User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/26/2002 Time: 16:05:54

Sample: AE01037
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/26/02 16:05 Ended: 2/26/02 16:05 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2					

Comments for Sample AE01037 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-26-2002 Time: 16:06:04

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recovery for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

Data File : C:\HPCHEM\1\DATA\FEB1102\1037.D Vial: 25
Acq On : 12 Feb 2002 9:32 am Operator: 209 GALOS
Sample : GC/MS SCAN 1/15 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 19 10:14 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.35	152	280013	20.00	ug/l	0.00
10) Naphthalene-d8	15.99	136	1078242	20.00	ug/l	-0.01
17) Acenaphthene-d10	21.30	164	578903	20.00	ug/l	-0.01
29) Phenanthrene-d10	25.75	188	843133	20.00	ug/l	-0.01
38) Chrysene-d12	33.82	240	599241	20.00	ug/l	-0.02
44) Perylene-d12	38.11	264	387599	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.83	235	56625	6.69	ug/mL	0.33
Spiked Amount 5.000			Recovery = 133.80%			
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	13.56	77	203	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	16.04	128	787	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	0.00	165	0	N.D.		
25) Diethylphthalate	22.77	149	521	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)

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Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 19 10:14 2002 Quant Results File: GCMS0208.RES

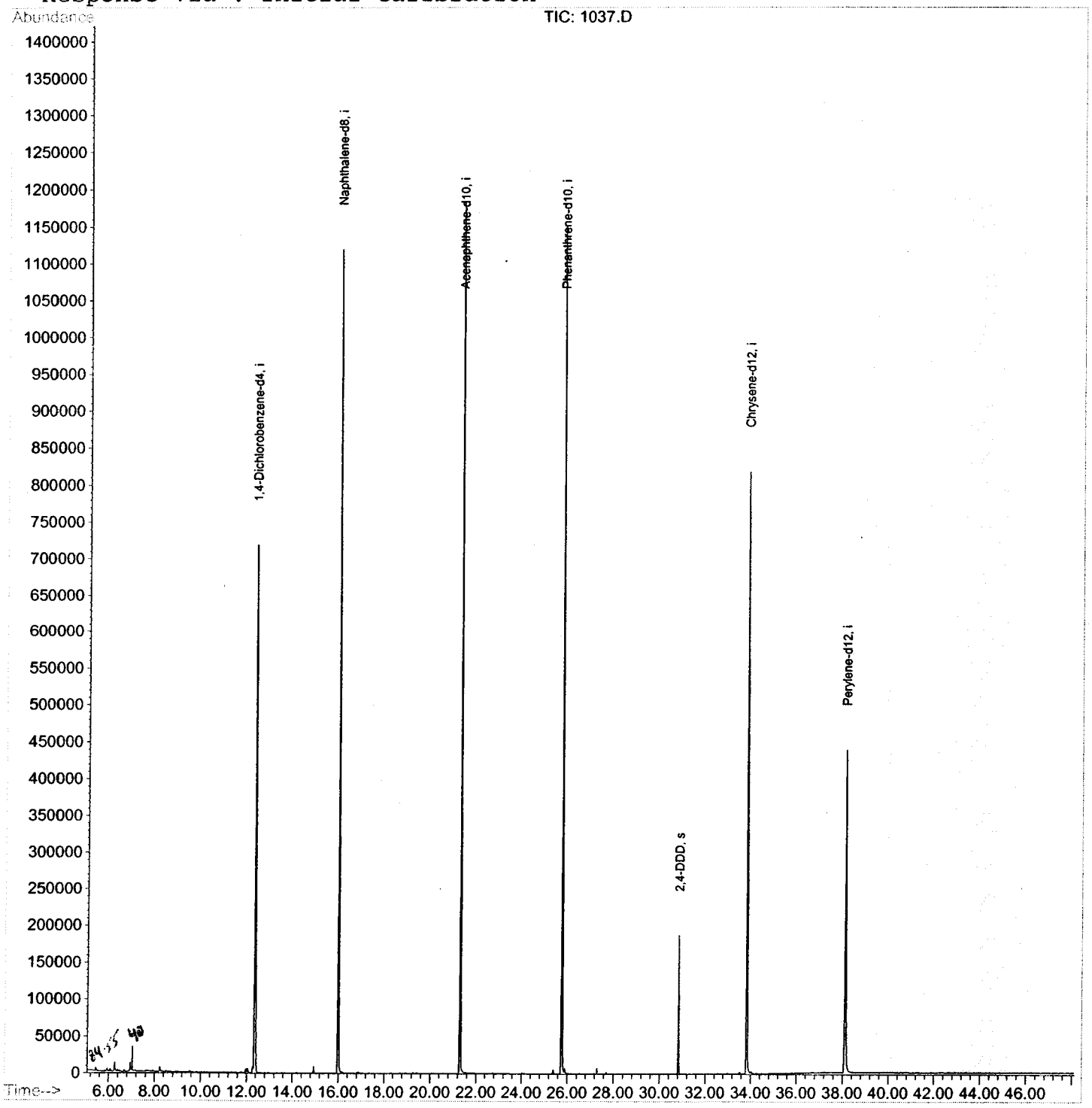
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

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	25.75	178	200	N.D.	
34) Anthracene	25.75	178	200	N.D.	
35) Di-n-butylphthalate	27.72	149	3806	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	33.82	228	1489	N.D.	
42) Bis(2-ethylhexyl)phthalate	34.03	149	2230	N.D.	
43) Chrysene	33.82	228	1489	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	38.11	252	1436	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
1037.D GCMS0208.M Tue Feb 19 10:15:06 2002 Page 2

Data File : C:\HPCHEM\1\DATA\FEB1102\1037.D Vial: 25
Acq On : 12 Feb 2002 9:32 am Operator: 209 GALOS
Sample : GC/MS SCAN 1/15 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 19 10:14 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\FEB1102\1037.D Vial: 25
Acq On : 12 Feb 2002 9:32 am Operator: 209 GALOS
Sample : GC/MS SCAN 1/15 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.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

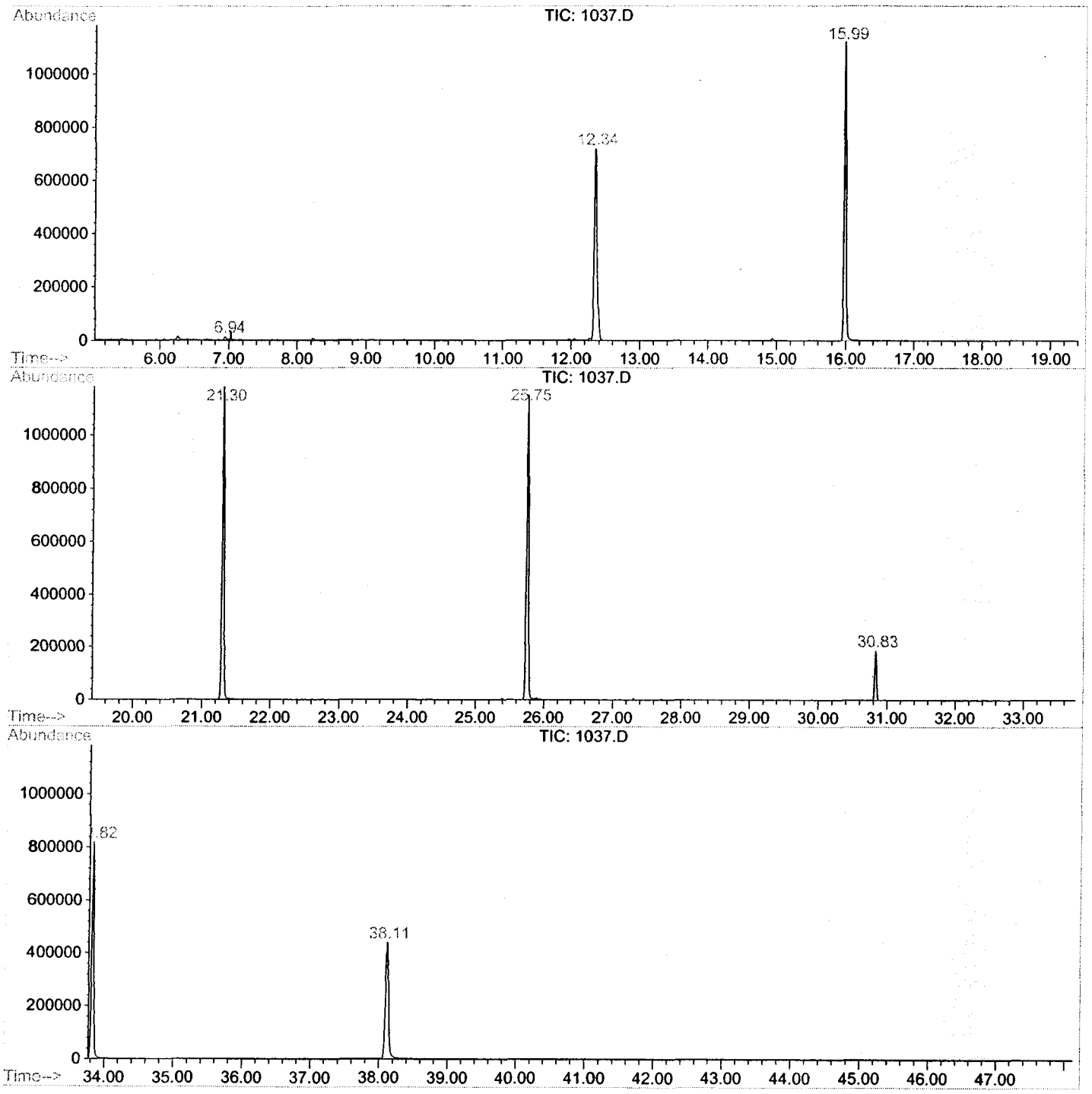
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.944	203	207	211	rBV3	11954	25168	1.05%	0.204%
2	12.342	790	795	808	rVB	718123	1812384	75.74%	14.719%
3	15.987	1186	1192	1206	rBV	1119545	2235910	93.43%	18.159%
4	21.302	1765	1771	1787	rBV	1184185	2393024	100.00%	19.434%
5	25.755	2249	2256	2267	rBV2	1152357	2345239	98.00%	19.046%
6	30.831	2804	2809	2816	rVB	187627	346365	14.47%	2.813%
7	33.824	3127	3135	3146	rBV2	818760	1821502	76.12%	14.793%
8	38.111	3594	3602	3617	rBV2	438223	1333695	55.73%	10.831%

Sum of corrected areas: 12313287

1037.D GCMS0208.M Tue Feb 19 10:31:49 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1102\1037.D
Operator : 209 GALOS
Acquired : 12 Feb 2002 9:32 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 1/15
Misc Info :
Vial Number: 25
Quant File :GCMS0208.RES (RTE Integrator)



1037.D GCMS0208.M Tue Feb 19 10:31:55 2002

Data File : C:\HPCHEM\1\DATA\FEB1102\1037.D
Acq On : 12 Feb 2002 9:32 am
Sample : GC/MS SCAN 1/15
Misc :
MS Integration Params: LSCINT.P

Vial: 25
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

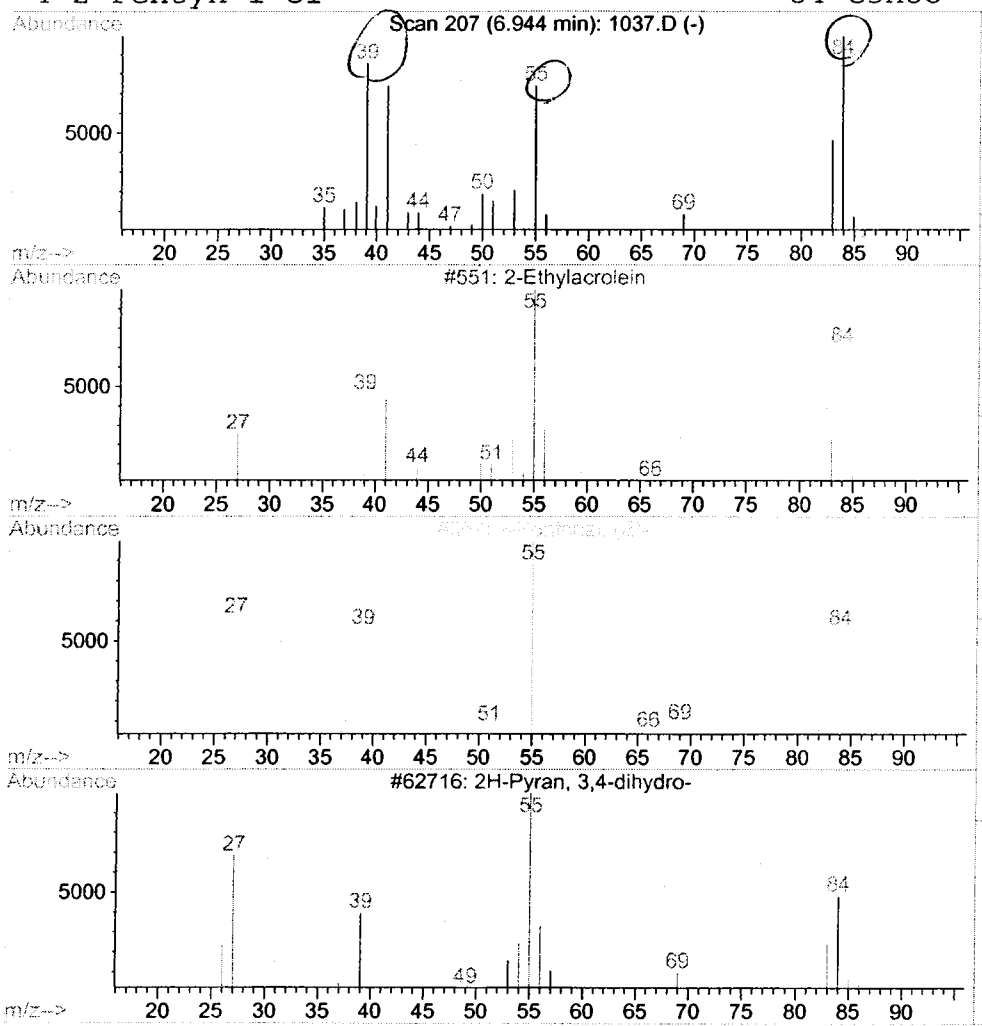
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

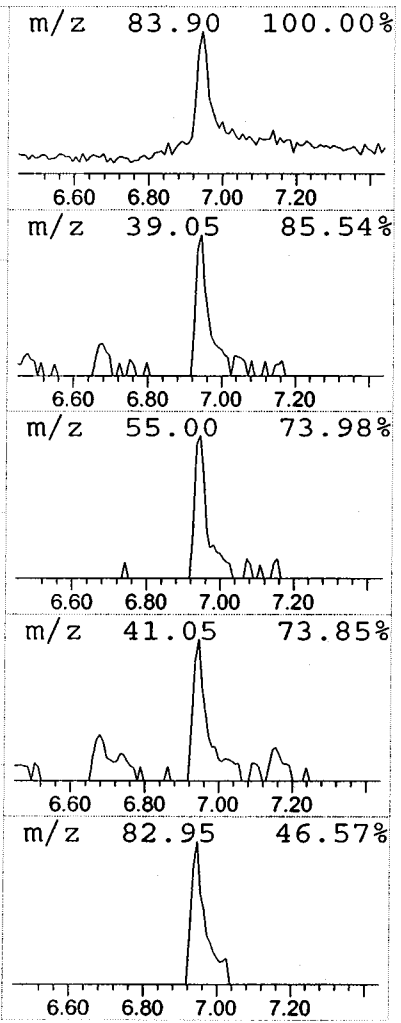
****

Peak Number 1 2-Ethylacrolein Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	0.28 ug/l	25168	1,4-Dichlorobenzene-d4	12.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylacrolein	84	C5H8O	000922-63-4	72
2	2-Pentenal, (E)-	84	C5H8O	001576-87-0	64
3	2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	56
4	2-Pentyn-1-ol	84	C5H8O	006261-22-9	45





Tentatively Identified Compound (TIC) summary

Operator ID: 209 GALOS Date Acquired: 12 Feb 2002 9:32 am
Data File: C:\HPCHEM\1\DATA\FEB1102\1037.D
Name: GC/MS SCAN 1/15
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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-Ethylacrolein	6.94	0.3	ug/l	25168	ISTD01	12.35	1812380	20.0

1037.D GCMS0208.M Tue Feb 19 10:32:04 2002