User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/24/2002 Time: 15:50:04

Sample: AD30489
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/24/02 15:49 Ended: 1/24/02 15:49 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		109		5.0

Comments for Sample AD30489 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-24-2002 Time: 15:50:28

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 4 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\30489.D Vial: 11
Acq On : 31 Dec 2001 8:42 pm Operator: 209 GALOS
Sample : gcms scan 12/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 31 21:31 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.68	152	815953	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	3157188	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1605863	20.00	ug/l	-0.01
29) Phenanthrene-d10	24.98	188	2282984	20.00	ug/l	-0.01
38) Chrysene-d12	33.02	240	1294790	20.00	ug/l	-0.01
44) Perylene-d12	37.12	264	706941	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	136305	5.43	ug/mL	0.00
Spiked Amount 5.000			Recovery = 108.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.24	74	943	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	15.33	128	358	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.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	20.87	165	1505	N.D.		
25) Diethylphthalate	22.17	149	568	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\30489.D Vial: 11
Acq On : 31 Dec 2001 8:42 pm Operator: 209 GALOS
Sample : gcms scan 12/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 31 21:31 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	24.99	178	637	N.D.	
34) Anthracene	24.99	178	637	N.D.	
35) Di-n-butylphthalate	27.05	149	4327	N.D.	
36) 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	33.03	228	3112	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.31	149	2985	N.D.	
43) Chrysene	33.03	228	3112	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	37.13	252	2832	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.	

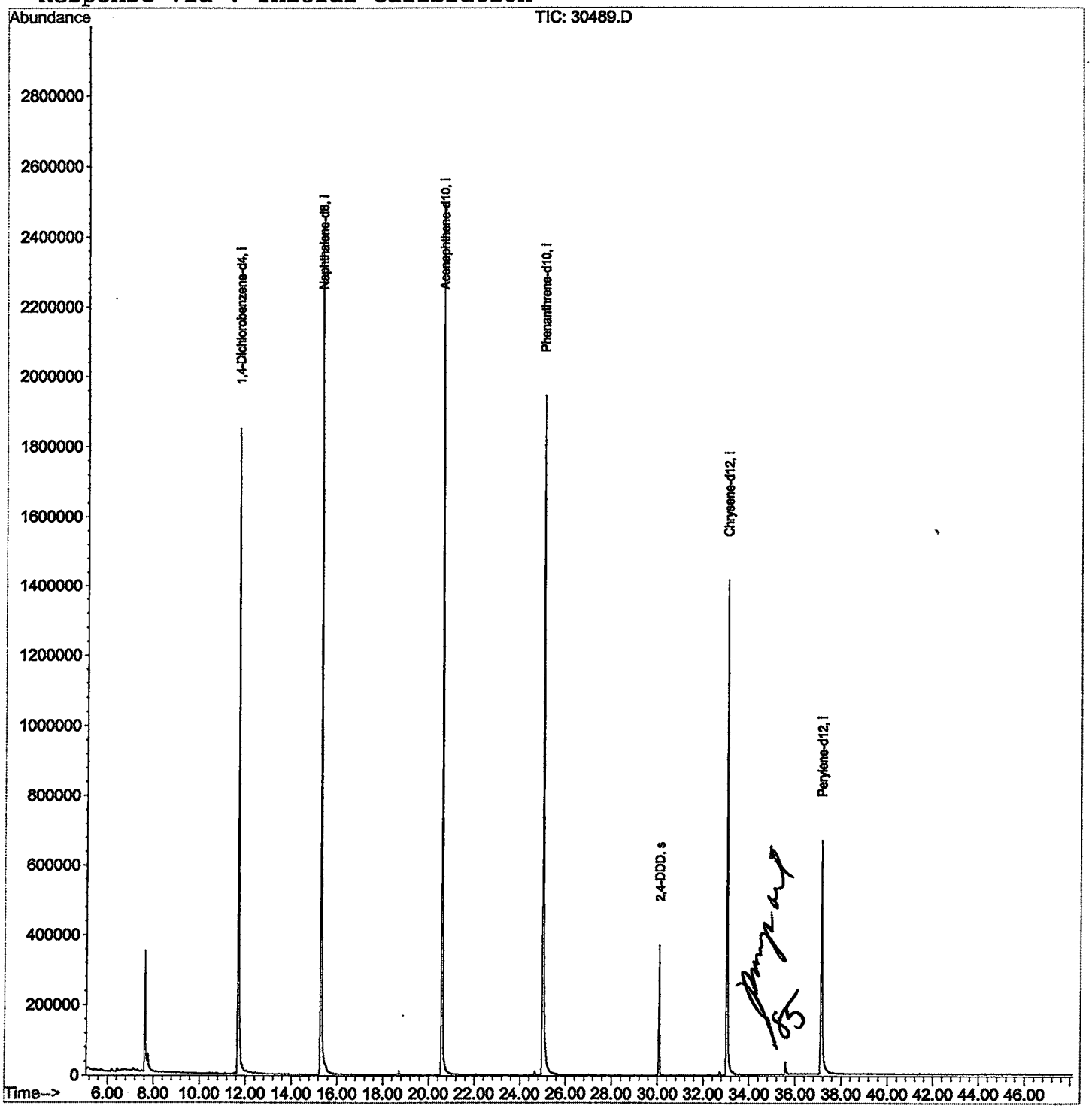
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30489.D
Acq On : 31 Dec 2001 8:42 pm
Sample : gcms scan 12/14
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 31 21:31 2001

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30489.D Vial: 11
Acq On : 31 Dec 2001 8:42 pm Operator: 209 GALOS
Sample : gcms scan 12/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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

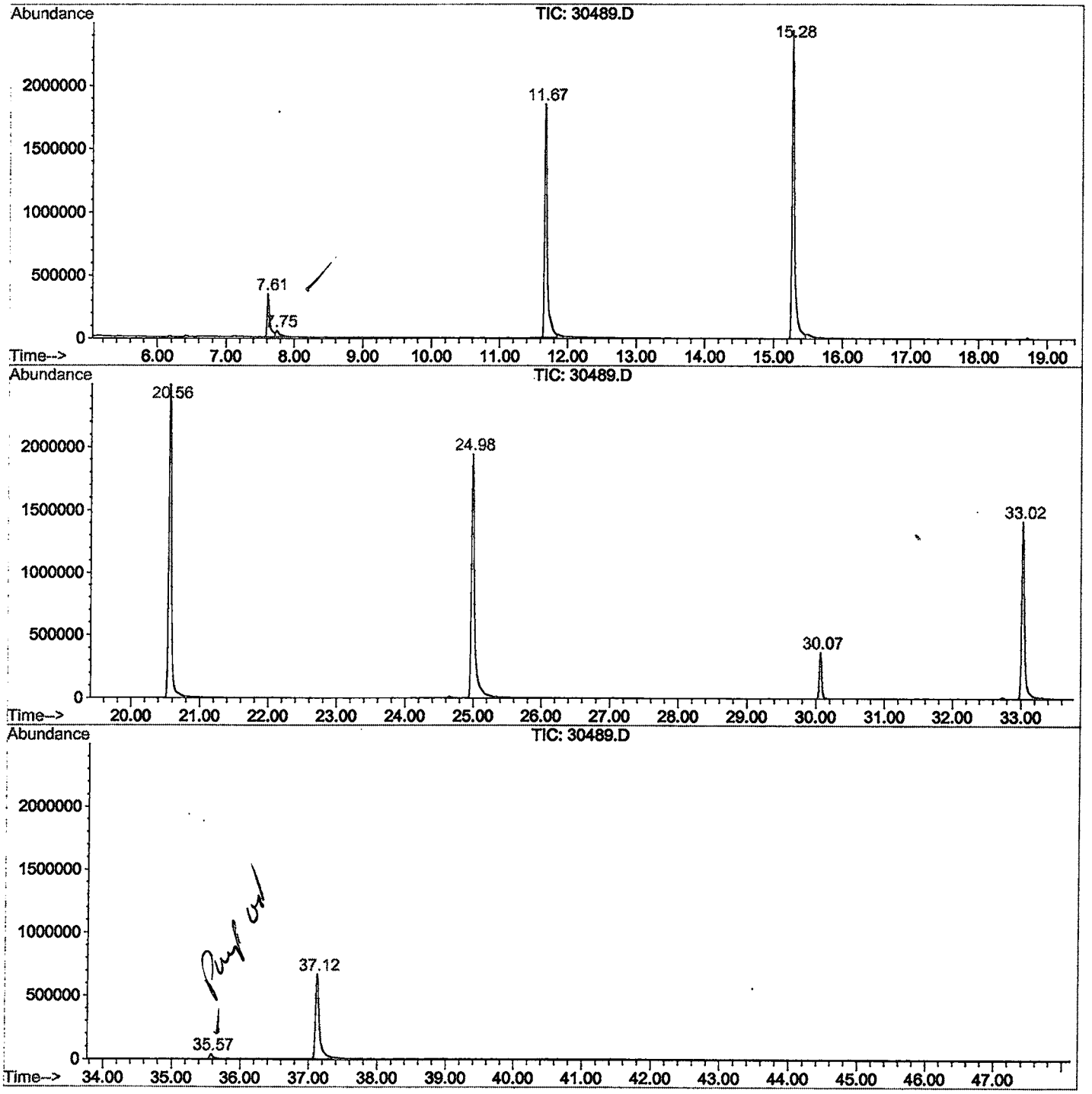
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.611	276	280	292	rBV	343231	915577	13.62%	2.770%
2	7.749	292	295	316	rVB2	49401	200763	2.99%	0.607%
3	11.669	718	722	741	rBV	1843975	4966911	73.87%	15.026%
4	15.277	1110	1115	1135	rBV	2431862	6235375	92.73%	18.864%
5	20.556	1684	1690	1714	rBV	2496433	6724161	100.00%	20.342%
6	24.980	2166	2172	2208	rBV2	1943210	6322868	94.03%	19.128%
7	30.066	2720	2726	2738	rBV	367976	854566	12.71%	2.585%
8	33.022	3041	3048	3071	rBV2	1414116	4155827	61.80%	12.572%
9	35.574	3321	3326	3334	rBV2	36283	116317	1.73%	0.352%
10	37.117	3487	3494	3519	rBV2	664545	2562807	38.11%	7.753%

Sum of corrected areas: 33055172

30489.D GCMS1126.M Wed Jan 16 08:27:02 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\30489.D
Operator : 209 GALOS
Acquired : 31 Dec 2001 8:42 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/14
Misc Info :
Vial Number: 11
Quant File :GCMS1126.RES (RTE Integrator)



30489.D GCMS1126.M Wed Jan 16 08:27:08 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30489.D
Acq On : 31 Dec 2001 8:42 pm
Sample : gcms scan 12/14
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

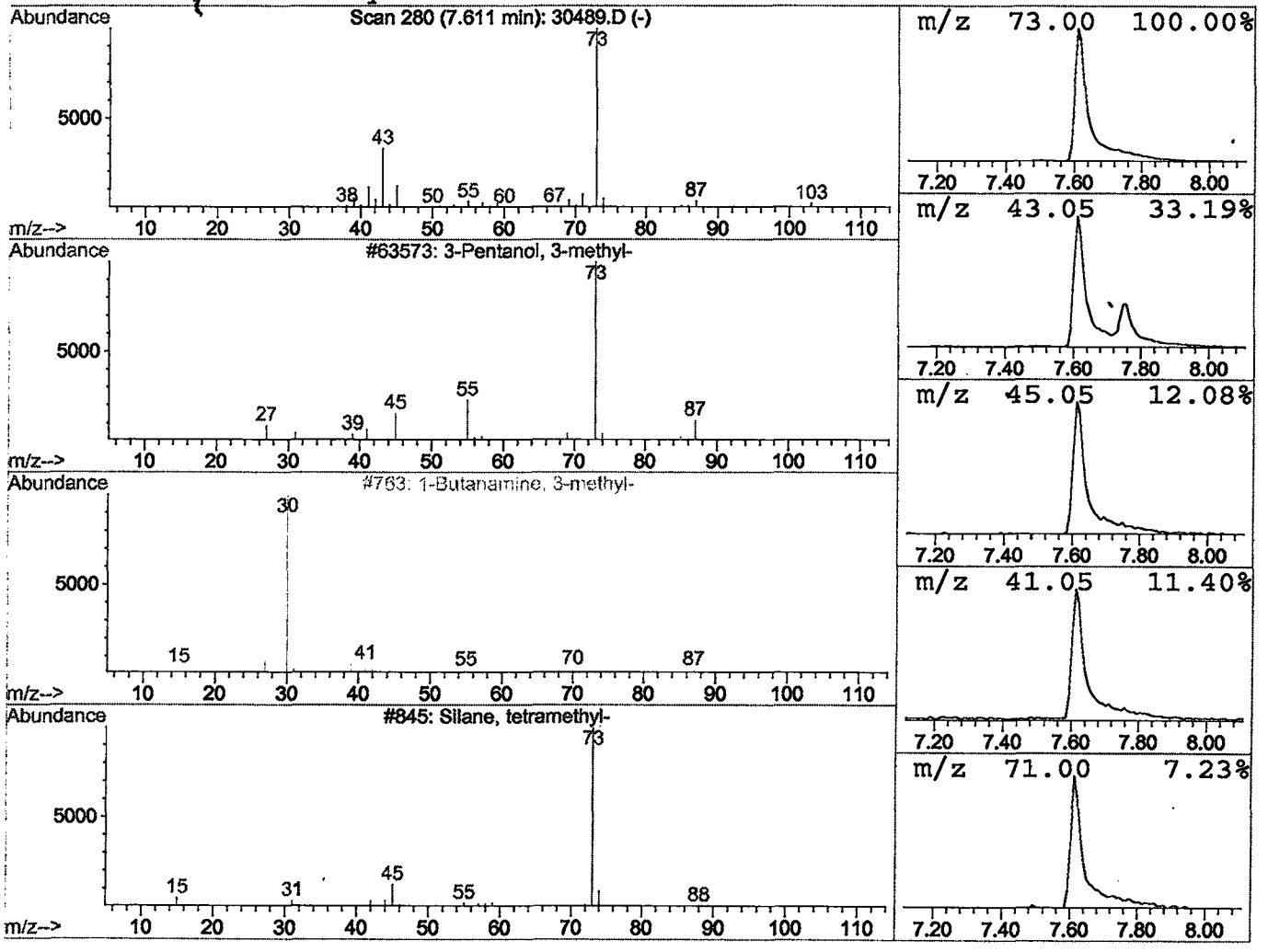
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	3.69 ug/l	915577	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30489.D
Acq On : 31 Dec 2001 8:42 pm
Sample : gcms scan 12/14
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

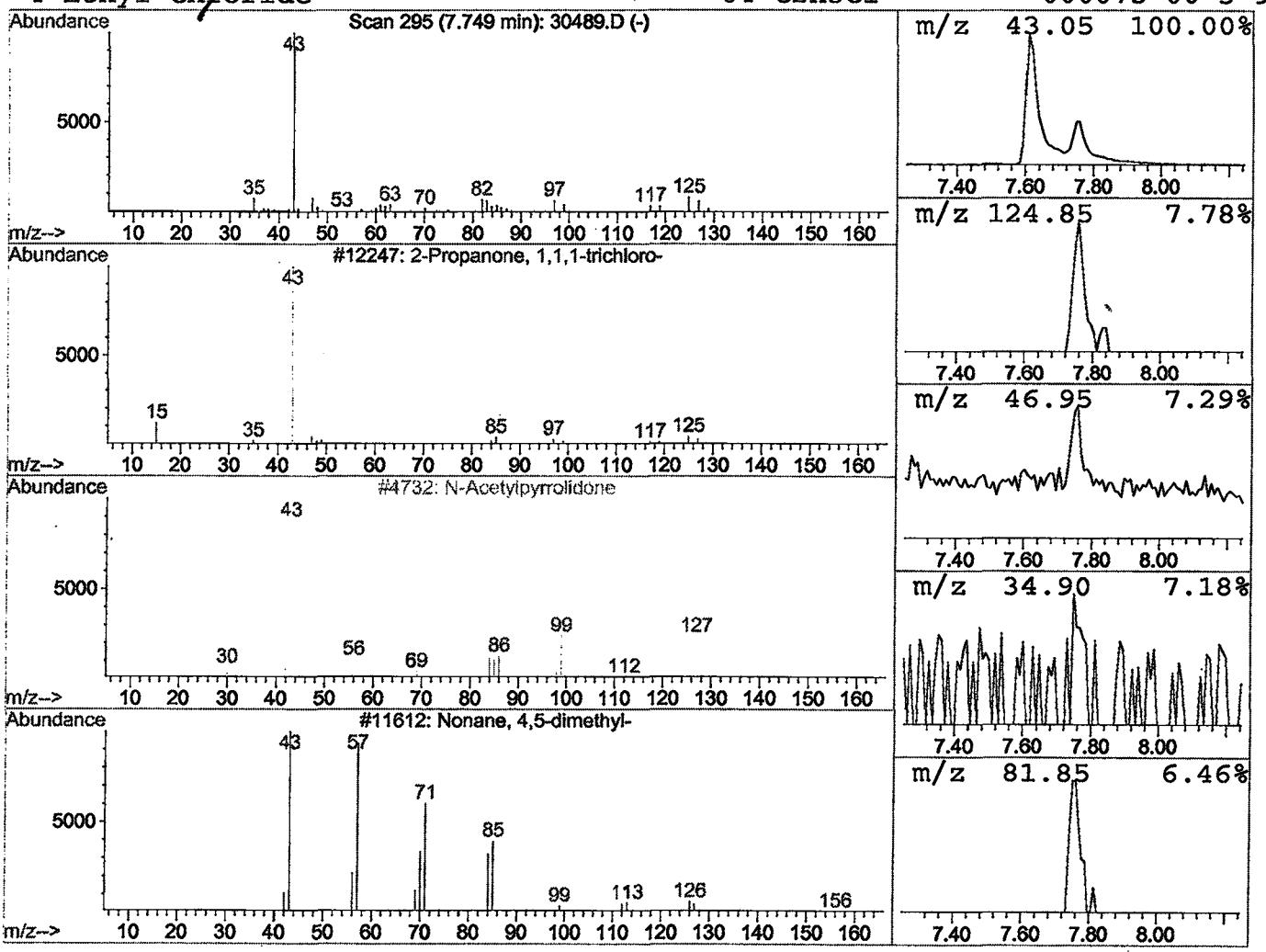
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	0.81 ug/l	200763	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	32
2	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	9
3	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	9
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30489.D
Acq On : 31 Dec 2001 8:42 pm
Sample : gcms scan 12/14
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

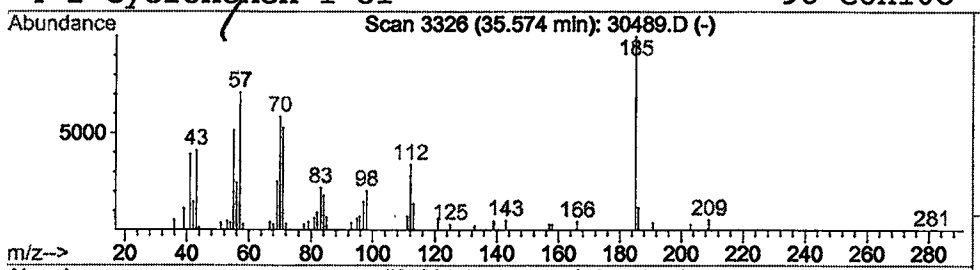
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

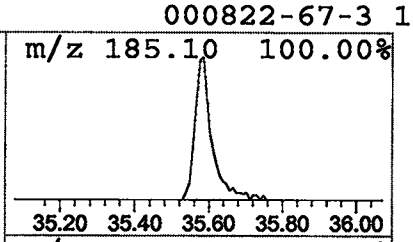
****

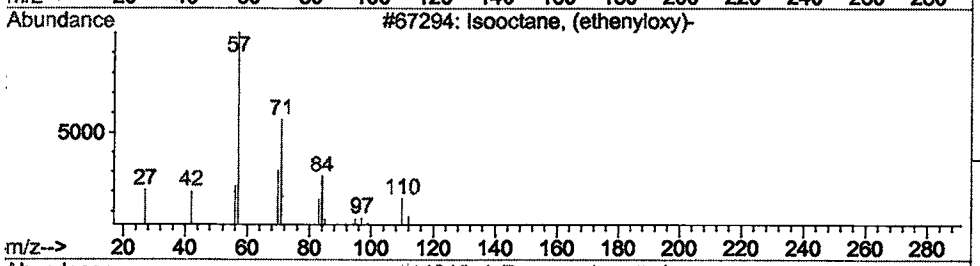
Peak Number 3 Isooctane, (ethenyloxy)- Concentration Rank 2

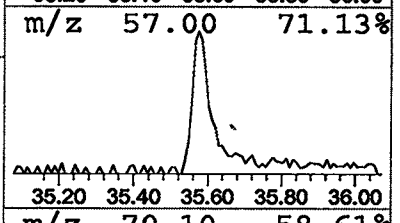
R.T.	EstConc	Area	Relative to ISTD	R.T.
35.57	0.91 ug/l	116317	Perylene-d12	37.12

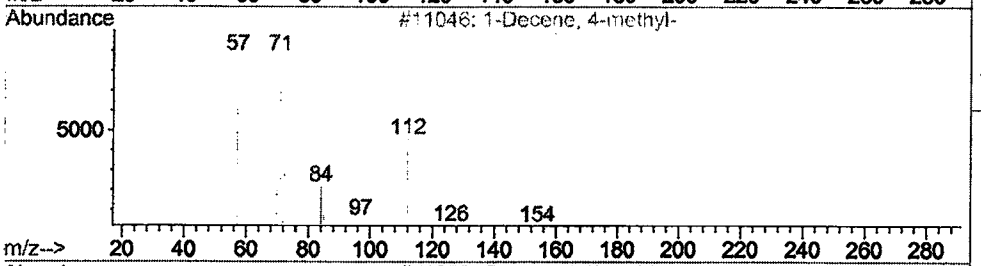
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isooctane, (ethenyloxy)-	156	C10H20O	037769-62-3	22
2	1-Decene, 4-methyl-	154	C11H22	013151-29-6	22
3	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	14
4	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	14

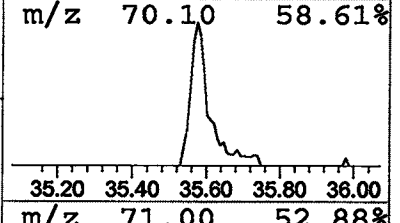


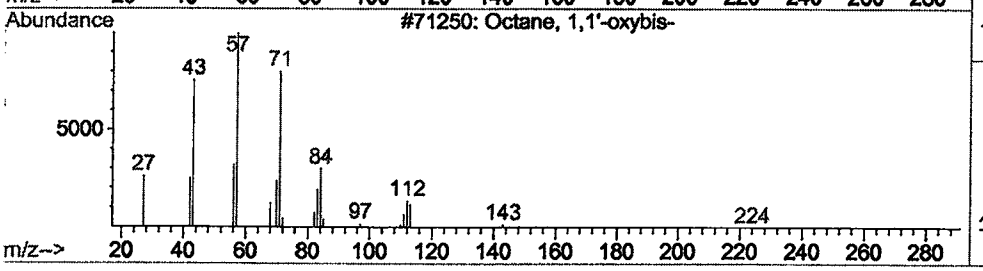


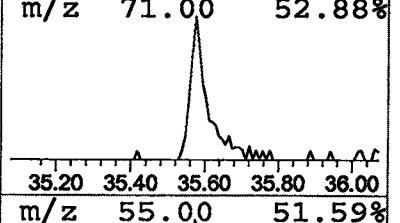


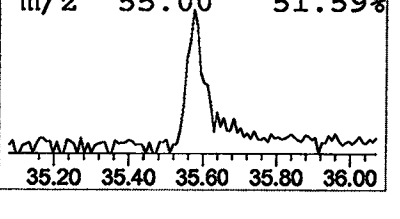












Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 31 Dec 2001 8:42 pm
Data File: C:\HPCHEM\1\DATA\DEC3101\30489.D
Name: gcms scan 12/14
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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
3-Pentanol, 3-methyl	7.61	3.7	ug/l	915577	ISTD01	11.68	4966910	20.0
2-Propanone, 1,1,1-t	7.75	0.8	ug/l	200763	ISTD01	11.68	4966910	20.0
Isooctane, (ethenylo	35.57	0.9	ug/l	116317	ISTD06	37.12	2562810	20.0

30489.D GCMS1126.M Wed Jan 16 08:27:27 2002