User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/22/2002 Time: 14:43:44

Sample: AE08213
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/22/02 14:43 Ended: 4/22/02 14:43 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		71		10.0

Comments for Sample AE08213 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-22-2002 Time: 14:44:59

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\APR1702\8213.D Vial: 24
Acq On : 18 Apr 2002 6:41 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 18 14:06 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.22	152	455784	20.00	ug/l	-0.02
10) Naphthalene-d8	15.84	136	1649419	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	916358	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1336133	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	810089	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	510226	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.29	209	32660	7.11	ug/L	-0.04
Spiked Amount 10.000			Recovery = 71.10%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
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	14.26	82	157	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	15.90	128	335	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	22.63	149	189	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

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Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

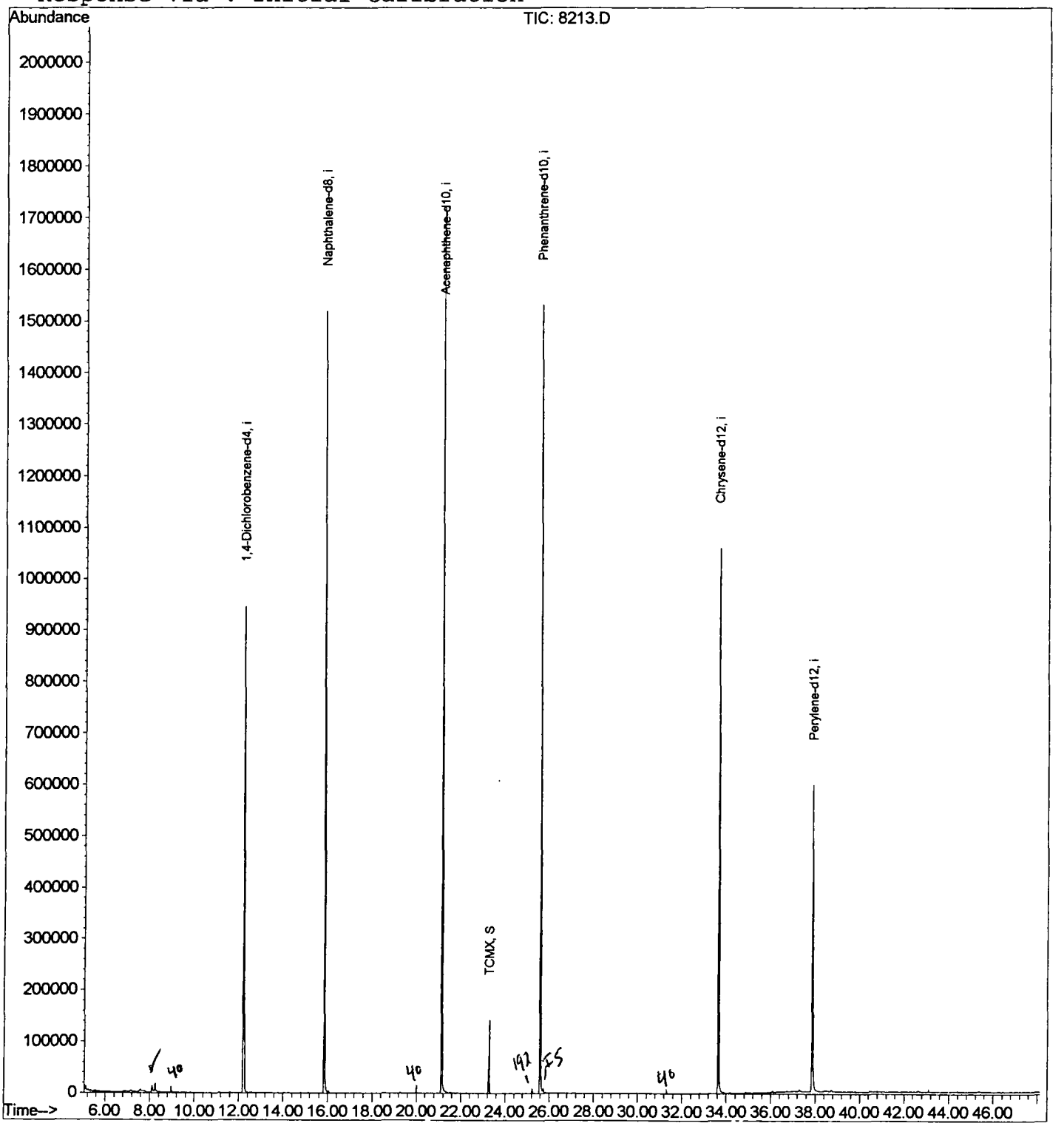
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.59	178	376	N.D.	
35)	Anthracene	25.59	178	376	N.D.	
36)	Di-n-butylphthalate	27.56	149	684	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.63	228	1917	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.84	149	475	N.D.	
44)	Chrysene	33.63	228	1917	N.D.	
46)	Di-n-Octylphthalate	0.00	149	0	N.D.	
47)	Benzo(b)fluoranthene	36.75	252	222	N.D.	
48)	Benzo(k)fluoranthene	36.75	252	222	N.D.	
49)	Benzo(a)pyrene	37.87	252	1984	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\APR1702\8213.D Vial: 24
Acq On : 18 Apr 2002 6:41 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 18 14:06 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1702\8213.D Vial: 24
Acq On : 18 Apr 2002 6:41 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0412.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

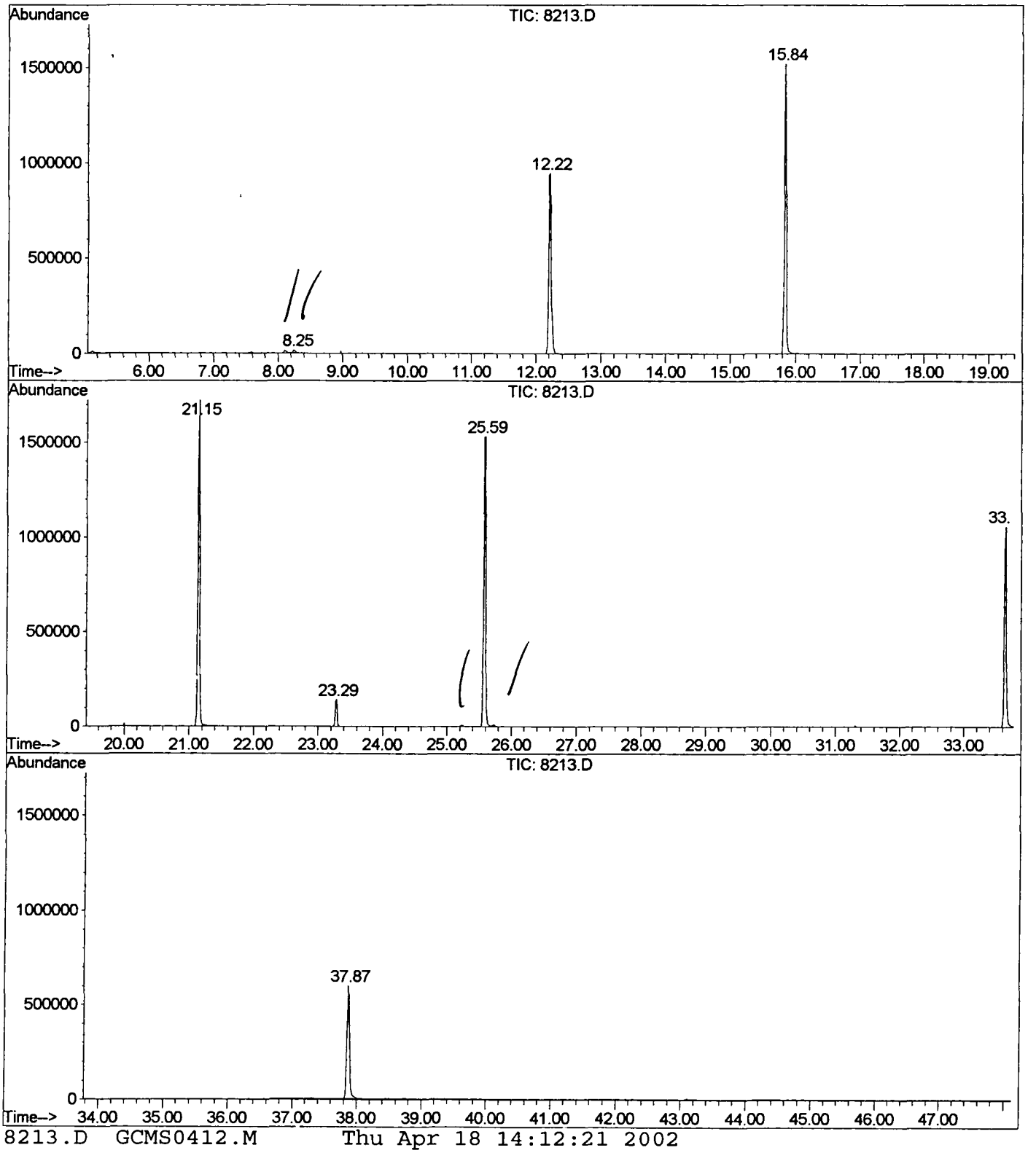
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.250	345	349	362	rVB	16413	37691	1.10%	0.226%
2	12.216	775	781	802	rBV	946169	2440429	70.99%	14.650%
3	15.842	1170	1176	1193	rBV	1519981	3091241	89.92%	18.557%
4	21.148	1748	1754	1768	rBV	1723255	3437861	100.00%	20.638%
5	23.287	1978	1987	1993	rBV	142431	282687	8.22%	1.697%
6	25.591	2231	2238	2249	rBV2	1531535	3347488	97.37%	20.095%
7	33.642	3108	3115	3130	rBV	1061242	2324084	67.60%	13.952%
8	37.865	3568	3575	3593	rBV2	595515	1696704	49.35%	10.185%

Sum of corrected areas: 16658185

8213.D GCMS0412.M Thu Apr 18 14:12:20 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1702\8213.D
Operator :
Acquired : 18 Apr 2002 6:41 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/8
Misc Info :
Vial Number: 24
Quant File :GCMS0412.RES (RTE Integrator)



8213.D GCMS0412.M Thu Apr 18 14:12:21 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\8213.D Vial: 24
Acq On : 18 Apr 2002 6:41 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

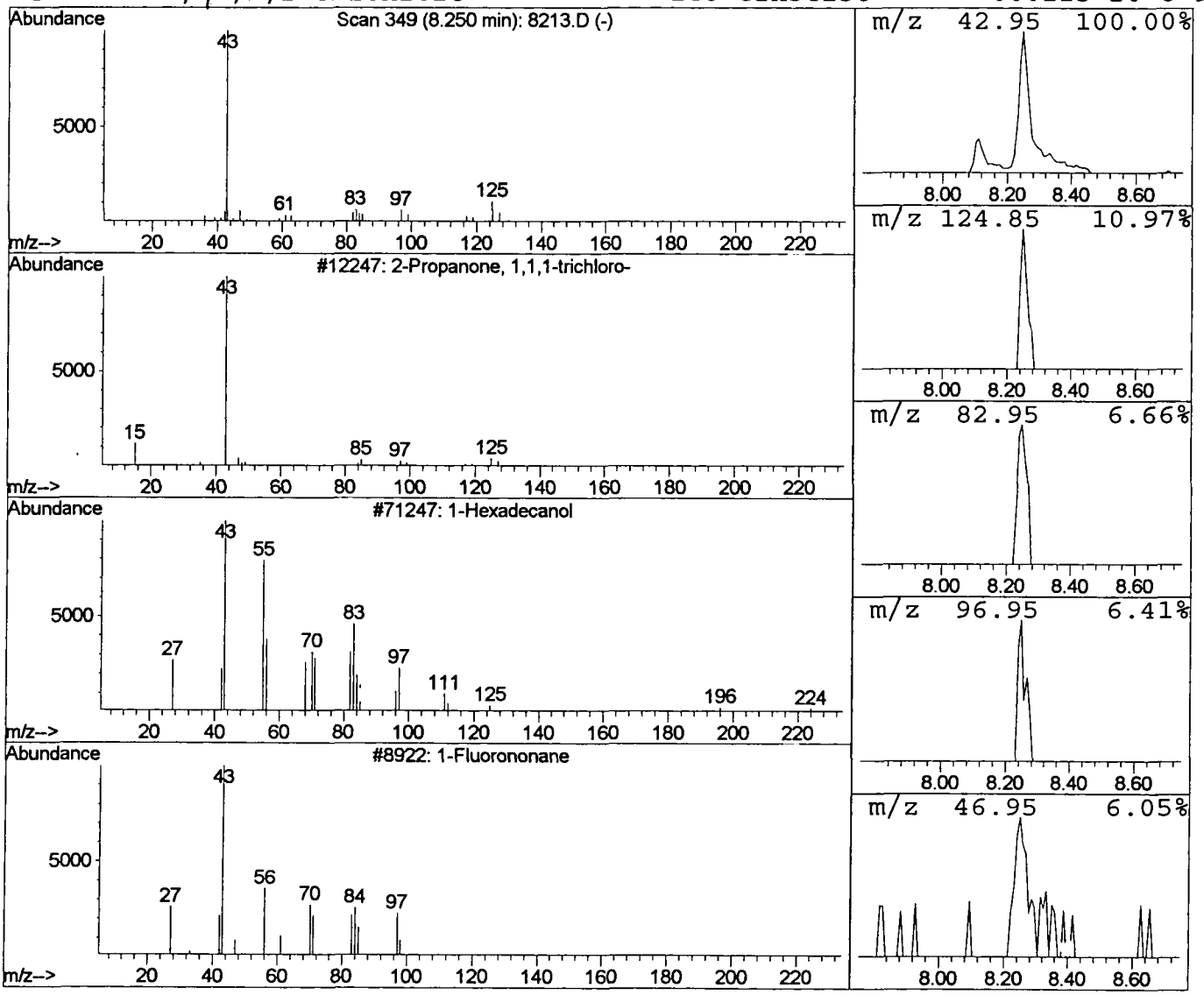
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	0.31 ug/l	37691	1,4-Dichlorobenzene-d4	12.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	23
2	1-Hexadecanol	242	C16H34O	036653-82-4	9
3	1-Fluorononane	146	C9H19F	000463-18-3	9
4	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 18 Apr 2002 6:41 am
Data File: C:\HPCHEM\1\DATA\APR1702\8213.D
Name: gc/ms scan 4/8
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.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-Propanone, 1,1,1-~~t	8.25	0.3	ug/l	37691	ISTD01	12.22	2440430	20.0

8213.D GCMS0412.M Thu Apr 18 14:12:22 2002