User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 13:59:59

Sample: AE05847
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/17/02 13:59 Ended: 4/17/02 13:59 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		75		5.0

Comments for Sample AE05847 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-17-2002 Time: 14:01:27

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 3 of the 43 compounds in the LCS Standard were outside of their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0402\5847.D Vial: 21
Acq On : 4 Apr 2002 5:48 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: GOOFY.P
Quant Time: Apr 9 15:37 2002 Quant Results File: GCMS0408.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 08 11:30:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	341726	20.00	ug/l	-0.01
10) Naphthalene-d8	15.89	136	1240285	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.18	164	706911	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.63	188	974550	20.00	ug/l	-0.03
39) Chrysene-d12	33.69	240	462091	20.00	ug/l	-0.03
45) Perylene-d12	37.93	264	251846	20.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	0.00	209	0	0.00	ug/mL	
Spiked Amount 4.000			Recovery =	0.00%		
38) 2,4-DDD	30.71	235	~~7069~~	~~7.53~~	ug/mL	0.21
Spiked Amount 5.000			Recovery 3.75	~~150.60%~~ 75%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	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-Nitroso-di-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	15.94	128	280	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	22.67	149	654	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0402\5847.D Vial: 21
Acq On : 4 Apr 2002 5:48 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: GOOFY.P
Quant Time: Apr 9 15:37 2002 Quant Results File: GCMS0408.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 08 11:30:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.63	178	196	N.D.	
35) Anthracene	25.63	178	196	N.D.	
36) Di-n-butylphthalate	27.60	149	67327	3.37 ug/l	99
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	32.13	149	176	N.D.	
42) Benzo(a)anthracene	33.69	228	1117	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.91	149	3778	0.55 ug/l #	94
44) Chrysene	33.69	228	1117	N.D.	
46) Di-n-Octylphthalate	0.00	149	0	N.D.	
47) Benzo(b)fluoranthene	0.00	252	0	N.D.	
48) Benzo(k)fluoranthene	0.00	252	0	N.D.	
49) Benzo(a)pyrene	37.91	252	980	N.D.	
50) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

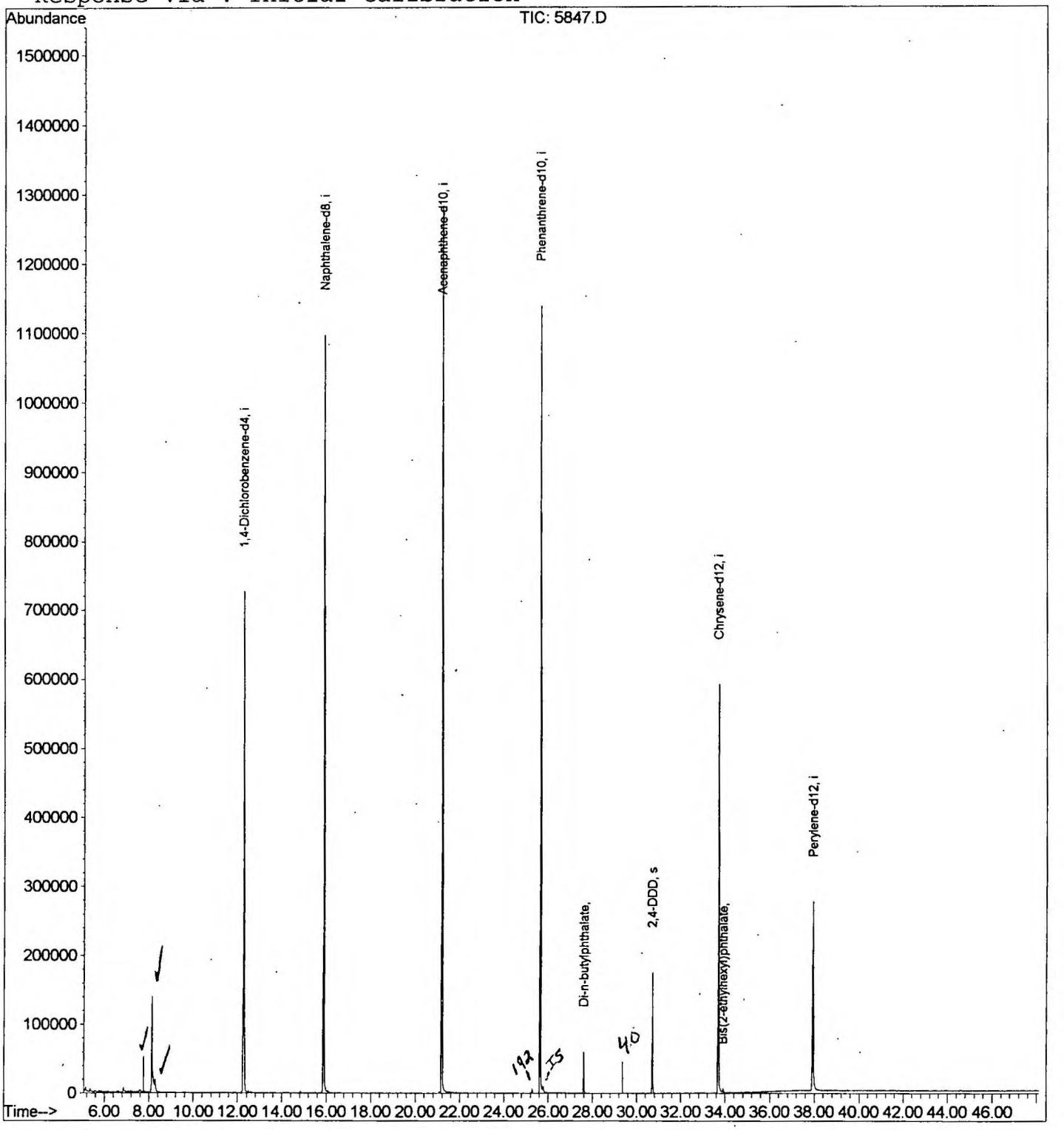
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR0402\5847.D
Acq On : 4 Apr 2002 5:48 pm
Sample : gc/ms scan 3/12
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 9 15:37 2002

Vial: 21
Operator:
Inst : GC/MS 209
Multiplr: 2.00
Quant Results File: GCMS0408.RES

Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 15 14:10:52 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR0402\5847.D Vial: 21
Acq On : 4 Apr 2002 5:48 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0408.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

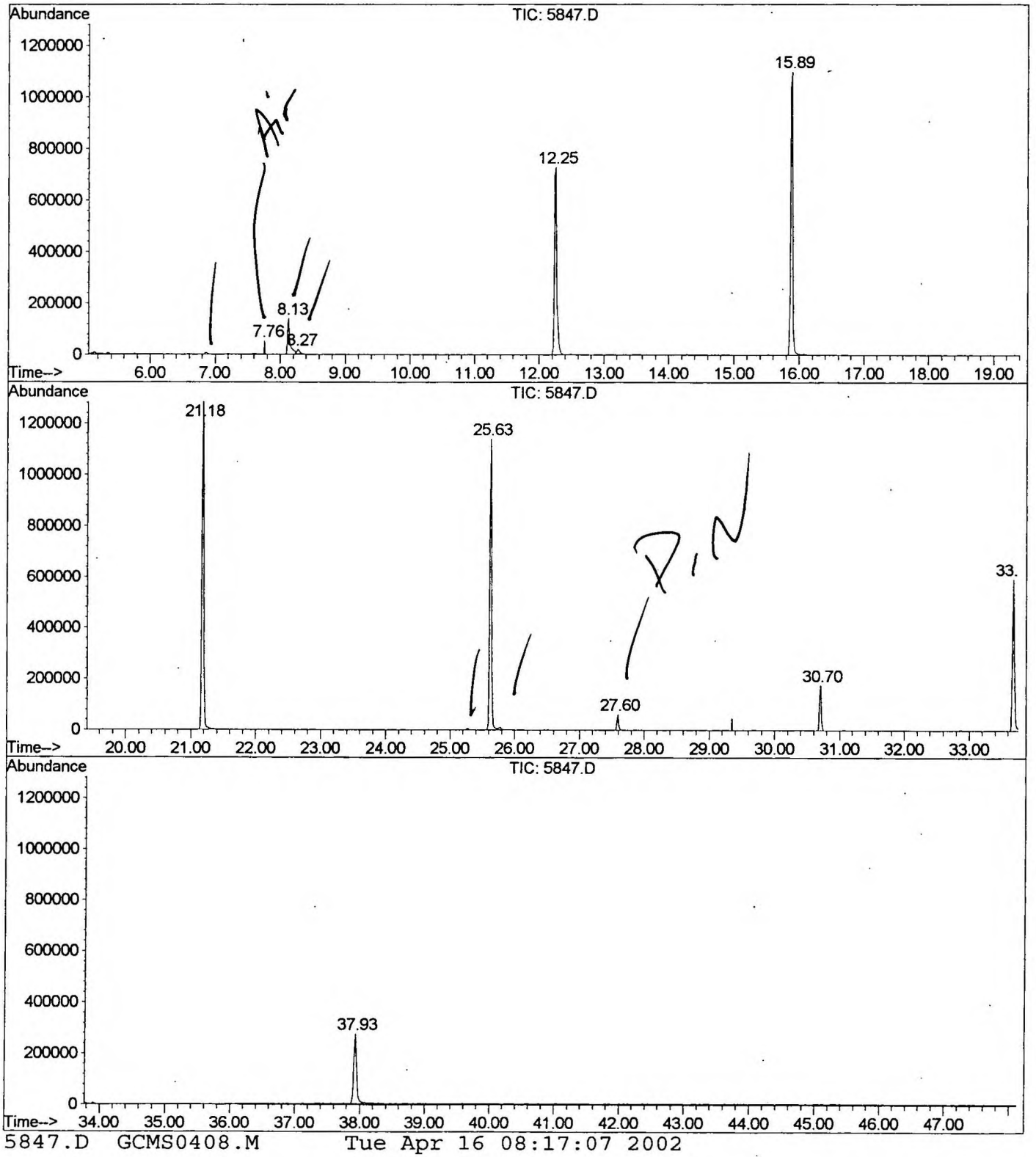
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.761	295	296	298	rBV	51672	29289	1.09%	0.236%
2	8.128	331	336	347	rBV	139336	369520	13.72%	2.983%
3	8.275	349	352	360	rVB	17133	45963	1.71%	0.371%
4	12.250	779	785	804	rBV	725767	1845905	68.54%	14.902%
5	15.885	1175	1181	1199	rBV	1096364	2350923	87.29%	18.978%
6	21.182	1752	1758	1772	rBV	1283270	2693357	100.00%	21.743%
7	25.625	2236	2242	2254	rBV2	1138372	2440725	90.62%	19.703%
8	27.599	2452	2457	2462	rBV	60129	108687	4.04%	0.877%
9	30.702	2790	2795	2802	rBV	175561	347691	12.91%	2.807%
10	33.686	3114	3120	3135	rBV2	592677	1322917	49.12%	10.680%
11	37.927	3574	3582	3596	rBV2	273498	832327	30.90%	6.719%

Sum of corrected areas: 12387304

5847.D GCMS0408.M Tue Apr 16 08:17:06 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0402\5847.D
Operator :
Acquired : 4 Apr 2002 5:48 pm using AcqMethod GCMS0403
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/12
Misc Info :
Vial Number: 21
Quant File :GCMS0408.RES (RTE Integrator)



5847.D GCMS0408.M Tue Apr 16 08:17:07 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0402\5847.D Vial: 21
Acq On : 4 Apr 2002 5:48 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: LSCINT.P

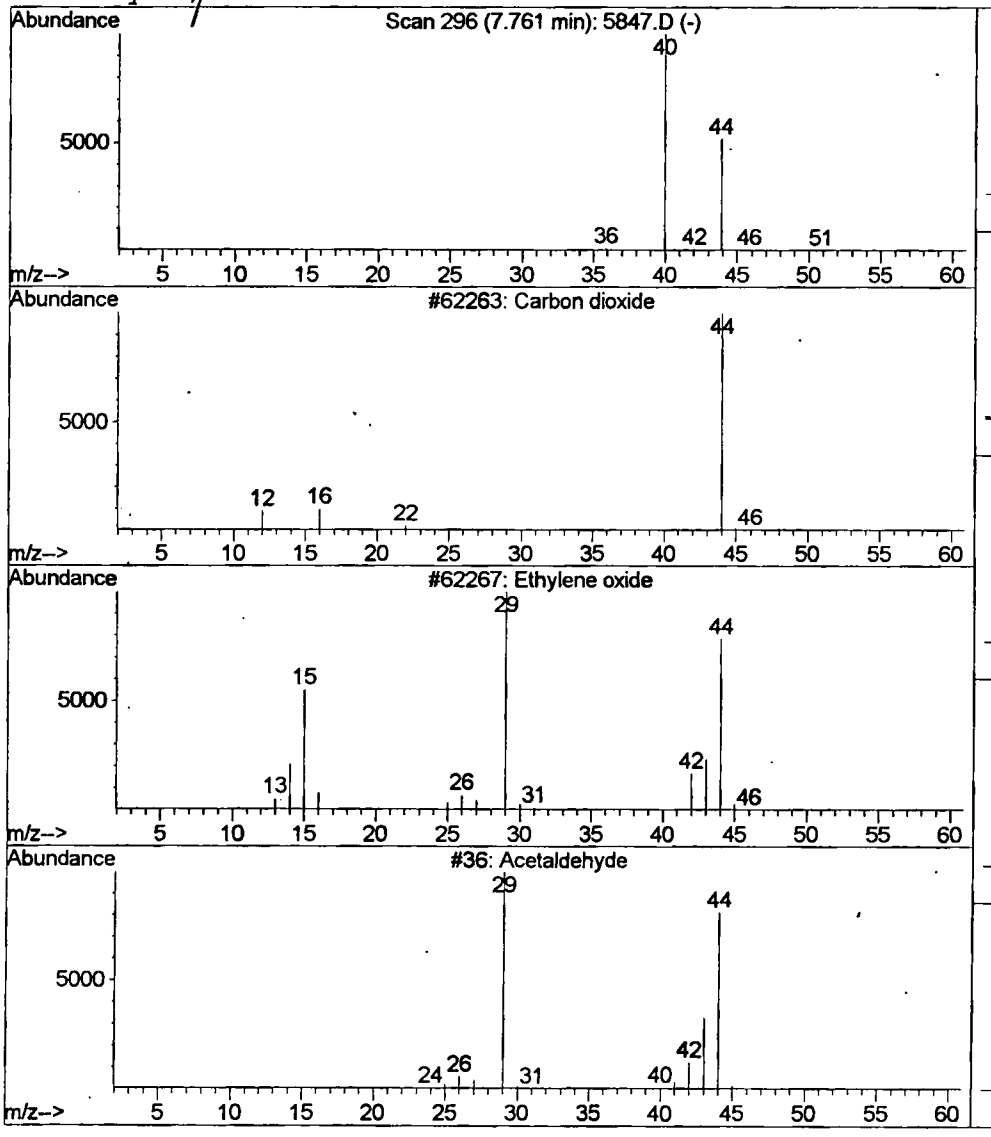
Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

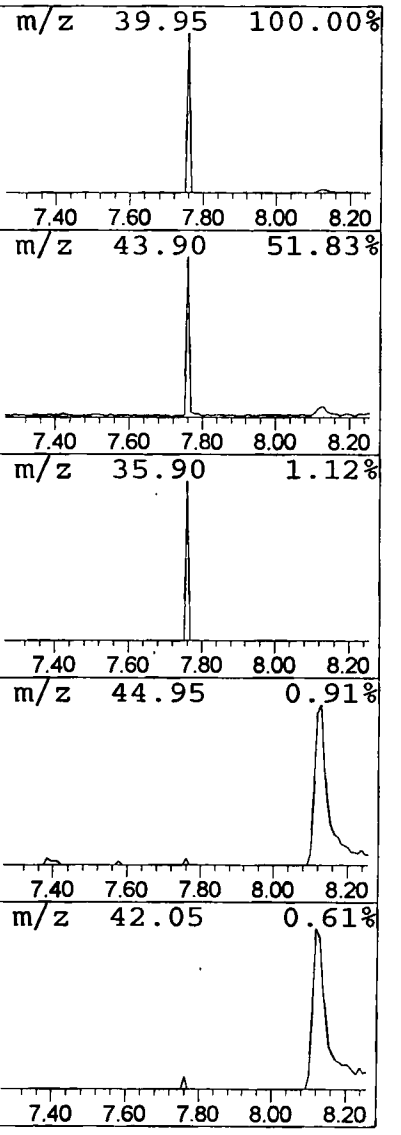
****

Peak Number 1 Carbon dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	0.63 ug/l	29289	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbon dioxide	44	CO2	000124-38-9	4
2	Ethylene oxide	44	C2H4O	000075-21-8	3
3	Acetaldehyde	44	C2H4O	000075-07-0	3
4	Ethyne, fluoro-	44	C2HF	002713-09-9	3





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0402\5847.D Vial: 21
Acq On : 4 Apr 2002 5:48 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: LSCINT.P

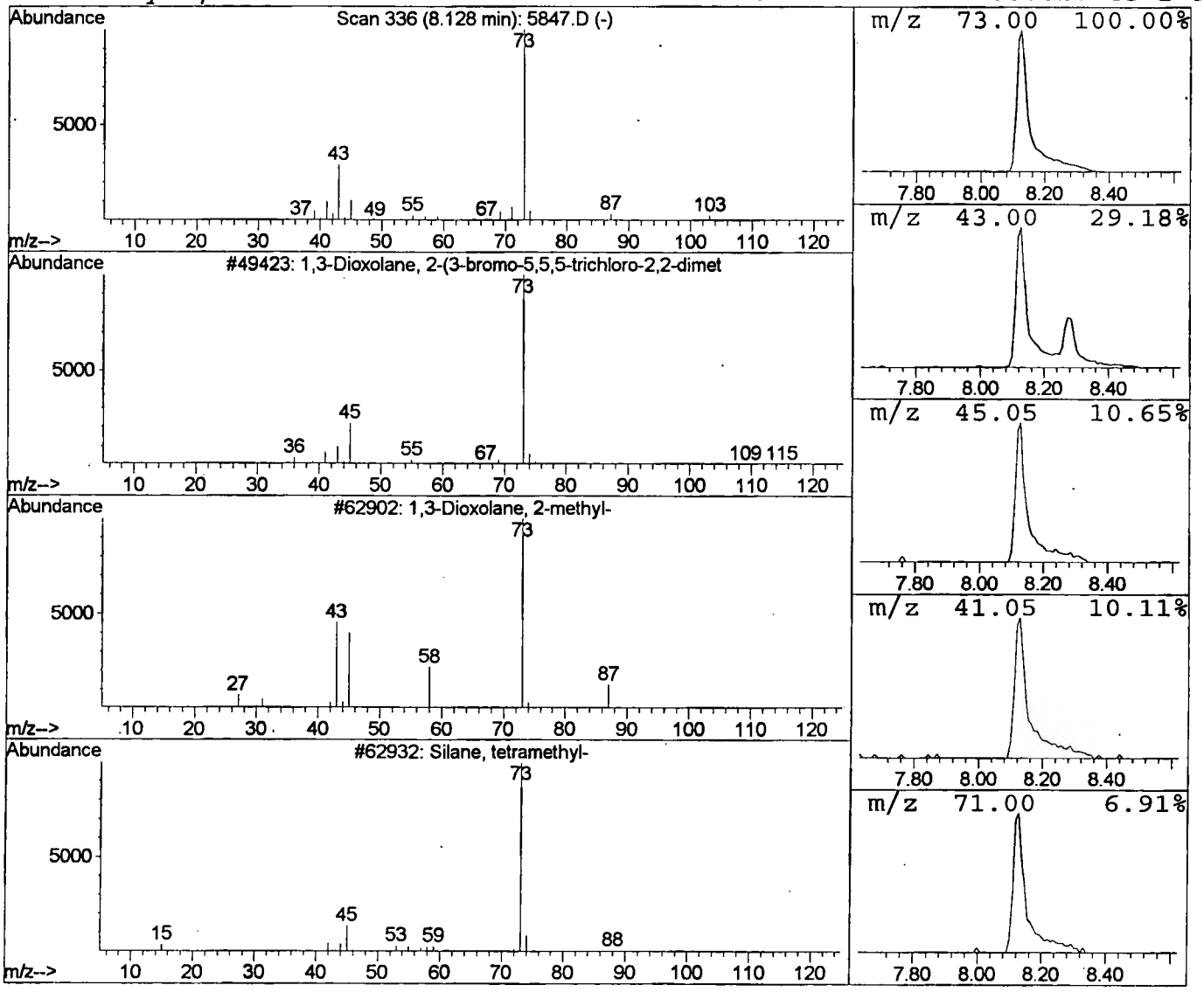
Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1,3-Dioxolane, 2-(3-bromo-5,5, Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	8.01 ug/l	369520	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	17
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0402\5847.D
Acq On : 4 Apr 2002 5:48 pm
Sample : gc/ms scan 3/12
Misc :
MS Integration Params: LSCINT.P

Vial: 21
Operator:
Inst : GC/MS 209
Multiplr: 2.00

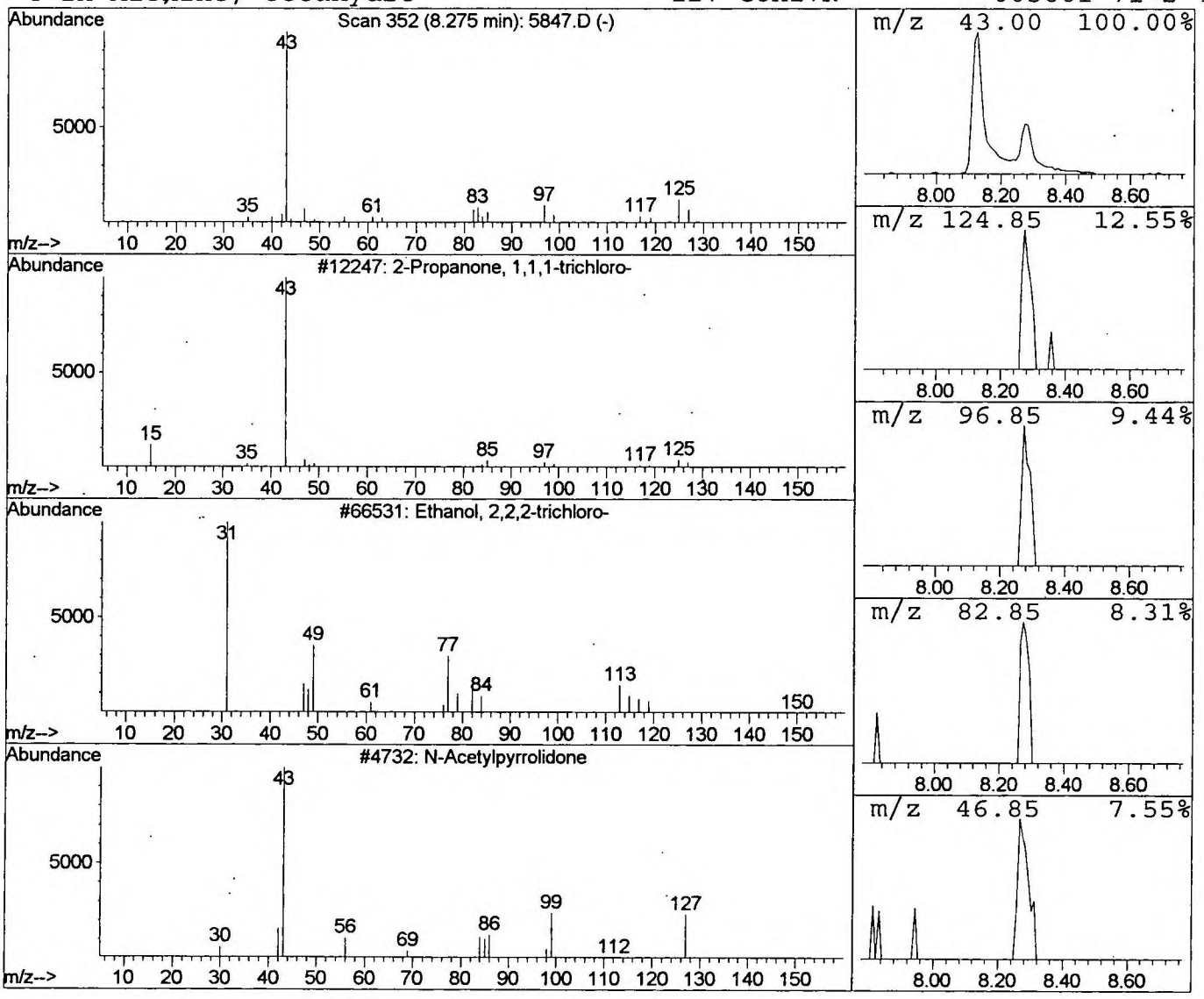
Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	1.00 ug/l	45963	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	56
2	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9
3	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	7
4	1H-Azonine, octahydro-	127	C8H17N	005661-71-2	4



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 4 Apr 2002 5:48 pm
Data File: C:\HPCHEM\1\DATA\APR0402\5847.D
Name: gc/ms scan 3/12
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0408.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
Carbon dioxide	7.76	0.6	ug/l	29289	ISTD01	12.25	1845910	20.0
1,3-Dioxolane, 2-(3-	8.13	8.0	ug/l	369520	ISTD01	12.25	1845910	20.0
2-Propanone, 1,1,1-t	8.27	1.0	ug/l	45963	ISTD01	12.25	1845910	20.0

5847.D GCMS0408.M Tue Apr 16 08:17:10 2002