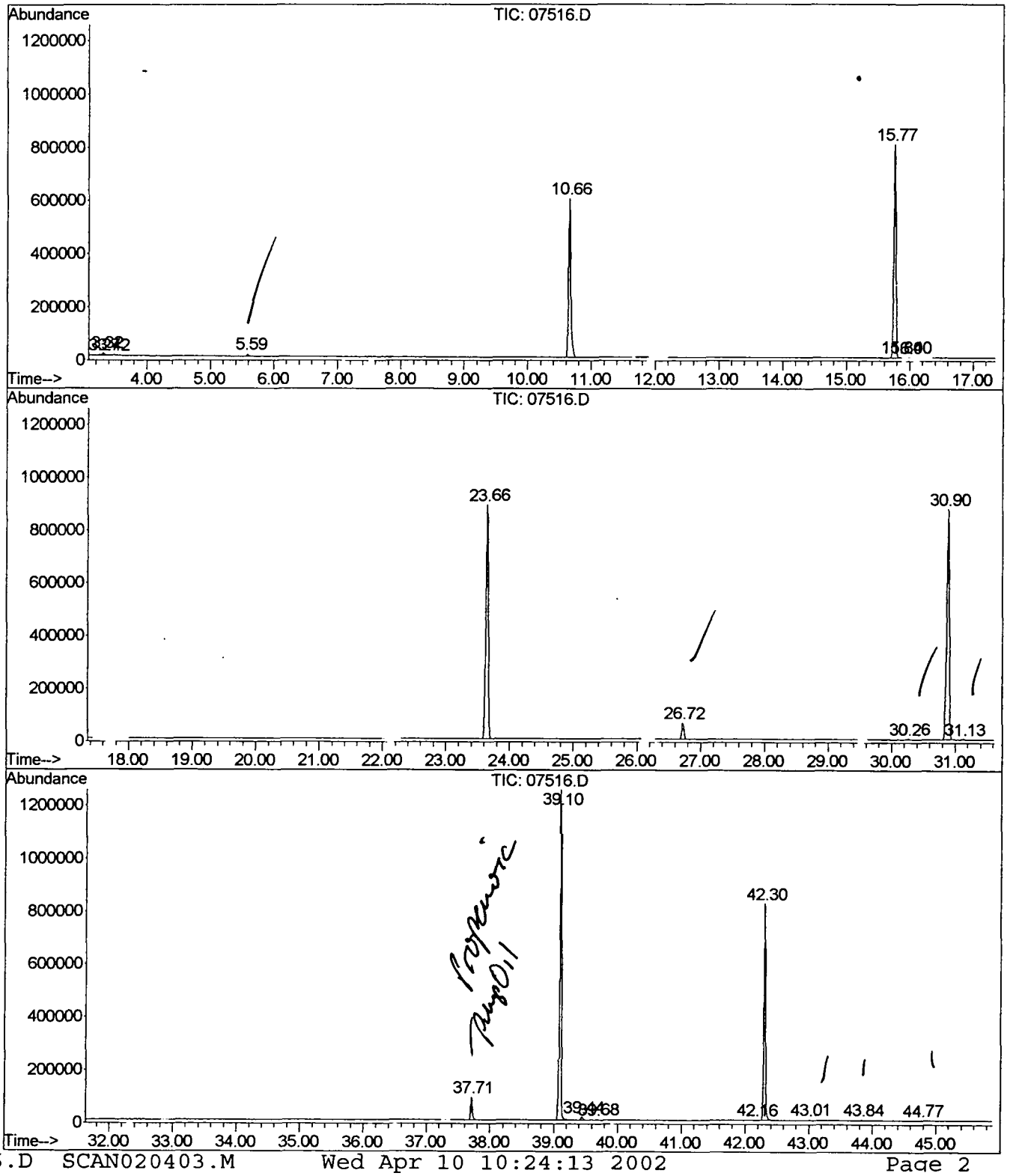
LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020404\07516.D
Operator : Nefliu
Acquired : 4 Apr 2002 5:13 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 12
Quant File :SCAN020403.RES (Chemstation Integrator)



NYC-WTC_000047394

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020404\07516.D
Acq On : 4 Apr 2002 5:13 pm
Sample : sample
Misc :
MS Integration Params: LSCINT.e

Vial: 12
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

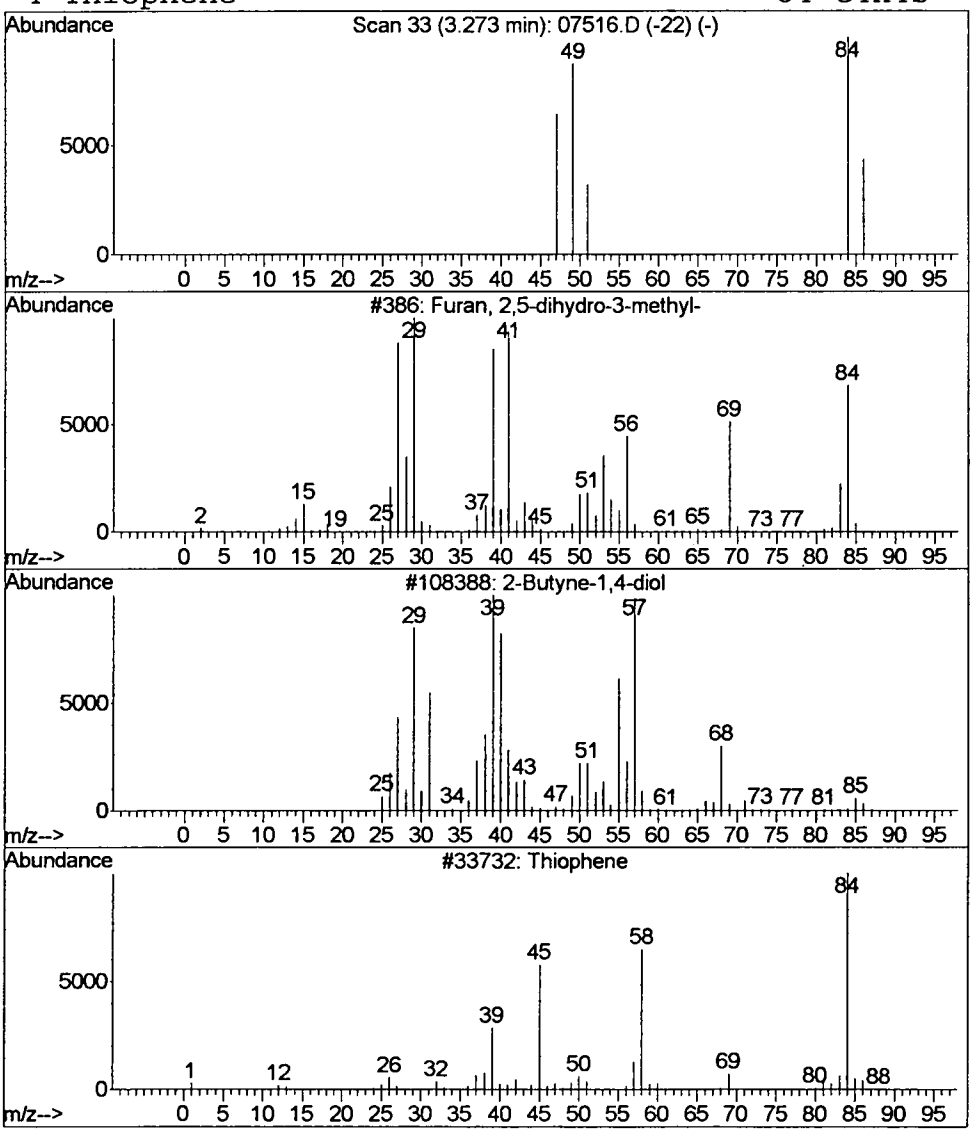
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

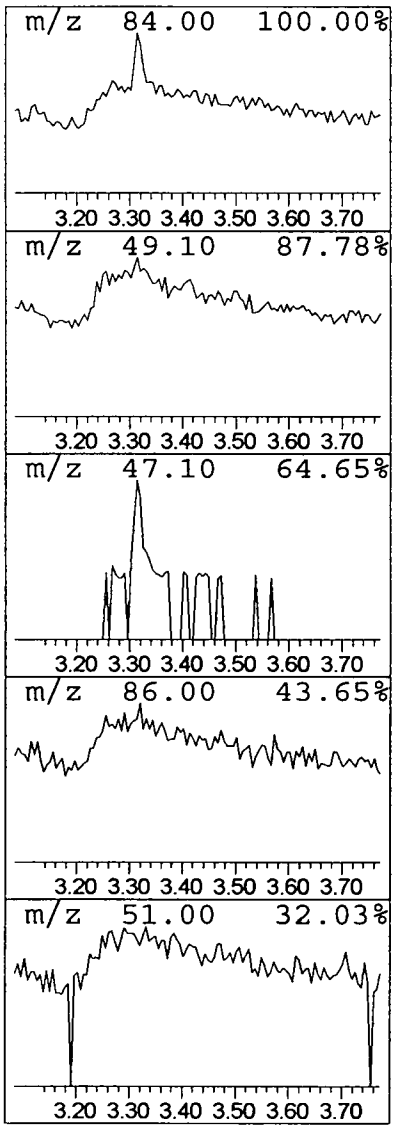
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	0.14 ug/l	105444	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	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





NYC-WTC_000047395

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020404\07516.D
Acq On : 4 Apr 2002 5:13 pm
Sample : sample
Misc :
MS Integration Params: LSCINT.e

Vial: 12
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

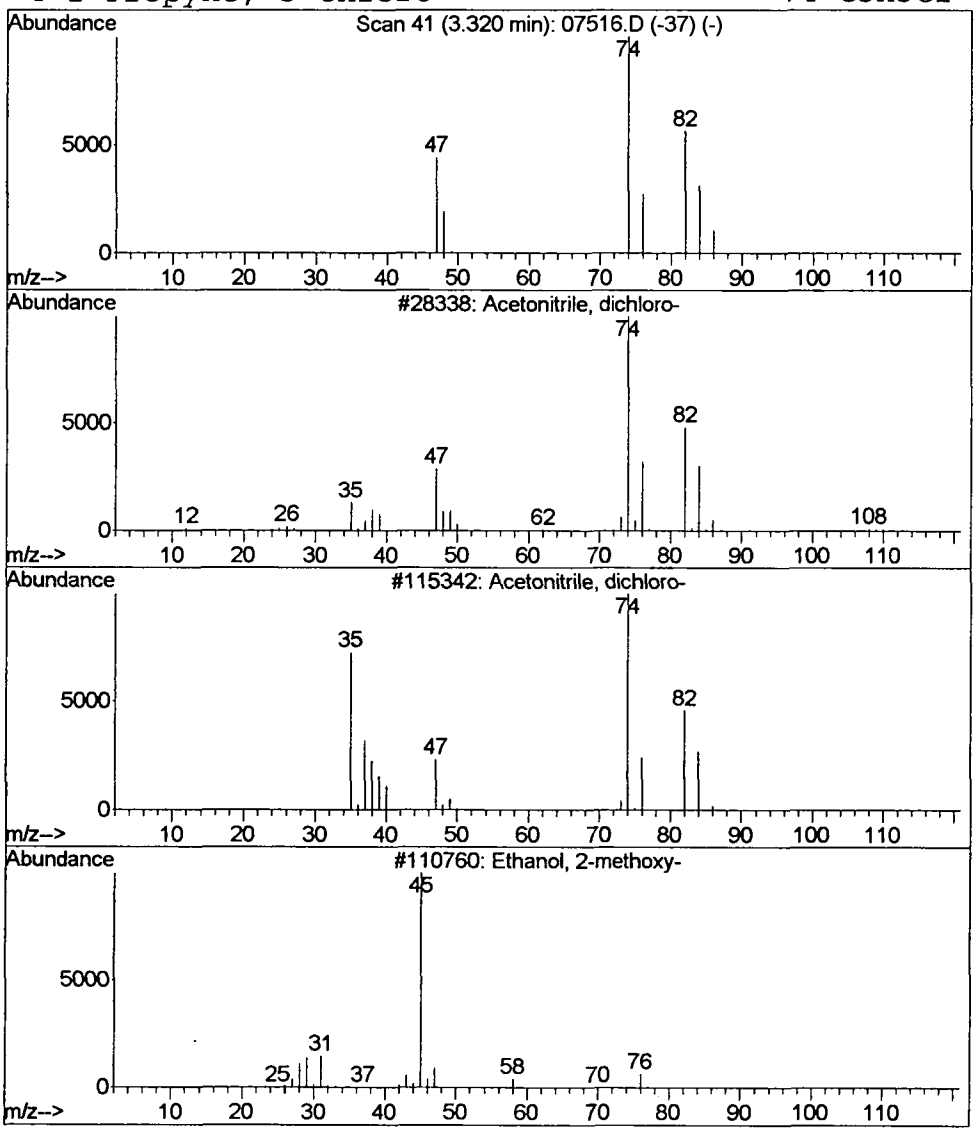
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

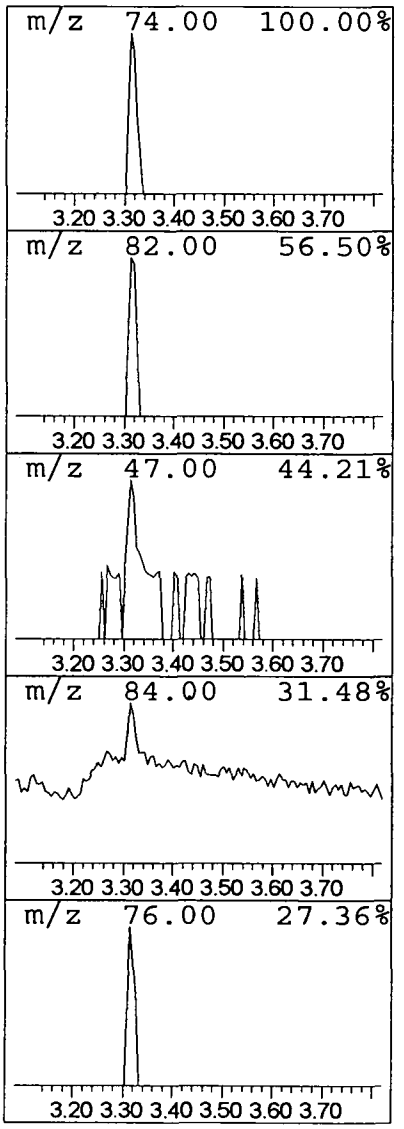
****

Peak Number 2 Acetonitrile, dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	0.30 ug/l	223965	1,4-Dichlorobenzene-d4	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	39
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	38
3	Ethanol, 2-methoxy-	76	C3H8O2	000109-86-4	4
4	1-Propyne, 3-chloro-	74	C3H3Cl	000624-65-7	4





NYC-WTC_000047396

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020404\07516.D
Acq On : 4 Apr 2002 5:13 pm
Sample : sample
Misc :
MS Integration Params: LSCINT.e

Vial: 12
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

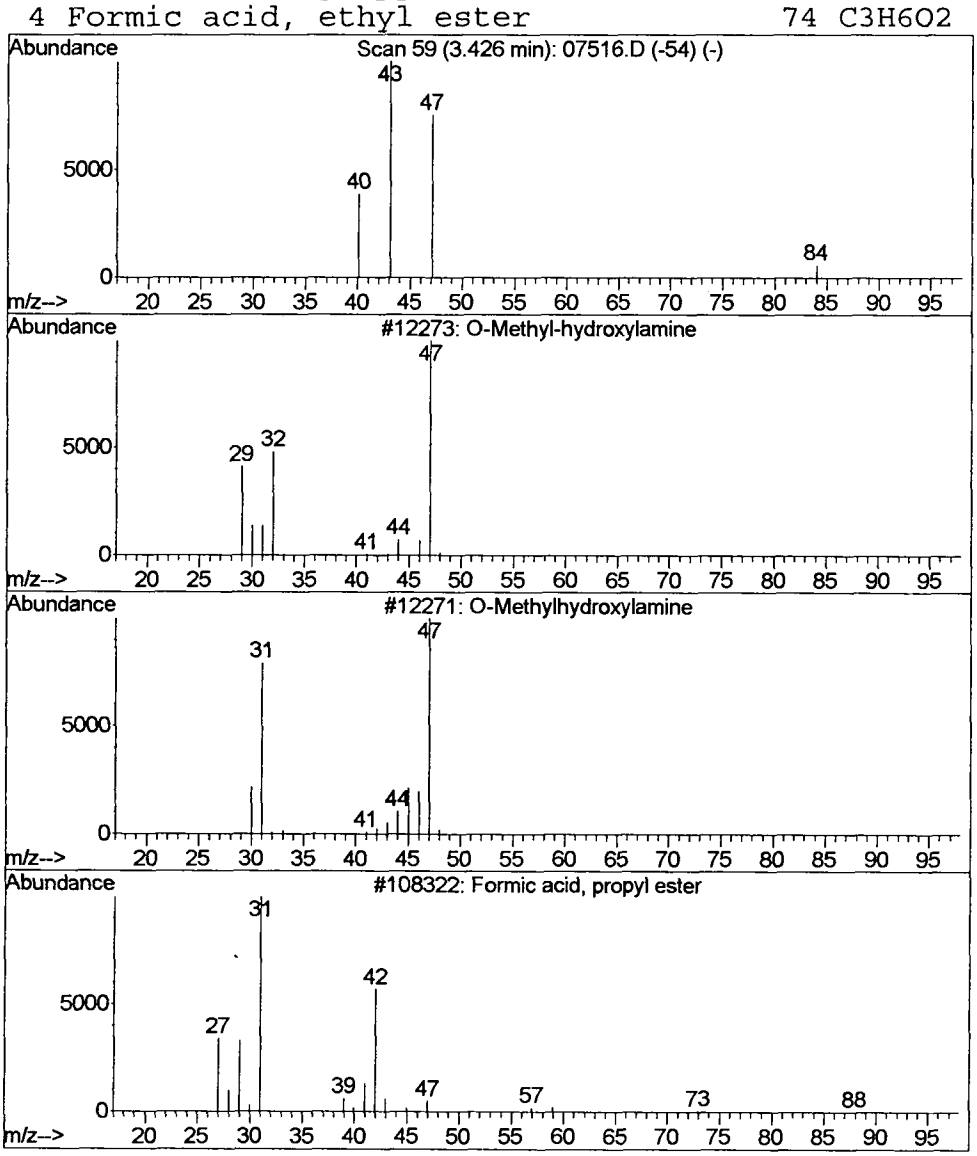
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

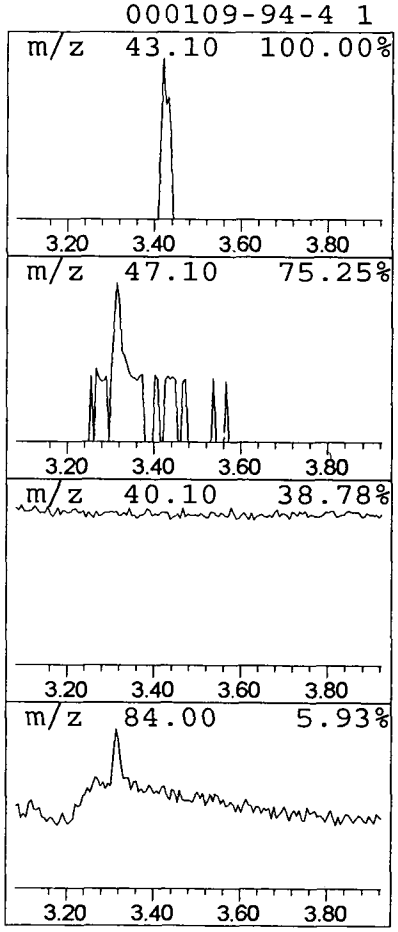
****

Peak Number 3 O-Methyl-hydroxylamine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	0.12 ug/l	91888	1,4-Dichlorobenzene-d4	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	O-Methyl-hydroxylamine	47	CH5NO	1000192-49-9	3
2	O-Methylhydroxylamine	47	CH5NO	1000202-02-6	3
3	Formic acid, propyl ester	88	C4H8O2	000110-74-7	1
4	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	1





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NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020404\07516.D
Acq On : 4 Apr 2002 5:13 pm
Sample : sample
Misc :
MS Integration Params: LSCINT.e

Vial: 12
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

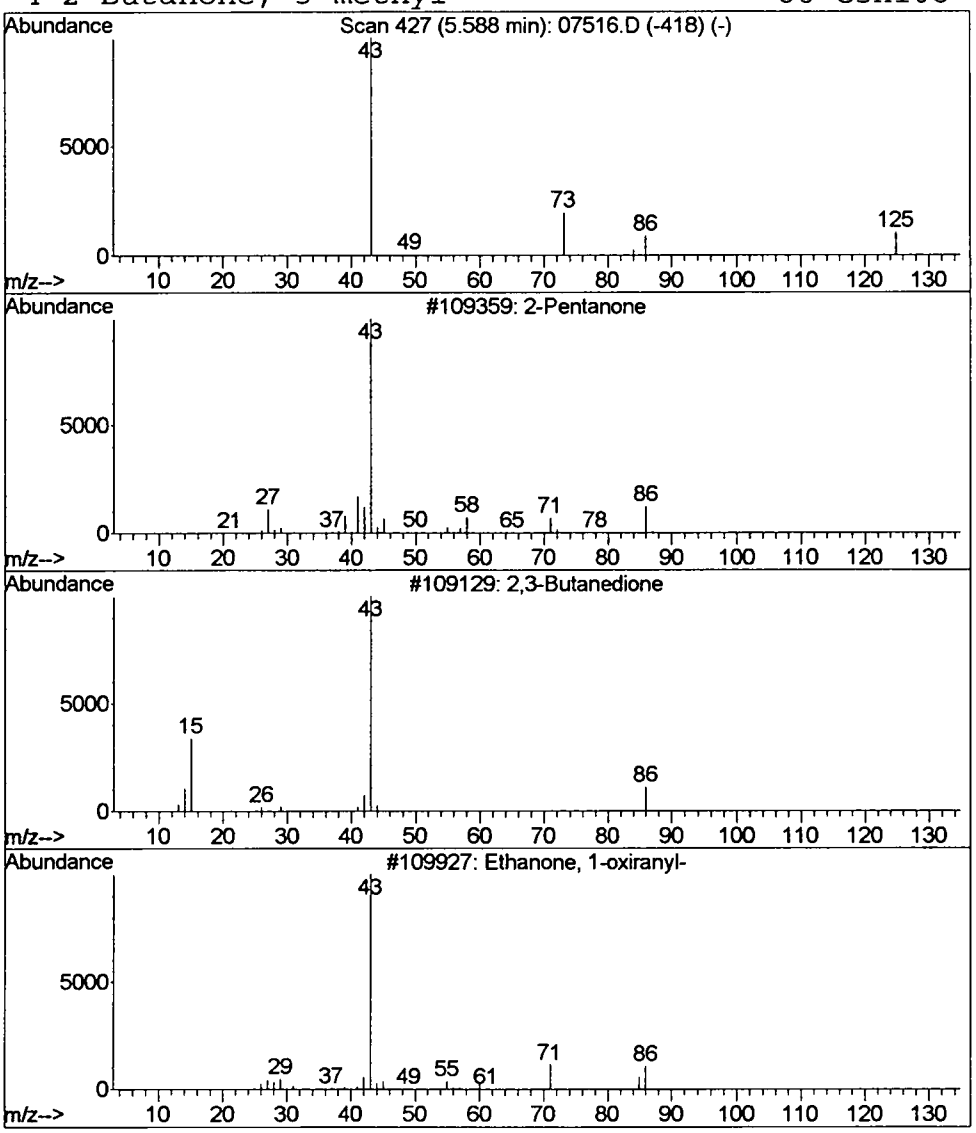
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

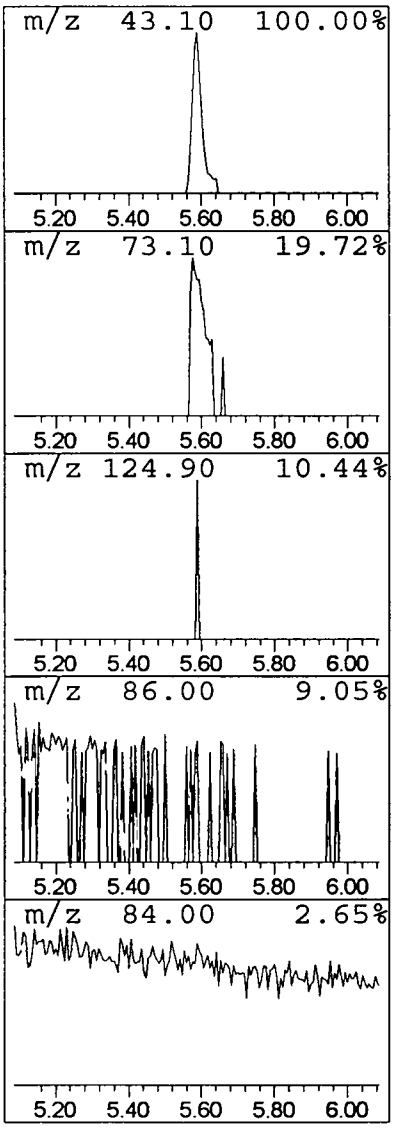
****

Peak Number 4 2-Pentanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	0.22 ug/l	162979	1,4-Dichlorobenzene-d4	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	3
2	2,3-Butanedione	86	C4H6O2	000431-03-8	3
3	Ethanone, 1-oxiranyl-	86	C4H6O2	004401-11-0	3
4	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	3





NYC-WTC_000047398

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020404\07516.D
Acq On : 4 Apr 2002 5:13 pm
Sample : sample
Misc :
MS Integration Params: LSCINT.e

Vial: 12
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

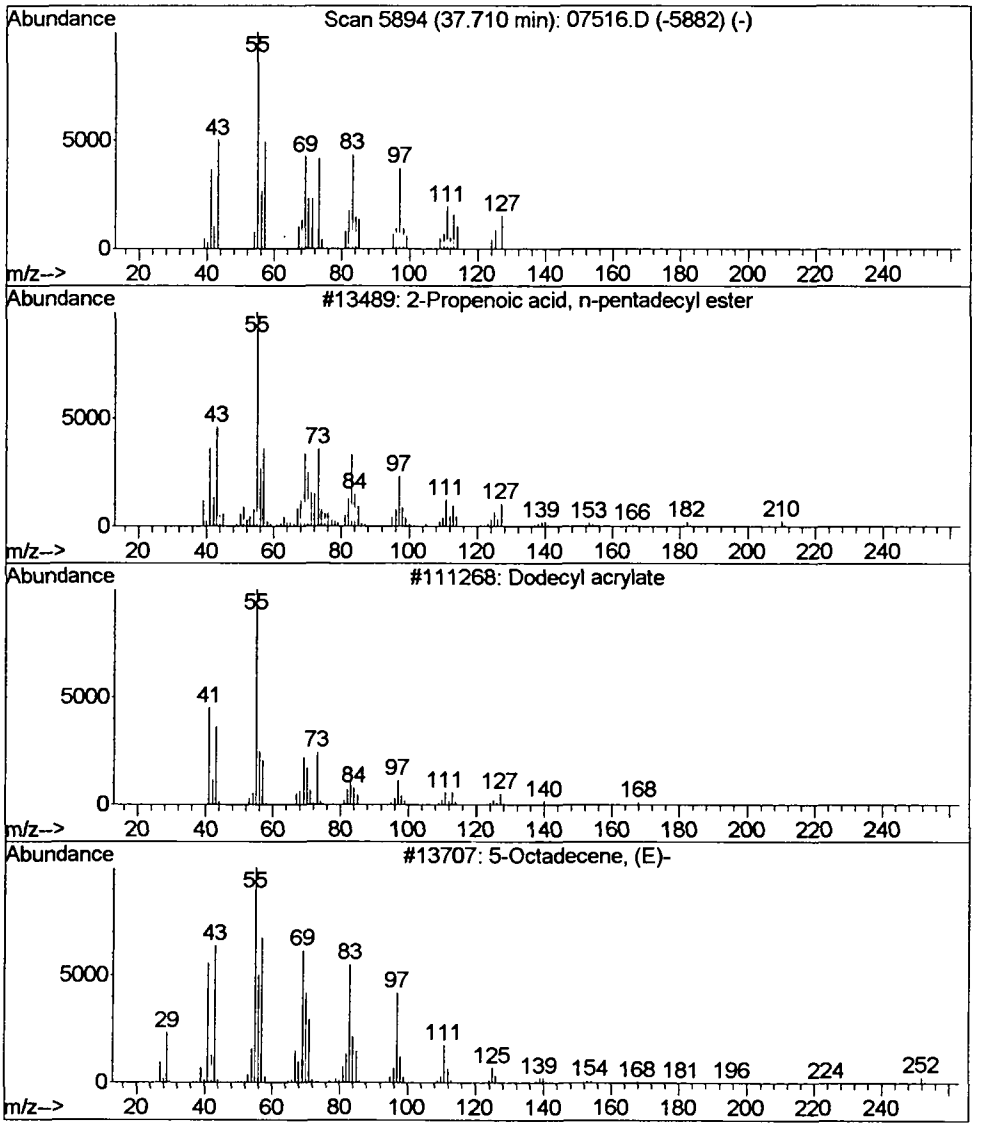
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

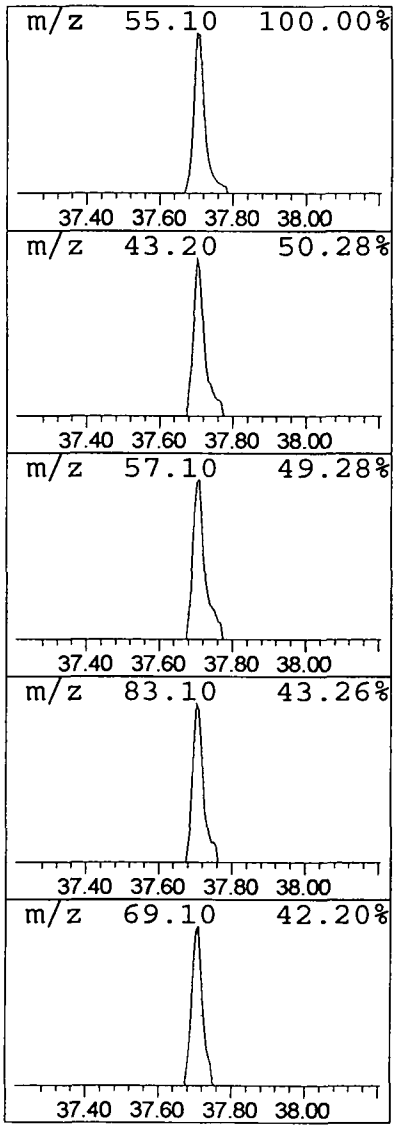
****

Peak Number 5 2-Propenoic acid, n-pentade... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.71	1.46 ug/l	1665990	Chrysene-d12	39.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, n-pentadecyl e...	282	C18H34O2	1000245-64-0	87
2	Dodecyl acrylate	240	C15H28O2	002156-97-0	59
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	58
4	1-Octadecene	252	C18H36	000112-88-9	58





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020404\07516.D Vial: 12
Acq On : 4 Apr 2002 5:13 pm Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

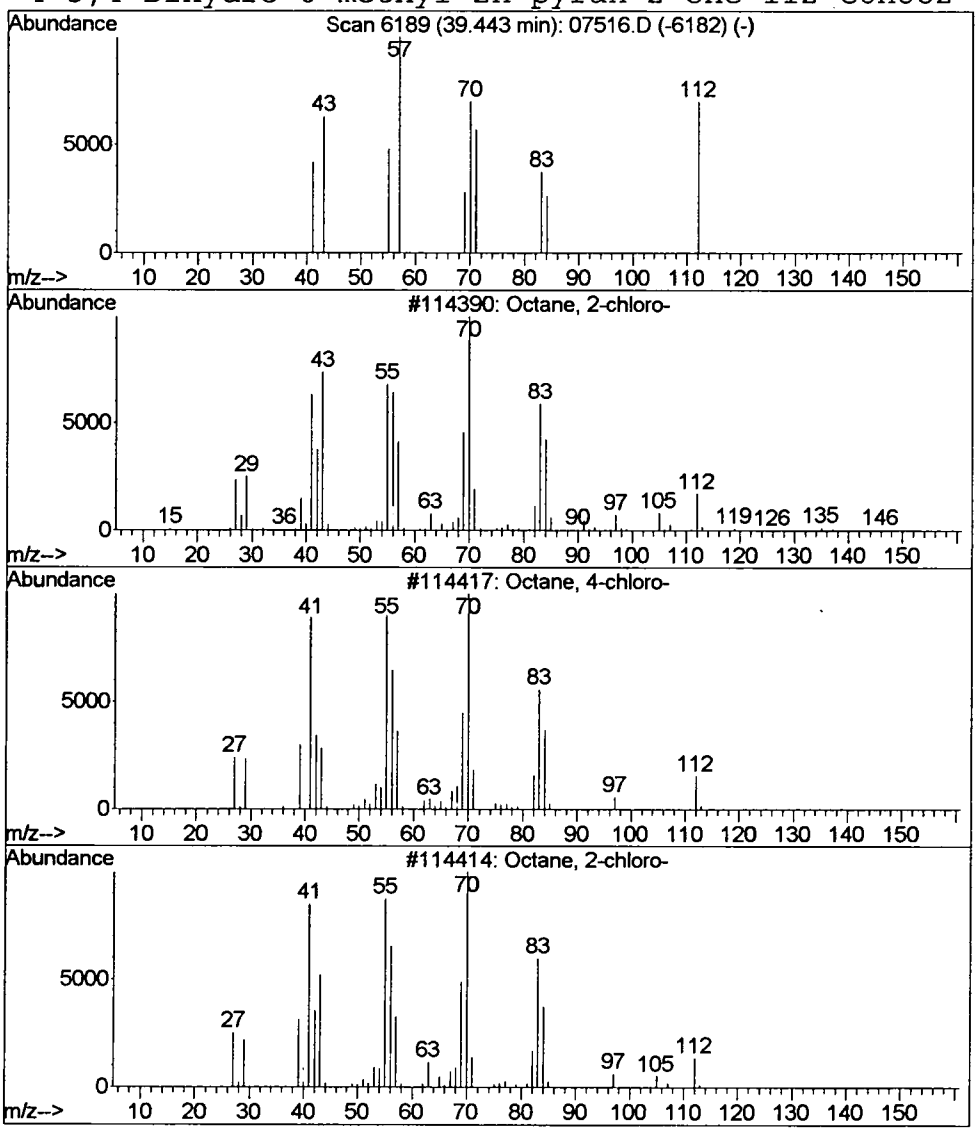
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020403.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

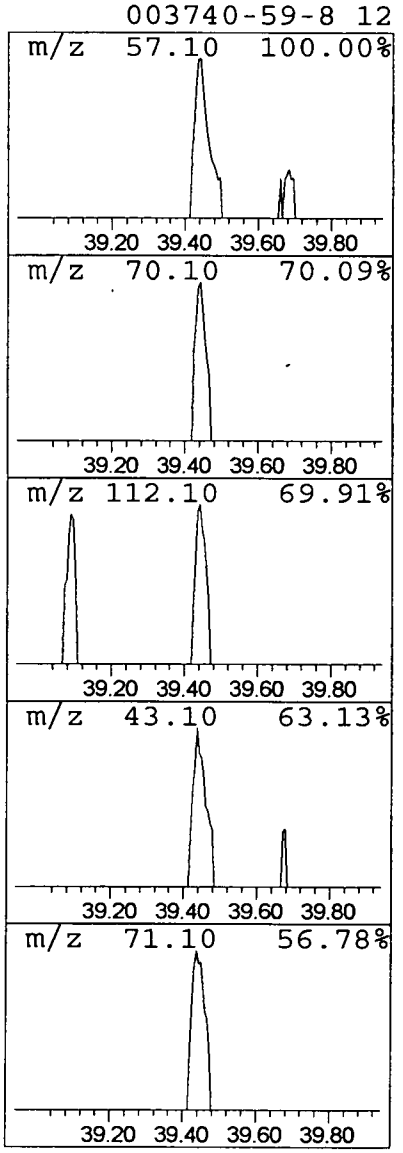
****

Peak Number 6 Octane, 2-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.44	0.24 ug/l	272850	Chrysene-d12	39.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-chloro-	148	C8H17Cl	000628-61-5	37
2	Octane, 4-chloro-	148	C8H17Cl	000999-07-5	32
3	Octane, 2-chloro-	148	C8H17Cl	000628-61-5	32
4	3,4-Dihydro-6-methyl-2H-pyran-2-one	112	C6H8O2	003740-59-8	12





NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 4 Apr 2002 5:13 pm
Data File: C:\MSDCHEM\1\DATA\020404\07516.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020403.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
Furan, 2,5-dihydr...	3.27	0.1	ug/l	105444	1	10.66	14854000	20.0
Acetonitrile, dic...	3.32	0.3	ug/l	223965	1	10.66	14854000	20.0
O-Methyl-hydroxyl...	3.42	0.1	ug/l	91888	1	10.66	14854000	20.0
2-Pentanone	5.59	0.2	ug/l	162979	1	10.66	14854000	20.0
2-Propenoic acid,...	37.71	1.5	ug/l	1665990	5	39.10	22805500	20.0
Octane, 2-chloro-	39.44	0.2	ug/l	272850	5	39.10	22805500	20.0

NYC-WTC_000047401