User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 14:19:03

Sample: AE12573
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/7/02 14:18 Ended: 6/7/02 14:18 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		70		10.0

Comments for Sample AE12573 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-07-2002 Time: 14:19:29

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JUN0302\12573.D Vial: 24
Acq On : 4 Jun 2002 7:55 am Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 4 11:49 2002 Quant Results File: GCMS0531.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0531

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.06	152	495292	40.00	ug/l	-0.01
10) Naphthalene-d8	15.69	136	1977033	40.00	ug/l	-0.02
17) Acenaphthene-d10	20.99	164	959283	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.42	188	1439912	40.00	ug/l	-0.01
38) Chrysene-d12	33.47	240	816046	40.00	ug/l	-0.03
44) Perylene-d12	37.65	264	467336	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.14	209	186559	28.11	ug/L	-0.01
Spiked Amount 40.000			Recovery = 70.28%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.42	74	512	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitrosodi-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.75	128	421	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.48	149	310	N.D.		
26) 4-Chlorophenylphenylether	23.13	204	995	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.13	168	421	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.43	178	721	N.D.		

(#) = qualifier out of range (m) = manual integration

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Last Update : Fri May 31 09:43:55 2002
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DataAcq Meth : GCMS0531

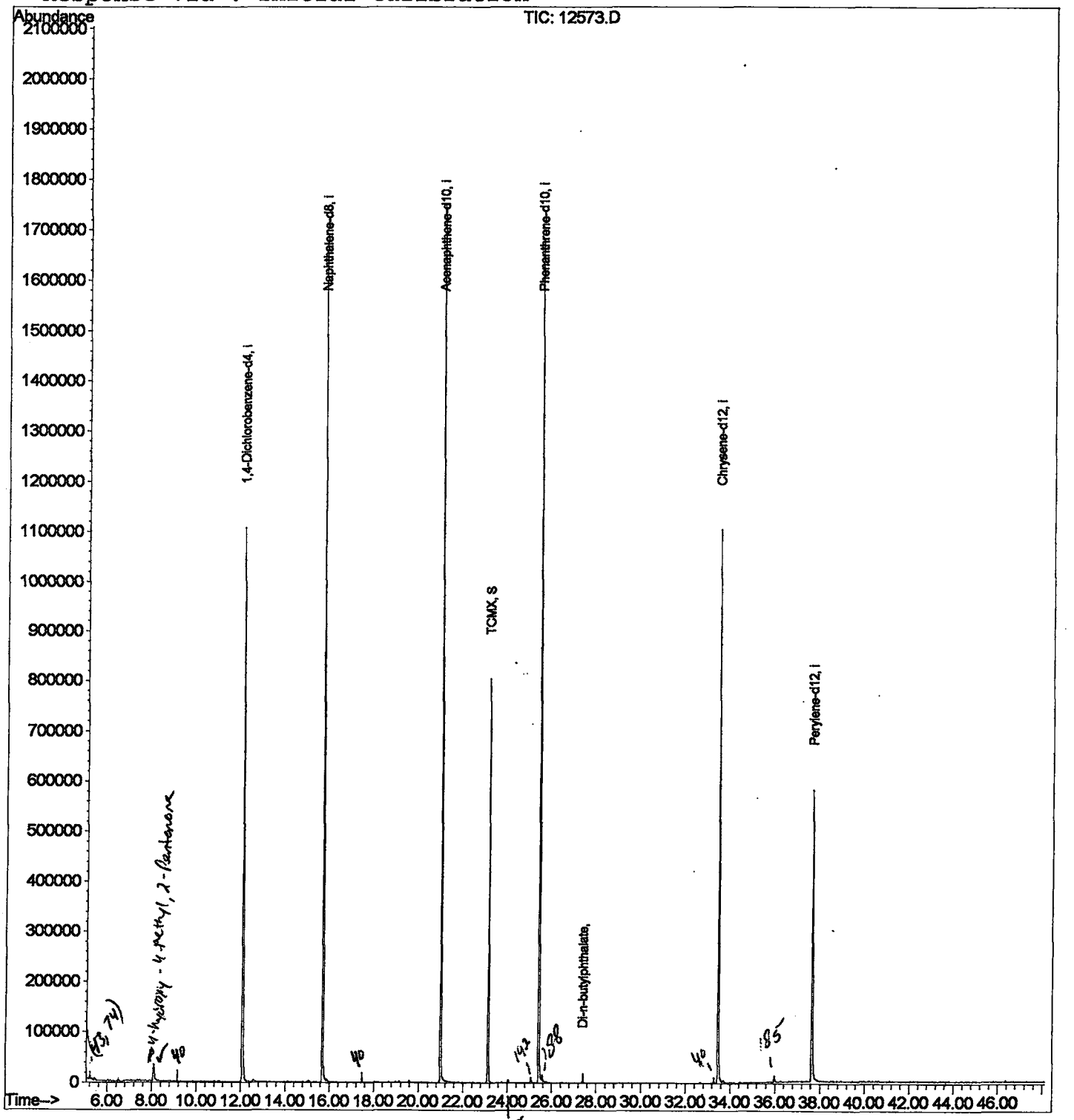
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.43	178	721	N.D.	
36)	Di-n-butylphthalate	27.40	149	22856	0.44 ug/l	97
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.47	228	2054	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.70	149	1692	N.D.	
43)	Chrysene	33.47	228	2054	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.65	252	1719	N.D.	
49)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12573.D Vial: 24
Acq On : 4 Jun 2002 7:55 am Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 4 11:49 2002 Quant Results File: GCMS0531.RES

Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12573.D Vial: 24
Acq On : 4 Jun 2002 7:55 am Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

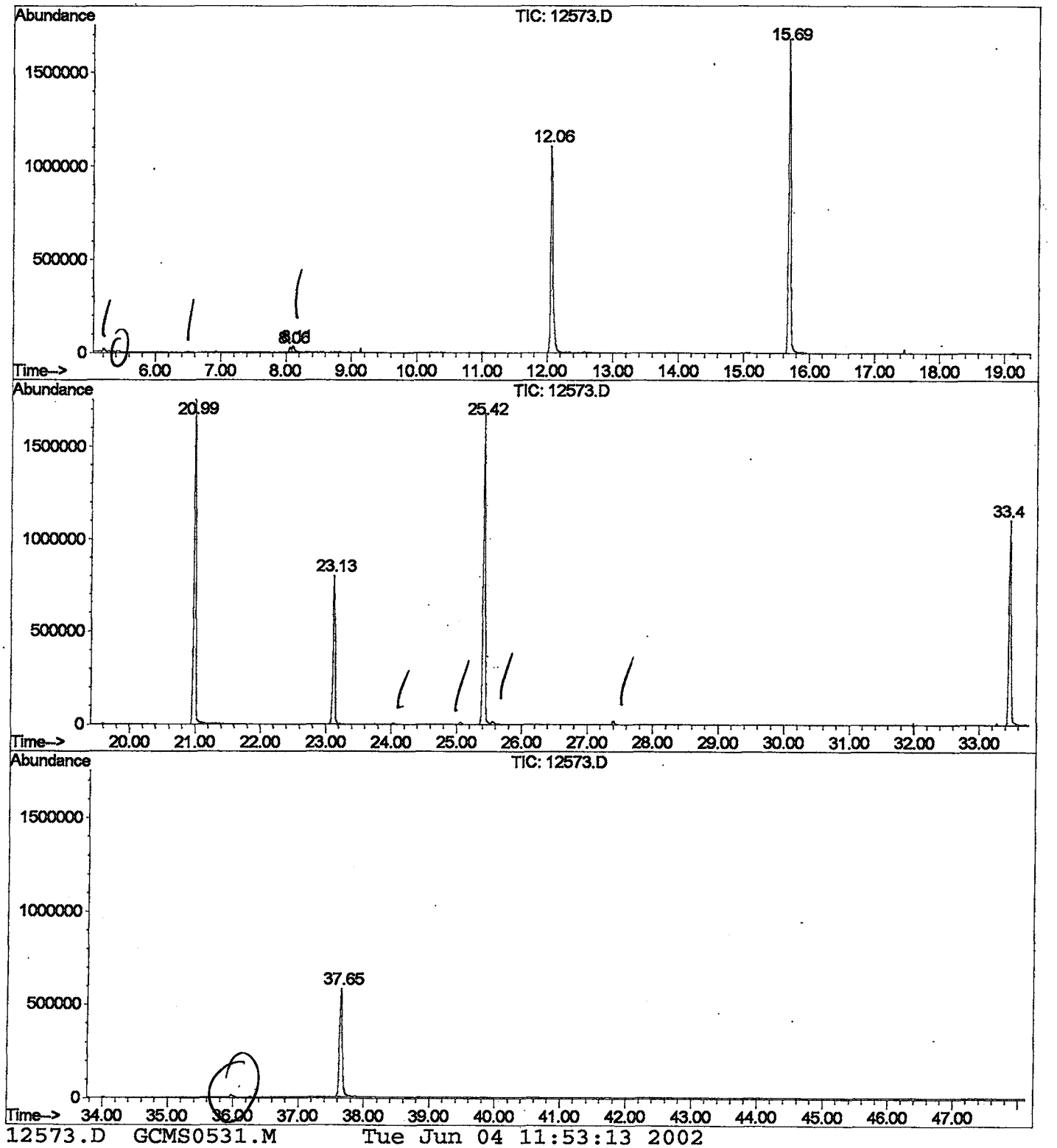
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.062	326	329	332	rBV	25768	55426	1.48%	0.278%
2	8.108	332	334	347	rVB	33165	77925	2.08%	0.390%
3	12.064	760	765	783	rBV	1106303	2721748	72.79%	13.637%
4	15.690	1154	1160	1178	rBV	1677802	3663135	97.96%	18.353%
5	20.988	1731	1737	1751	rBV	1752148	3739420	100.00%	18.735%
6	23.127	1961	1970	1985	rBV	804106	1741049	46.56%	8.723%
7	25.422	2213	2220	2232	rBV2	1681763	3664021	97.98%	18.358%
8	33.473	3090	3097	3113	rBV2	1104779	2554843	68.32%	12.800%
9	37.650	3544	3552	3574	rBV2	580222	1741478	46.57%	8.725%

Sum of corrected areas: 19959045

12573.D GCMS0531.M Tue Jun 04 11:53:12 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JUN0302\12573.D
Operator :
Acquired : 4 Jun 2002 7:55 am using AcqMethod GCMS0531
Instrument : 209
Sample Name: gc/ms scan 5/28
Misc Info :
Vial Number: 24
Quant File :GCMS0531.RES (RTE Integrator)



12573.D GCMS0531.M Tue Jun 04 11:53:13 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12573.D Vial: 24
Acq On : 4 Jun 2002 7:55 am Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

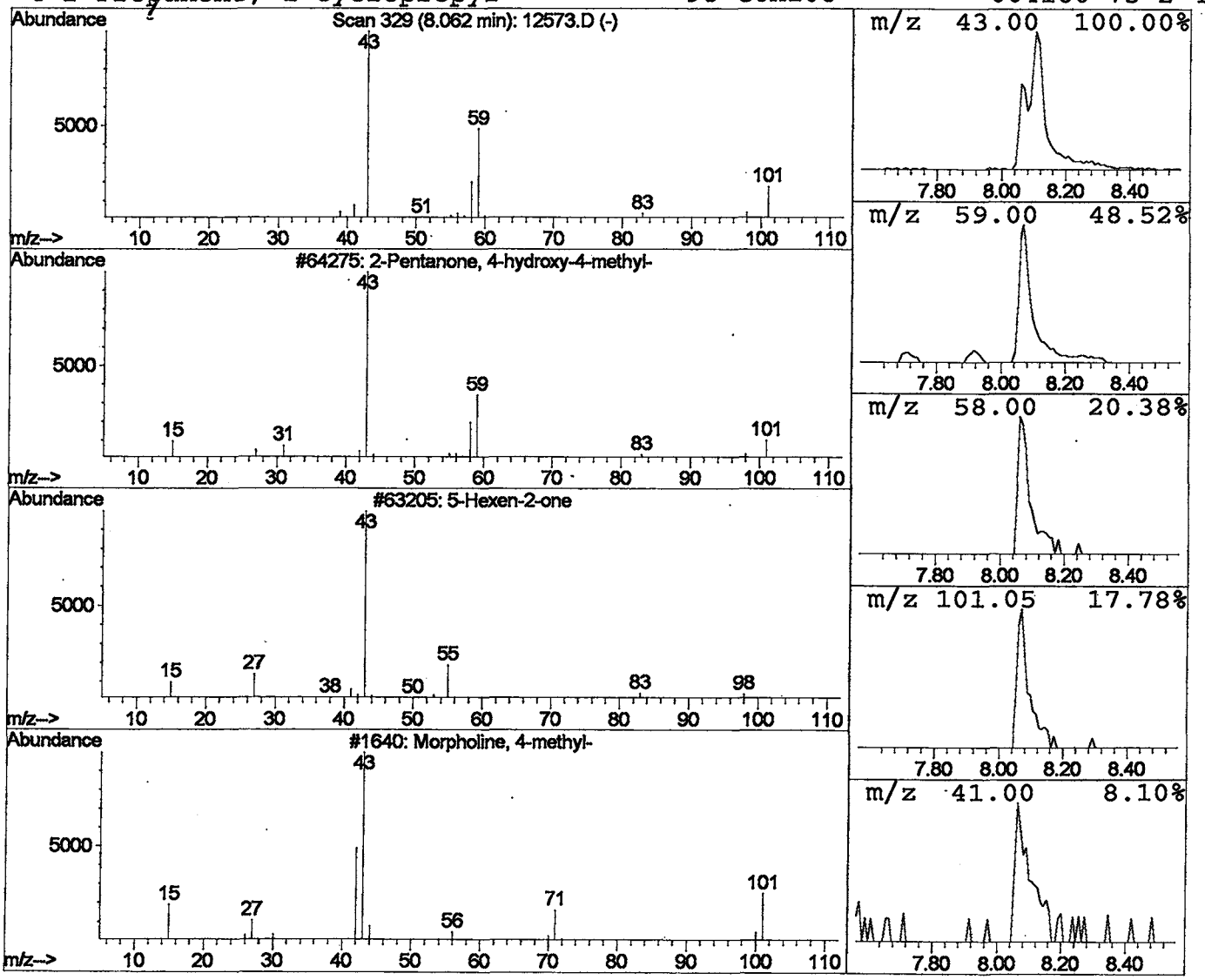
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	0.81 ug/l	55426	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5
4	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12573.D Vial: 24
Acq On : 4 Jun 2002 7:55 am Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

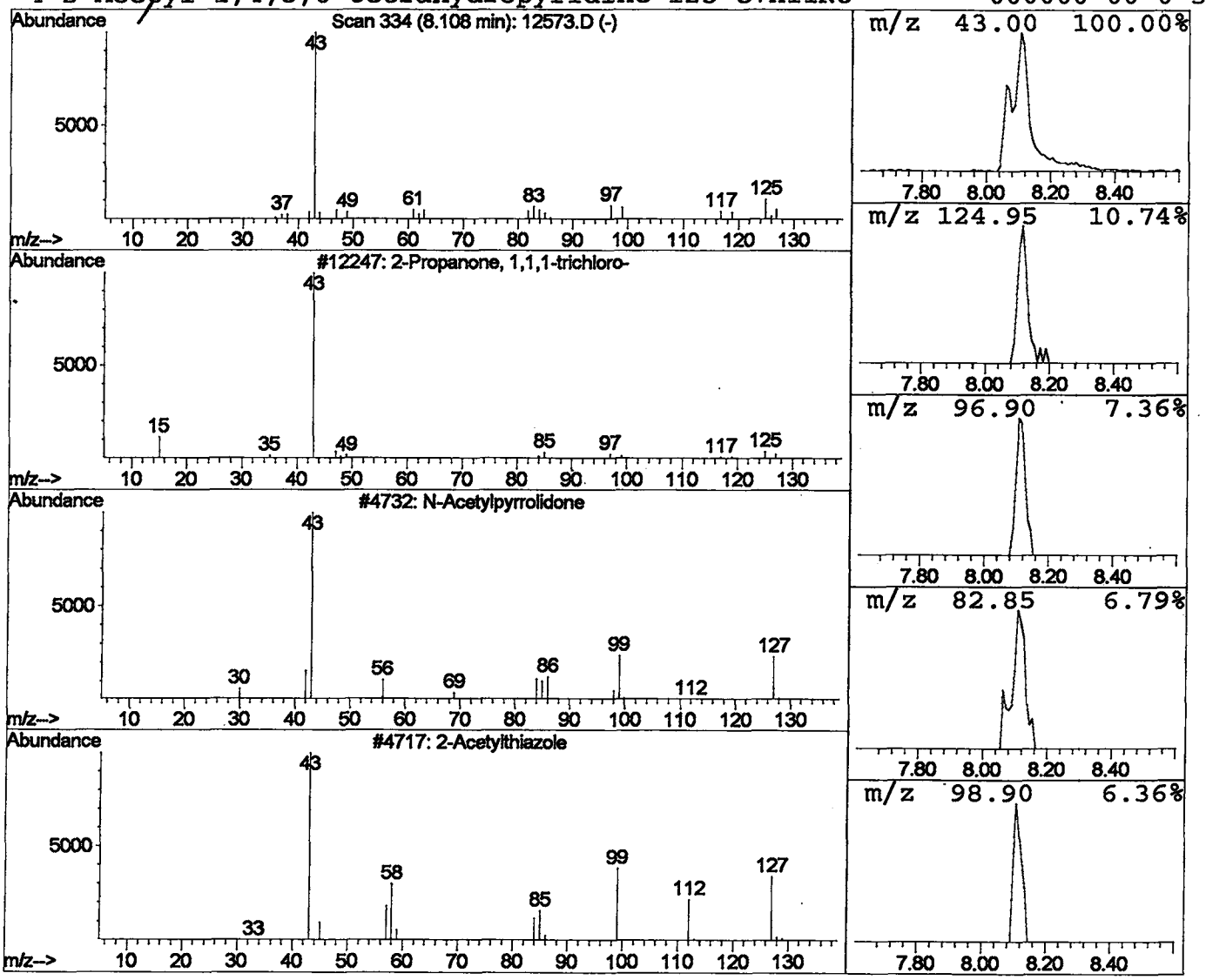
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	1.15 ug/l	77925	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	39
2	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	9
3	2-Acetylthiazole	127	C5H5NOS	024295-03-2	5
4	2-Acetyl-1,4,5,6-tetrahydropyridine	125	C7H11NO	000000-00-0	5



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 4 Jun 2002 7:55 am
Data File: C:\HPCHEM\1\DATA\JUN0302\12573.D
Name: gc/ms scan 5/28
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
2-Pentanone, 4-hydro	8.06	0.8	ug/l	55426	ISTD01	12.06	2721750	40.0
2-Propanone, 1,1,1-t	8.11	1.1	ug/l	77925	ISTD01	12.06	2721750	40.0

12573.D GCMS0531.M Tue Jun 04 11:53:15 2002