User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:18:44

Sample: AE10023
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 4/30/02 11:03 Ended: 4/30/02 11:03 Analyst: BH
Result source: a:\0430b1.rr
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		4.9
2	Surr - 4-BROMOFLUOROBENZ		5.2
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		< MDL
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		< MDL
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		< MDL
16	2,2-DICHLOROPROPANE		< MDL
17	CIS,1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		< MDL
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		5.3
22	1,1,1-TRICHLOROETHANE		< MDL
23	1,1-DICHLOROPROPENE		< MDL
24	CARBON TETRACHLORIDE		< MDL
25	BENZENE		< MDL
26	TRICHLOROETHENE		< MDL
27	1,2-DICHLOROPROPANE		< MDL
28	DIBROMOMETHANE		< MDL
29	BROMODICHLOROMETHANE		< MDL
30	2-CHLOROETHYL VINYL ETHE		< MDL
31	MIBK		< MDL
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPE		< MDL
35	1,1,2-TRICHLOROETHANE		< MDL
36	TETRACHLOROETHENE		< MDL
37	1,3-DICHLOROPROPANE		< MDL
38	DIBROMOCHLOROMETHANE		< MDL
39	1,2-DIBROMOETHANE		< MDL
40	CHLOROBENZENE		< MDL
41	1,1,1,2-TETRACHLOROETHA		< MDL
42	2-HEXANONE		< MDL
43	ETHYLBENZENE		< MDL
44	P & M-XYLENE		< MDL
45	O-XYLENE		< MDL
46	STYRENE		< MDL
47	1,1,2,2-TETRACHLOROETHA		< MDL
48	BROMOFORM		< MDL

3.5-6.5

Reviewed by,
8/12/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:18:44

Sample: AE10023
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 4/30/02 11:03 Ended: 4/30/02 11:03 Analyst: BH
Result source: a:\0430b1.rr
Page: 2

	Component Name	Viol	Result
49	ISOPROPYLBENZENE		< MDL
50	1,2,3-TRICHLOROPROPANE		< MDL
51	N-PROPYLBENZENE		< MDL
52	BROMOBENZENE		< MDL
53	1,3,5-TRIMETHYLBENZENE		< MDL
54	2-CHLOROTOLUENE		< MDL
55	4-CHLOROTOLUENE		< MDL
56	TERT-BUTYLBENZENE		< MDL
57	1,2,4-TRIMETHYLBENZENE		< MDL
58	SEC-BUTYLBENZENE		< MDL
59	P-ISOROPYLTOLUENE		< MDL
60	1,3-DICHLOROBENZENE		< MDL
61	1,4-DICHLOROBENZENE		< MDL
62	N-BUTYLBENZENE		< MDL
63	1,2-DICHLOROBENZENE		< MDL
64	1,2-DIBROMO-3-CHLOROPRO		< MDL
65	1,2,4-TRICHLOROBENZENE		< MDL
66	HEXACHLOROBUTADIENE		< MDL
67	NAPHTHALENE		< MDL
68	1,2,3-TRICHLOROBENZENE		0.052 ≥MDL
69	ETHANOL		< MDL
70	NITROBENZENE		< MDL

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\0430B1.D Vial: 1
Acq On : 30 Apr 2002 11:03 am Operator:
Sample : lb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 14:13:13 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

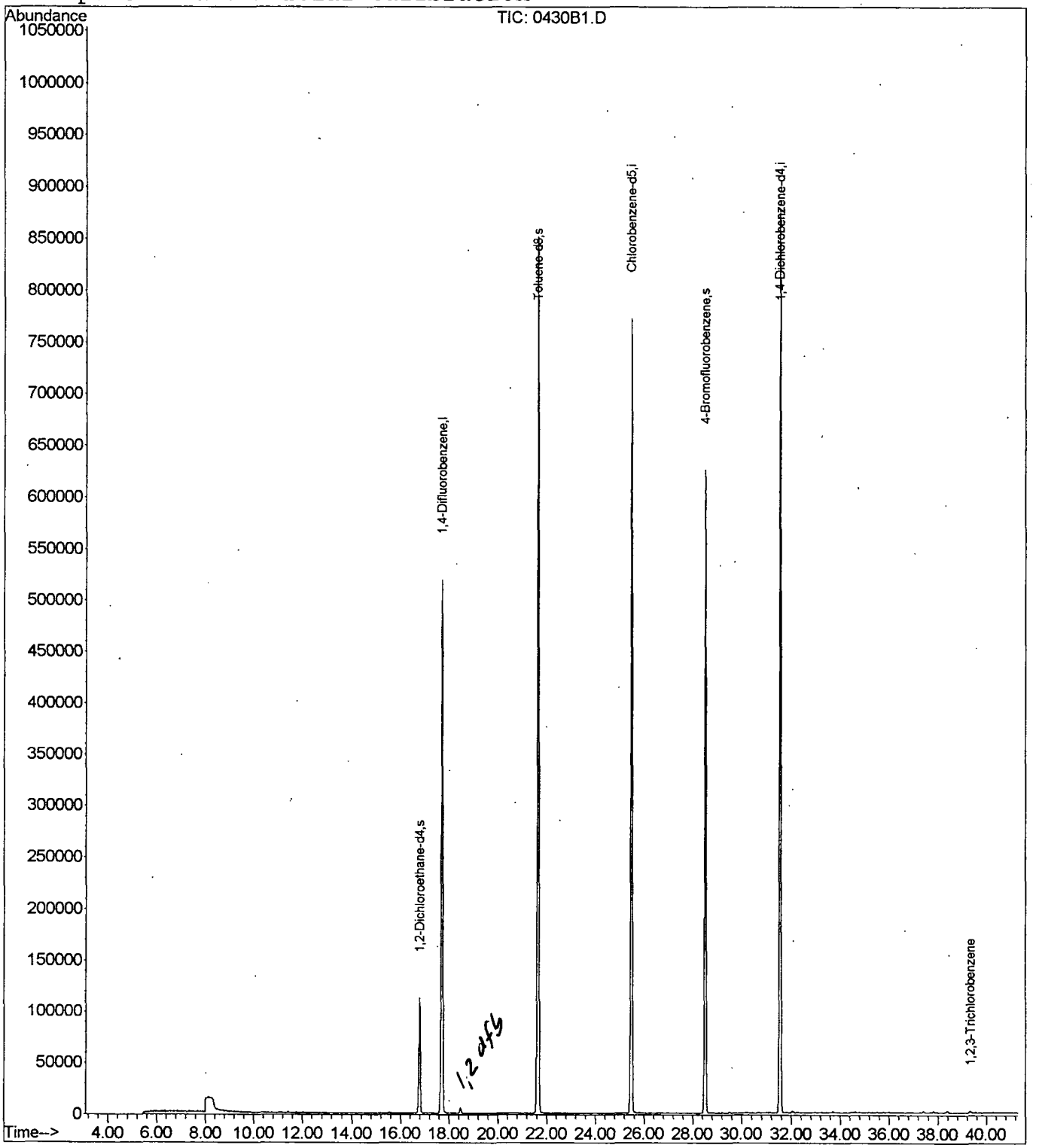
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	977584	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	1046822	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	871356	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.79	65	173922	4.89	ug/L	0.03
Spiked Amount 5.000			Recovery = 97.80%			
17) Toluene-d8	21.63	98	1395571	5.32	ug/L	0.02
Spiked Amount 5.000			Recovery = 106.40%			
54) 4-Bromofluorobenzene	28.51	95	518640	5.22	ug/L	0.00
Spiked Amount 5.000			Recovery = 104.40%			
Target Compounds						Qvalue
74) 1,2,3-Trichlorobenzene	39.34	180	1539	0.05	ug/L	81

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\0430B1.D Vial: 1
Acq On : 30 Apr 2002 11:03 am Operator:
Sample : lb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 1 14:13 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\0430B1.D Vial: 1
Acq On : 30 Apr 2002 11:03 am Operator:
Sample : lb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

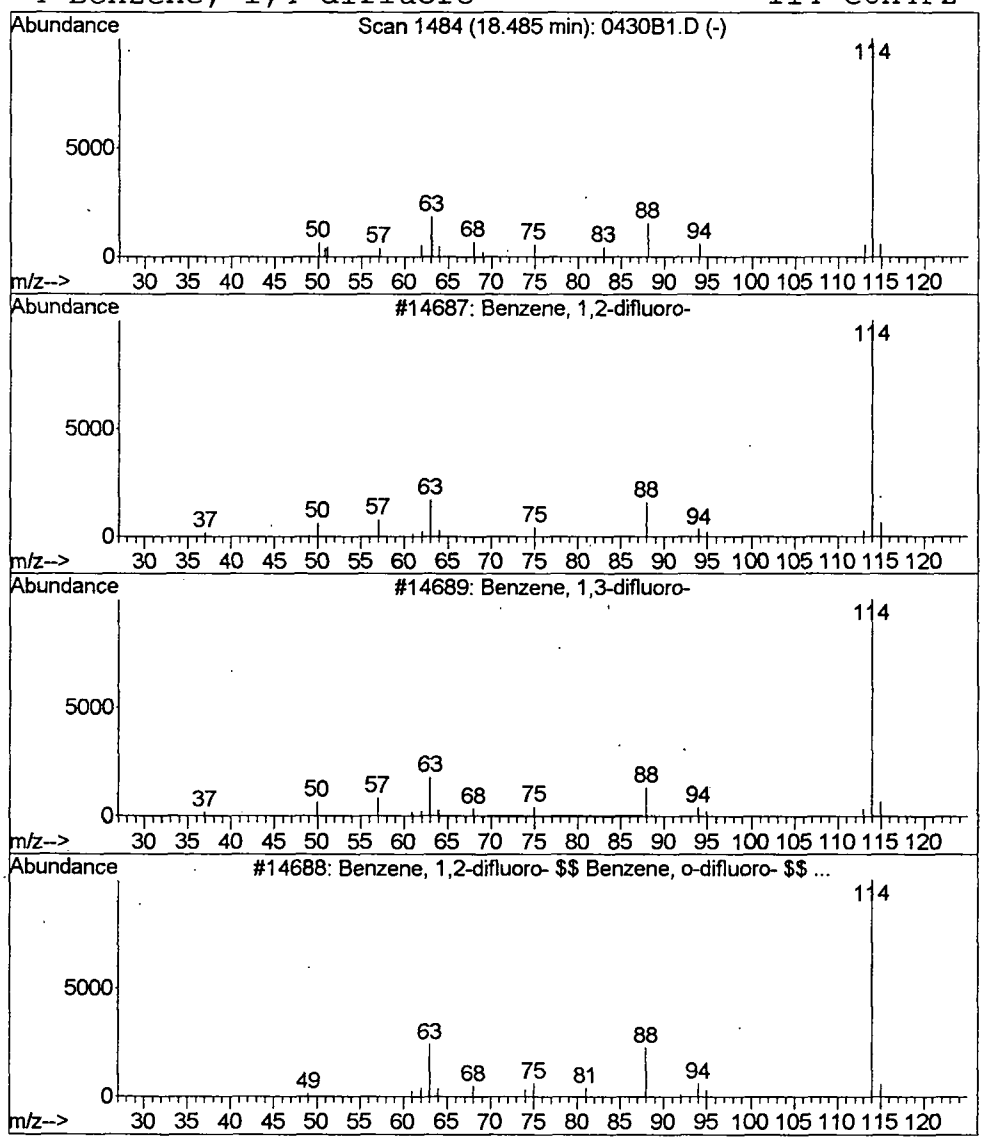
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

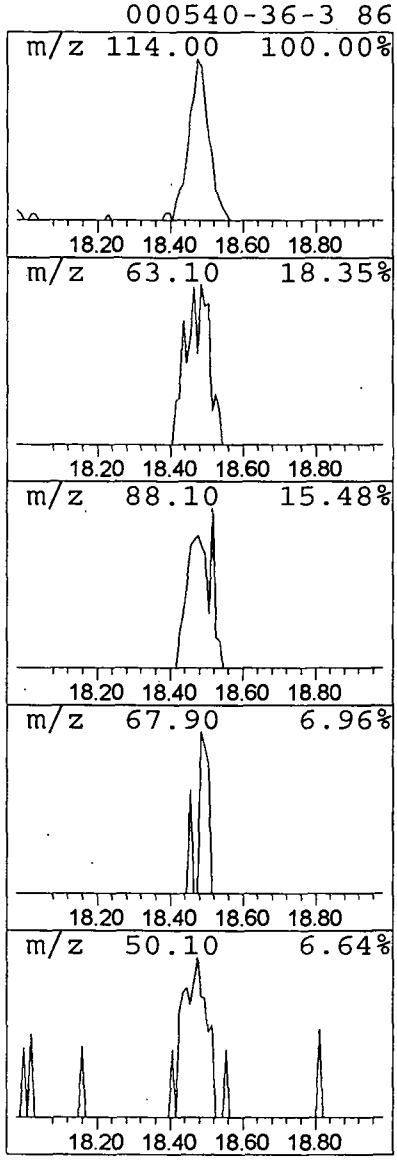
****

Peak Number 2 Benzene, 1,2-difluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.06 ug/L	24268	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	91
2	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	90
3	Benzene, 1,2-difluoro- $$ Benzen...	114	C6H4F2	000367-11-3	87
4	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	86





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:19:32

Sample: AE10023
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 4/30/02 11:55 Ended: 4/30/02 11:55 Analyst: BH
Result source: a:\0430c10.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.0		.5
2	Surr_4-BROMOFLUOROBENZE		4.9		.5
3	Dichlorodifluoromethane		10		.5
4	Chloromethane		8.8		.5
5	Vinyl chloride		9.4		.5
6	Bromomethane		9.7		.5
7	Chloroethane		8.4		.5
8	Trichlorofluoromethane		8.5		.5
9	1,1-Dichloroethene		8.8		.5
10	Methylene Chloride		9.4		.5
11	Methyl tert-butyl ether		8.7		1.0
12	trans-1,2-dichloroethene		9.1		.5
13	1,1-dichloroethane		9.0		.5
14	2-butanone (MEK)		37		2.0
15	2,2-dichloropropane		8.6		.5
16	cis-1,2-dichloroethene		9.2		.5
17	Chloroform		9.2		.5
18	Bromochloromethane		9.3		.5
19	1,2-dichloroethane		9.1		.5
20	Surr_TOLUENE-D8		5.0		.5
21	1,1,1- trichloroethane		8.7		.5
22	1,1-dichloropropene		8.9		.5
23	Carbon tetrachloride		8.7		.5
24	Benzene		9.3		.5
25	Trichloroethene		9.0		.5
26	1,2-dichloropropane		9.1		.5
27	Dibromomethane		9.4		.5
28	Bromodichloromethane		8.9		.5
29	Methyl iso-butyl ketone		41		1.0
30	cis-1,3-dichloropropene		9.3		.5
31	Toluene		9.7		.5
32	trans-1,3-dichloropropene		9.3		.5
33	1,1,2-trichloroethane		9.3		.5
34	Tetrachloroethene		9.3		.5
35	1,3-dichloropropane		9.3		.5
36	Dibromochloromethane		9.2		2.0
37	Chlorobenzene		9.6		.5
38	1,1,1,2-tetrachloroethane		9.5		.5
39	Ethylbenzene		9.7		.5
40	P & M-xylene		19		.5
41	O-xylene		9.9		.5
42	Styrene		10		.5
43	1,1,2,2-tetrachloroethane		9.1		.5
44	Bromoform		9.2		2.0
45	Isopropylbenzene		9.8		.5
46	1,2,3-trichloropropane		9.4		.5
47	N-propylbenzene		9.3		.5
48	Bromobenzene		9.4		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:19:32

Sample: AE10023
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 4/30/02 11:55 Ended: 4/30/02 11:55 Analyst: BH
Result source: a:\0430c10.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		9.4		.5
50	2-chlorotoluene		9.3		.5
51	4-chlorotoluene		9.4		.5
52	TERT-butylbenzene		9.3		.5
53	1,2,4-trimethylbenzene		9.4		.5
54	SEC-butylbenzene		9.3		.5
55	P-isopropyltoluene		9.3		.5
56	1,3-dichlorobenzene		9.2		.5
57	1,4-dichlorobenzene		9.1		.5
58	N-butylbenzene		9.2		.5
59	1,2-dichlorobenzene		9.3		.5
60	1,2,4-trichlorobenzene		9.1		.5
61	Hexachlobutadiene		8.6		.5
62	Naphthalene		9.1		.5
63	1,2,3-trichlorobenzene		9.1		.5
64	Nitrobenzene		160		5.0

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr30\0430C10.D Vial: 6
Acq On : 30 Apr 2002 11:55 am Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: Apr 30 12:37:08 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Tue Apr 30 11:43:13 2002
Response via : Initial Calibration
DataAcq Meth : W042302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1245702	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	1197247	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	1057772	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.77	65	224486	4.95	ug/L	0.00
Spiked Amount 5.000			Recovery = 99.00%			
17) Toluene-d8	21.62	98	1670920	5.00	ug/L	0.00
Spiked Amount 5.000			Recovery = 100.00%			
54) 4-Bromofluorobenzene	28.51	95	586880	4.86	ug/L	0.00
Spiked Amount 5.000			Recovery = 97.20%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	5.32	85	374099	10.49	ug/L	99
4) Chloromethane	5.90	50	475561	8.80	ug/L	99
5) Vinyl Chloride	6.16	62	486373	9.36	ug/L	99
6) Bromomethane	7.28	94	229997	9.67	ug/L	99
7) Chloroethane	7.45	64	285576	8.44	ug/L	99
8) Trichlorofluoromethane	8.12	101	573393	8.46	ug/L	98
11) Acetone	9.33	43	129398	37.69	ug/L	99
12) 1,1-Dichloroethene	9.77	61	515967	8.83	ug/L	99
13) Methylene Chloride	11.02	49	410935	9.40	ug/L	99
14) Methyl tert-butyl ether	11.39	73	383308	8.73	ug/L	99
15) trans-1,2-Dichloroethene	11.84	61	523333	9.07	ug/L	99
16) 1,1-Dichloroethane	12.94	63	647136	8.98	ug/L	100
18) 2-Butanone (MEK)	13.96	43	172563	36.81	ug/L	97
19) 2,2-Dichloropropane	14.41	77	524647	8.62	ug/L	99
20) cis-1,2-Dichloroethene	14.54	61	483505	9.21	ug/L	100
21) Chloroform	14.94	83	578828	9.17	ug/L	99
22) Bromochloromethane	15.39	49	205639	9.28	ug/L	98
23) 1,1,1-Trichloroethane	16.00	97	526271	8.69	ug/L	100
24) 1,1-Dichloropropene	16.39	75	527371	8.86	ug/L	99
25) Carbon Tetrachloride	16.68	117	438093	8.74	ug/L	98
26) 1,2-Dichloroethane	17.01	62	287451	9.05	ug/L	99
28) Benzene	17.10	78	1717569	9.27	ug/L	99
29) Trichloroethene	18.62	95	404587	8.98	ug/L	98
30) 1,2-Dichloropropane	19.05	63	330393	9.10	ug/L	99
31) Bromodichloromethane	19.65	83	339844	8.93	ug/L	99
32) Dibromomethane	19.82	93	103661	9.41	ug/L	97
33) 2-Chloroethyl vinyl ether	20.27	63	355574	9.43	ug/L	96
34) Methyl iso-butyl ketone	20.36	43	457334	40.67	ug/L	98
35) cis-1,3-Dichloropropene	20.95	75	416799	9.27	ug/L	100

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr30\0430C10.D Vial: 6
Acq On : 30 Apr 2002 11:55 am Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: Apr 30 12:37:08 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Tue Apr 30 11:43:13 2002
Response via : Initial Calibration
DataAcq Meth : W042302

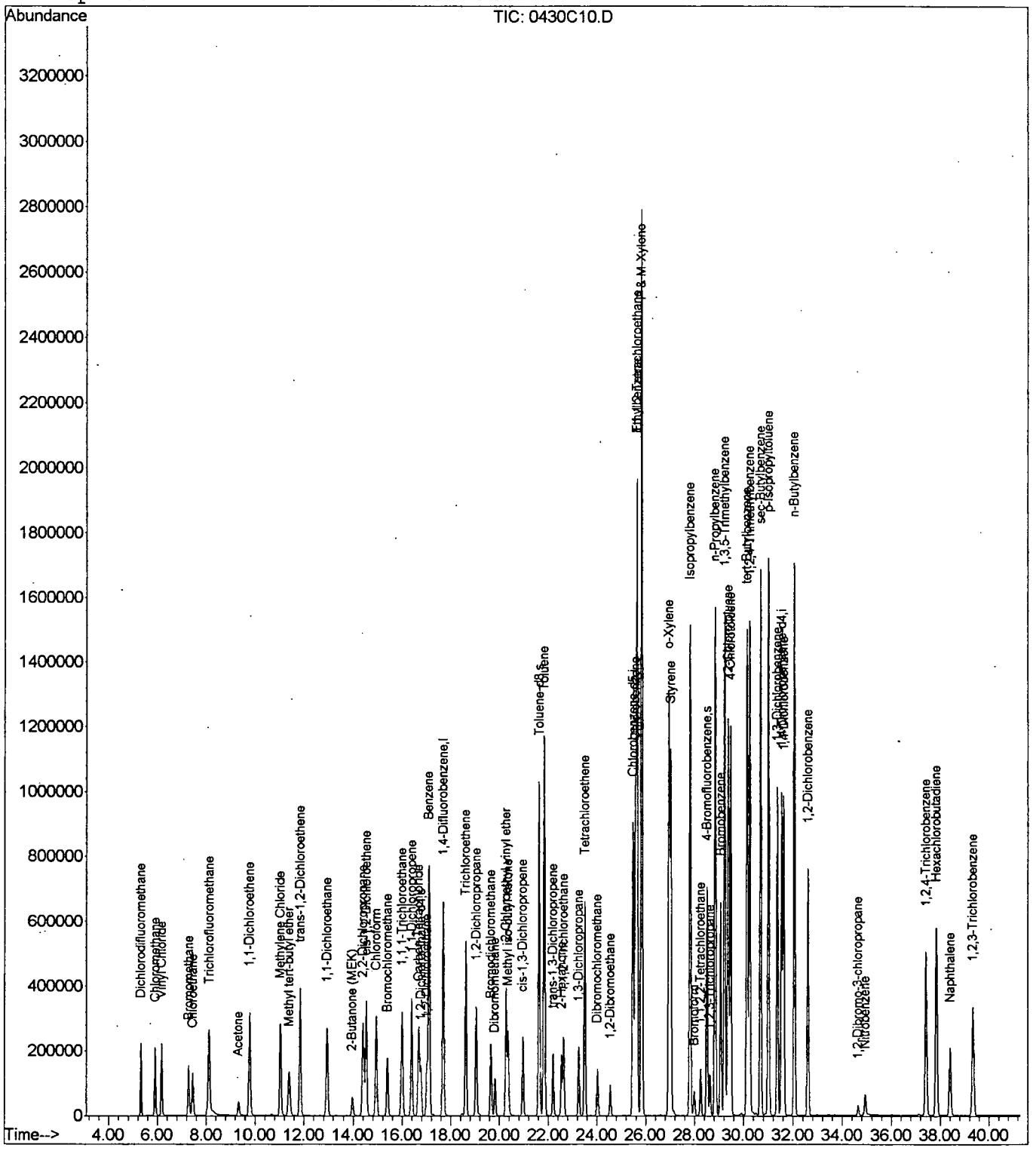
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Toluene	21.83	91	2145495	9.69	ug/L	100
37)	trans-1,3-Dichloropropene	22.19	75	303705	9.31	ug/L	99
38)	2-Hexanone	22.54	43	298716	38.82	ug/L	97
39)	1,1,2-Trichloroethane	22.62	97	170740	9.29	ug/L	93
40)	1,3-Dichloropropane	23.25	76	313830	9.34	ug/L	99
41)	Tetrachloroethene	23.50	166	438564	9.27	ug/L	100
42)	Dibromochloromethane	24.01	129	175910	9.22	ug/L	99
43)	1,2-Dibromoethane	24.54	107	143921	9.45	ug/L	99
44)	Chlorobenzene	25.57	112	1249832	9.61	ug/L	98
45)	1,1,1,2-Tetrachloroethane	25.64	131	309392	9.49	ug/L	99
46)	Ethylbenzene	25.64	91	2561195	9.67	ug/L	99
47)	P & M-Xylene	25.83	91	4011422	19.45	ug/L	100
48)	o-Xylene	26.95	91	1896675	9.86	ug/L	100
49)	Styrene	27.03	104	1374467	9.97	ug/L	99
50)	Isopropylbenzene	27.82	105	2431904	9.83	ug/L	99
52)	Bromoform	27.99	173	78557	9.17	ug/L	97
53)	1,1,2,2-Tetrachloroethane	28.25	83	169145	9.11	ug/L	99
55)	1,2,3-Trichloropropane	28.63	75	135471	9.43	ug/L	98
56)	n-Propylbenzene	28.84	91	3058634	9.30	ug/L	99
57)	Bromobenzene	29.07	77	733735	9.40	ug/L	100
58)	1,3,5-Trimethylbenzene	29.22	105	2124043	9.40	ug/L	100
59)	2-Chlorotoluene	29.37	91	1758903	9.33	ug/L	99
60)	4-Chlorotoluene	29.47	91	1694897	9.43	ug/L	99
61)	tert-Butylbenzene	30.14	119	1843858	9.27	ug/L	100
62)	1,2,4-Trimethylbenzene	30.25	105	2149994	9.43	ug/L	99
63)	sec-Butylbenzene	30.68	105	2906045	9.31	ug/L	99
64)	p-Isopropyltoluene	31.01	119	2456157	9.32	ug/L	99
65)	1,3-Dichlorobenzene	31.37	146	971130	9.22	ug/L	99
66)	1,4-Dichlorobenzene	31.62	146	927135	9.12	ug/L	99
67)	n-Butylbenzene	32.05	91	2321292	9.21	ug/L	99
68)	1,2-Dichlorobenzene	32.60	146	739122	9.34	ug/L	99
69)	1,2-Dibromo-3-chloropropan	34.64	157	23607	9.01	ug/L	91
70)	Nitrobenzene	34.92	77	76956	158.71	ug/L	98
71)	1,2,4-Trichlorobenzene	37.42	180	453865	9.09	ug/L	100
72)	Hexachlorobutadiene	37.85	225	324686	8.58	ug/L	99
73)	Naphthalene	38.41	128	521115	9.13	ug/L	100
74)	1,2,3-Trichlorobenzene	39.34	180	328160	9.14	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr30\0430C10.D Vial: 6
Acq On : 30 Apr 2002 11:55 am Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: Apr 30 12:37 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Tue Apr 30 11:43:13 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:20:15

Sample: AE10023
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 4/30/02 12:48 Ended: 4/30/02 12:48 Analyst: BH
Result source: a:\0430r5.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		4.7		
2	4-BROMOFLUOROBENZENE		5.2		
3	DICHLORODIFLUOROMETHAN		5.6		.5
4	CHLOROMETHANE		5.3		.5
5	VINYL CHLORIDE		5.6		.5
6	BROMOMETHANE		6.0		.5
7	CHLOROETHANE		5.0		.5
8	TRICHLOROFLUOROMETHANE		4.7		.5
9	ACETONE		14		.5
10	1,1-DICHLOROETHENE		4.6		.5
11	METHYLENE CHLORIDE		4.9		.5
12	METHYL TERT BUTYL ETHER		4.3		1
13	TRANS-1,2-DICHLOROETHEN		4.8		.5
14	1,1-DICHLOROETHANE		4.8		.5
15	2-BUTANONE (MEK)		16		.5
16	2,2-DICHLOROPROPANE		4.5		.5
17	CIS-1,2-DICHLOROETHENE		4.8		.5
18	CHLOROFORM		4.8		.5
19	BROMOCHLOROMETHANE		4.8		.5
20	1,2-DICHLOROETHANE		4.8		.5
21	TOLUENE-D8		5.0		
22	1,1,1-TRICHLOROETHANE		4.7		.5
23	1,1-DICHLOROPROPENE		4.9		.5
24	CARBON TETRACHLORIDE		4.5		.5
25	BENZENE		4.9		.5
26	TRICHLOROETHENE		5.0		.5
27	1,2-DICHLOROPROPANE		5.0		.5
28	DIBROMOMETHANE		4.8		.5
29	BROMODICHLOROMETHANE		4.5		.5
30	2-CHLOROETHYL VINYL ETHE		1.0		.5
31	METHYL ISO-BUTYL KETONE		21		1
32	CIS-1,3-DICHLOROPROPENE		4.9		.5
33	TOLUENE		5.1		.5
34	TRANS-1,3-DICHLOROPROPE		4.7		.5
35	1,1,2-TRICHLOROETHANE		5.1		.5
36	TETRACHLOROETHENE		5.1		.5
37	1,3-DICHLOROPROPANE		5.1		.5
38	DIBROMOCHLOROMETHANE		4.6		2
39	1,2-DIBROMOETHANE		5.0		.5
40	CHLOROBENZENE		5.1		.5
41	1,1,1,2-TETRACHLOROETHA		5.0		.5
42	2-HEXANONE		17		.5
43	ETHYLBENZENE		5.1		.5
44	P & M-XYLENE		10		.5
45	O-XYLENE		5.0		.5
46	STYRENE		5.1		.5
47	1,1,2,2-TETRACHLOROETHA		5.3		.5
48	BROMOFORM		4.8		2

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:20:15

Sample: AE10023
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 4/30/02 12:48 Ended: 4/30/02 12:48 Analyst: BH
Result source: a:\0430r5.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		5.2		.5
50	1,2,3-TRICHLOROPROPANE		5.4		.5
51	N-PROPYLBENZENE		5.4		.5
52	BROMOBENZENE		5.2		.5
53	1,3,5-TRIMETHYLBENZENE		5.3		.5
54	2-CHLOROTOLUENE		5.3		.5
55	4-CHLOROTOLUENE		5.3		.5
56	TERT-BUTYLBENZENE		5.3		.5
57	1,2,4-TRIMETHYLBENZENE		5.4		.5
58	SEC-BUTYLBENZENE		5.3		.5
59	P-ISOPROPYLTOLUENE		5.1		.5
60	1,3-DICHLOROBENZENE		5.1		.5
61	1,4-DICHLOROBENZENE		5.2		.5
62	N-BUTYLBENZENE		5.2		.5
63	1,2-DICHLOROBENZENE		5.1		.5
64	1,2-DIBROMO-3-CHLOROPRO		5.2		.5
65	1,2,4-TRICHLOROBENZENE		5.0		.5
66	HEXACHLOROBUTADIENE		5.2		.5
67	NAPHTHALENE		5.1		.5
68	1,2,3-TRICHLOROBENZENE		5.1		.5
69	ETHANOL		< MDL		30
70	NITROBENZENE		82		5.0

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:20:35

Sample: AE10023
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 5/1/02 15:20 Ended: 5/1/02 15:20 Analyst: BH
Result source: calculation
Page: 1

70-130

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.7		.5
2	Surr - 4-BROMOFLUOROBENZ		5.2		.5
3	Dichlorodifluoromethane		112		.5
4	Chloromethane		106		.5
5	Vinyl chloride		112		.5
6	Bromomethane		120		.5
7	Chloroethane		100		.5
8	Trichlorofluoromethane		94		.5
9	1,1-Dichloroethene		92		.5
10	Methylene Chloride		98		.5
11	Methyl tert butyl ether		86		1.0
12	trans-1,2-dichloroethene		96		.5
13	1,1-dichloroethane		96		.5
14	2-butanone (MEK)		80		2.0
15	2,2-dichloropropane		90		.5
16	cis-1,2-dichloroethene		96		.5
17	Chloroform		96		.5
18	Bromochloromethane		96		.5
19	1,2-dichloroethane		96		.5
20	Surr - TOLUENE-D8		5		.5
21	1,1,1-trichloroethane		94		.5
22	1,1-dichloropropene		98		.5
23	Carbon tetrachloride		90		.5
24	Benzene		98		.5
25	Trichloroethene		100		.5
26	1,2-dichloropropane		100		.5
27	Dibromomethane		96		.5
28	Bromodichloromethane		90		.5
29	Methyl iso-butyl ketone		105		1.0
30	cis-1,3-dichloropropene		98		.5
31	Toluene		102		.5
32	trans-1,3-dichloropropene		94		.5
33	1,1,2-trichloroethane		102		.5
34	Tetrachloroethene		102		.5
35	1,3-dichloropropane		102		.5
36	Dibromochloromethane		92		2.0
37	Chlorobenzene		102		.5
38	1,1,1,2-tetrachloroethane		100		.5
39	Ethylbenzene		102		.5
40	P & M-xylene		100		.5
41	O-xylene		100		.5
42	Styrene		102		.5
43	1,1,2,2-tetrachloroethane		106		.5
44	Bromoform		96		2.0
45	Isopropylbenzene		104		.5
46	1,2,3-trichloropropane		108		.5
47	N-propylbenzene		108		.5
48	Bromobenzene		104		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:20:35

Sample: AE10023
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 5/1/02 15:20 Ended: 5/1/02 15:20 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		106		.5
50	2-chlorotoluene		106		.5
51	4-chlorotoluene		106		.5
52	TERT-butylbenzene		106		.5
53	1,2,4-trimethylbenzene		108		.5
54	SEC-butylbenzene		106		.5
55	P-isopropyltoluene		102		.5
56	1,3-dichlorobenzene		102		.5
57	1,4-dichlorobenzene		104		.5
58	N-butylbenzene		104		.5
59	1,2-dichlorobenzene		102		.5
60	1,2,4-trichlorobenzene		100		.5
61	Hexachlorobutadiene		104		.5
62	Naphthalene		102		.5
63	1,2,3-trichlorobenzene		102		.5
64	Ethanol				
65	Nitrobenzene		82		5.0

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\0430R5.D Vial: 6
Acq On : 30 Apr 2002 12:48 pm Operator:
Sample : ref 5 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 14:27:03 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1246344	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	1187261	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	975903	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.77	65	212625	4.69	ug/L	0.00
Spiked Amount 5.000			Recovery = 93.80%			
17) Toluene-d8	21.62	98	1665938	4.98	ug/L	0.00
Spiked Amount 5.000			Recovery = 99.60%			
54) 4-Bromofluorobenzene	28.51	95	574926	5.16	ug/L	0.00
Spiked Amount 5.000			Recovery = 103.20%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	5.32	85	199271	5.59	ug/L	100
4) Chloromethane	5.90	50	284744	5.27	ug/L	100
5) Vinyl Chloride	6.18	62	289129	5.56	ug/L	99
6) Bromomethane	7.28	94	142710	6.00	ug/L	99
7) Chloroethane	7.44	64	168832	4.99	ug/L	99
8) Trichlorofluoromethane	8.12	101	318670	4.70	ug/L	99
11) Acetone	9.34	43	49082	14.29	ug/L	99
12) 1,1-Dichloroethene	9.77	61	266045	4.55	ug/L	100
13) Methylene Chloride	11.03	49	216325	4.94	ug/L	99
14) Methyl tert-butyl ether	11.39	73	187431	4.27	ug/L	99
15) trans-1,2-Dichloroethene	11.84	61	276405	4.79	ug/L	99
16) 1,1-Dichloroethane	12.94	63	343170	4.76	ug/L	100
18) 2-Butanone (MEK)	13.97	43	75656	16.13	ug/L	97
19) 2,2-Dichloropropane	14.41	77	272709	4.48	ug/L	97
20) cis-1,2-Dichloroethene	14.54	61	251021	4.78	ug/L	99
21) Chloroform	14.94	83	301984	4.78	ug/L	100
22) Bromochloromethane	15.39	49	106442	4.80	ug/L	99
23) 1,1,1-Trichloroethane	16.00	97	282855	4.67	ug/L	99
24) 1,1-Dichloropropene	16.39	75	292277	4.91	ug/L	98
25) Carbon Tetrachloride	16.68	117	227945	4.54	ug/L	97
26) 1,2-Dichloroethane	17.00	62	153414	4.83	ug/L	99
28) Benzene	17.10	78	896643	4.88	ug/L	100
29) Trichloroethene	18.61	95	225265	5.04	ug/L	98
30) 1,2-Dichloropropane	19.05	63	178810	4.96	ug/L	98
31) Bromodichloromethane	19.65	83	170824	4.53	ug/L	100
32) Dibromomethane	19.82	93	52332	4.79	ug/L	97
33) 2-Chloroethyl vinyl ether	20.28	63	37559	1.00	ug/L	37
34) Methyl iso-butyl ketone	20.36	43	232750	20.87	ug/L	95
35) cis-1,3-Dichloropropene	20.95	75	217022	4.87	ug/L	100

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\0430R5.D Vial: 6
Acq On : 30 Apr 2002 12:48 pm Operator:
Sample : ref 5 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 14:27:03 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

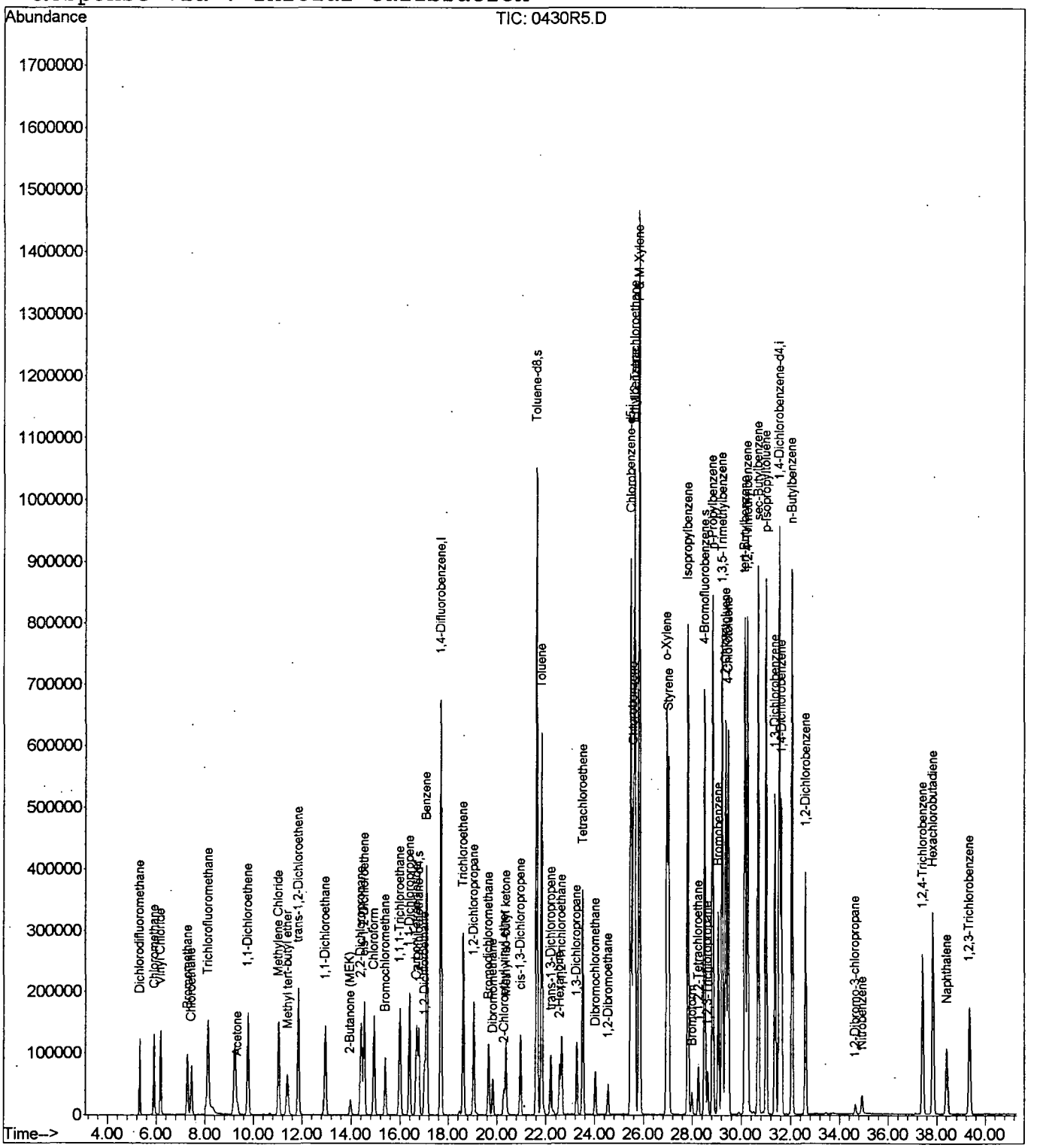
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Toluene	21.82	91	1122152	5.11	ug/L	100
37)	trans-1,3-Dichloropropene	22.20	75	150702	4.66	ug/L	99
38)	2-Hexanone	22.54	43	132000	17.30	ug/L	98
39)	1,1,2-Trichloroethane	22.63	97	92125	5.05	ug/L	93
40)	1,3-Dichloropropane	23.25	76	169878	5.10	ug/L	99
41)	Tetrachloroethene	23.50	166	238610	5.08	ug/L	99
42)	Dibromochloromethane	24.02	129	87089	4.60	ug/L	97
43)	1,2-Dibromoethane	24.55	107	74997	4.97	ug/L	98
44)	Chlorobenzene	25.57	112	652703	5.06	ug/L	98
45)	1,1,1,2-Tetrachloroethane	25.64	131	163248	5.05	ug/L	99
46)	Ethylbenzene	25.64	91	1345452	5.12	ug/L	100
47)	P & M-Xylene	25.83	91	2102520	10.28	ug/L	99
48)	o-Xylene	26.96	91	956918	5.02	ug/L	100
49)	Styrene	27.03	104	694152	5.08	ug/L	99
50)	Isopropylbenzene	27.82	105	1266601	5.16	ug/L	100
52)	Bromoform	27.99	173	37703	4.77	ug/L	96
53)	1,1,2,2-Tetrachloroethane	28.26	83	90323	5.27	ug/L	98
55)	1,2,3-Trichloropropane	28.64	75	72075	5.44	ug/L	99
56)	n-Propylbenzene	28.84	91	1645946	5.42	ug/L	100
57)	Bromobenzene	29.07	77	377600	5.24	ug/L	98
58)	1,3,5-Trimethylbenzene	29.22	105	1101754	5.29	ug/L	99
59)	2-Chlorotoluene	29.37	91	922309	5.30	ug/L	99
60)	4-Chlorotoluene	29.47	91	885094	5.34	ug/L	99
61)	tert-Butylbenzene	30.14	119	965389	5.26	ug/L	100
62)	1,2,4-Trimethylbenzene	30.25	105	1133846	5.39	ug/L	99
63)	sec-Butylbenzene	30.68	105	1534665	5.33	ug/L	100
64)	p-Isopropyltoluene	31.01	119	1241417	5.11	ug/L	100
65)	1,3-Dichlorobenzene	31.37	146	492718	5.07	ug/L	98
66)	1,4-Dichlorobenzene	31.63	146	484573	5.17	ug/L	99
67)	n-Butylbenzene	32.05	91	1213291	5.22	ug/L	100
68)	1,2-Dichlorobenzene	32.60	146	374280	5.12	ug/L	99
69)	1,2-Dibromo-3-chloropropan	34.65	157	12471	5.16	ug/L	92
70)	Nitrobenzene	34.91	77	36520	81.64	ug/L	100
71)	1,2,4-Trichlorobenzene	37.42	180	231390	5.02	ug/L	99
72)	Hexachlorobutadiene	37.85	225	181621	5.20	ug/L	99
73)	Naphthalene	38.41	128	268083	5.09	ug/L	99
74)	1,2,3-Trichlorobenzene	39.33	180	169606	5.12	ug/L	100

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\0430R5.D Vial: 6
Acq On : 30 Apr 2002 12:48 pm Operator:
Sample : ref 5 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 1 14:27 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\0430B2.D Vial: 7
Acq On : 30 Apr 2002 3:13 pm Operator:
Sample : lb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 14:28:26 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

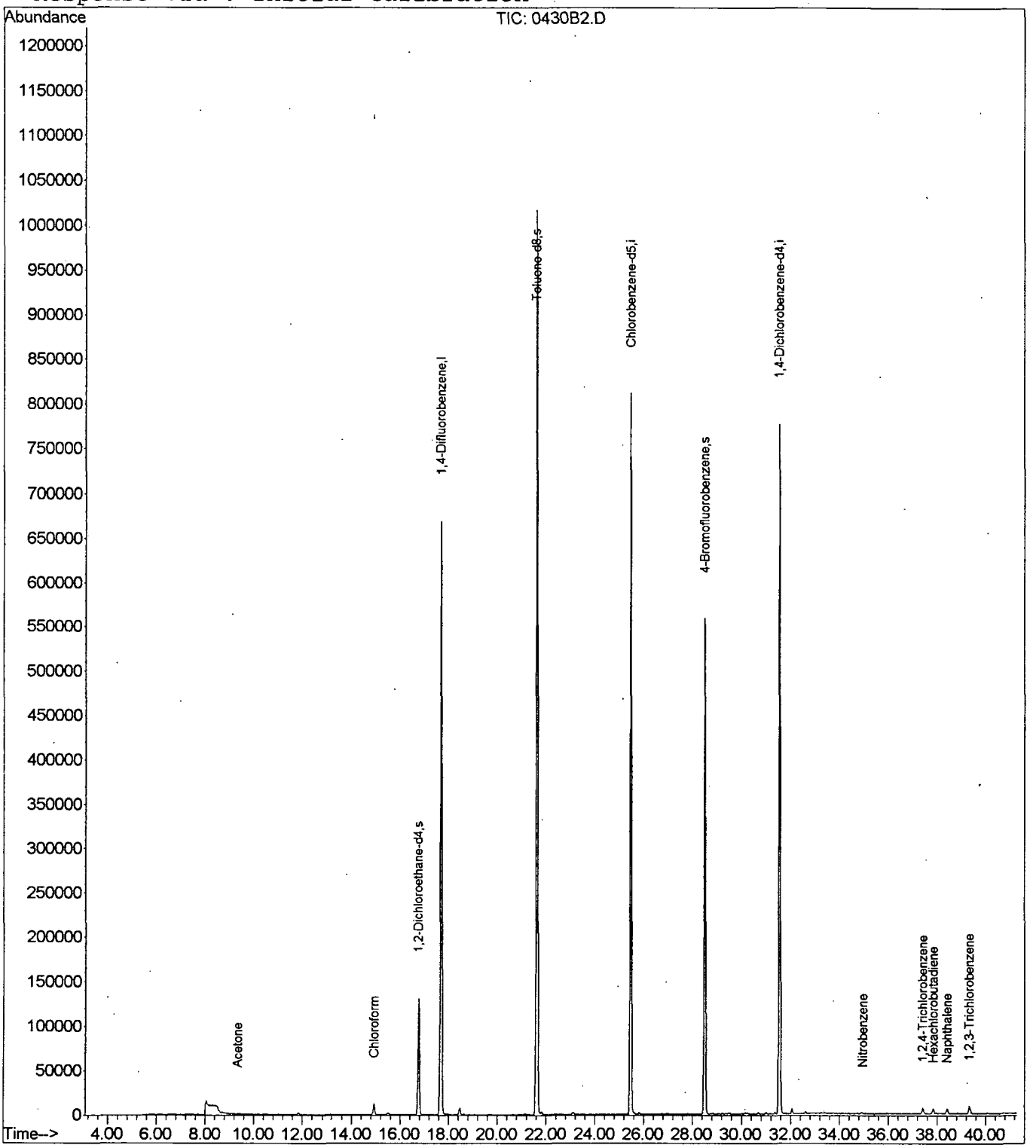
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.69	114	1194010	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	1076925	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	758093	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.76	65	200550	4.61	ug/L	0.00
Spiked Amount 5.000			Recovery = 92.20%			
17) Toluene-d8	21.61	98	1603568	5.00	ug/L	0.00
Spiked Amount 5.000			Recovery = 100.00%			
54) 4-Bromofluorobenzene	28.51	95	463082	5.35	ug/L	0.00
Spiked Amount 5.000			Recovery = 107.00%			
Target Compounds						Qvalue
11) Acetone	9.33	43	1346	0.41	ug/L	93
21) Chloroform	14.93	83	22097	0.37	ug/L	98
70) Nitrobenzene	34.96	77	484	1.39	ug/L	85
71) 1,2,4-Trichlorobenzene	37.42	180	5708	0.16	ug/L	96
72) Hexachlorobutadiene	37.86	225	2480	0.09	ug/L	78
73) Naphthalene	38.41	128	12695	0.31	ug/L	96
74) 1,2,3-Trichlorobenzene	39.35	180	7939	0.31	ug/L	96

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\0430B2.D Vial: 7
Acq On : 30 Apr 2002 3:13 pm Operator:
Sample : lb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 1 14:28 2002 Quant Results File: W042302.RE

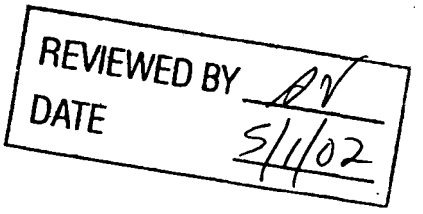
Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:21:24

Sample: AE10023
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/30/02 16:20 Ended: 4/30/02 16:20 Analyst: BH
Result source: a:\10023.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.6		0.5
2	Surr - 4-BROMOFLUOROBENZ		5.3		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.0		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:21:24

Sample: AE10023
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/30/02 16:20 Ended: 4/30/02 16:20 Analyst: BH
Result source: a:\10023.rr

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Comments for Sample AE10023 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-06-2002 Time: 16:56:58

2-ETHYL HEXANOL is present in this sample as a 524.2 TIC. The estimated concentration is 0.31 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10023.D Vial: 8
Acq On : 30 Apr 2002 4:20 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 14:35:41 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

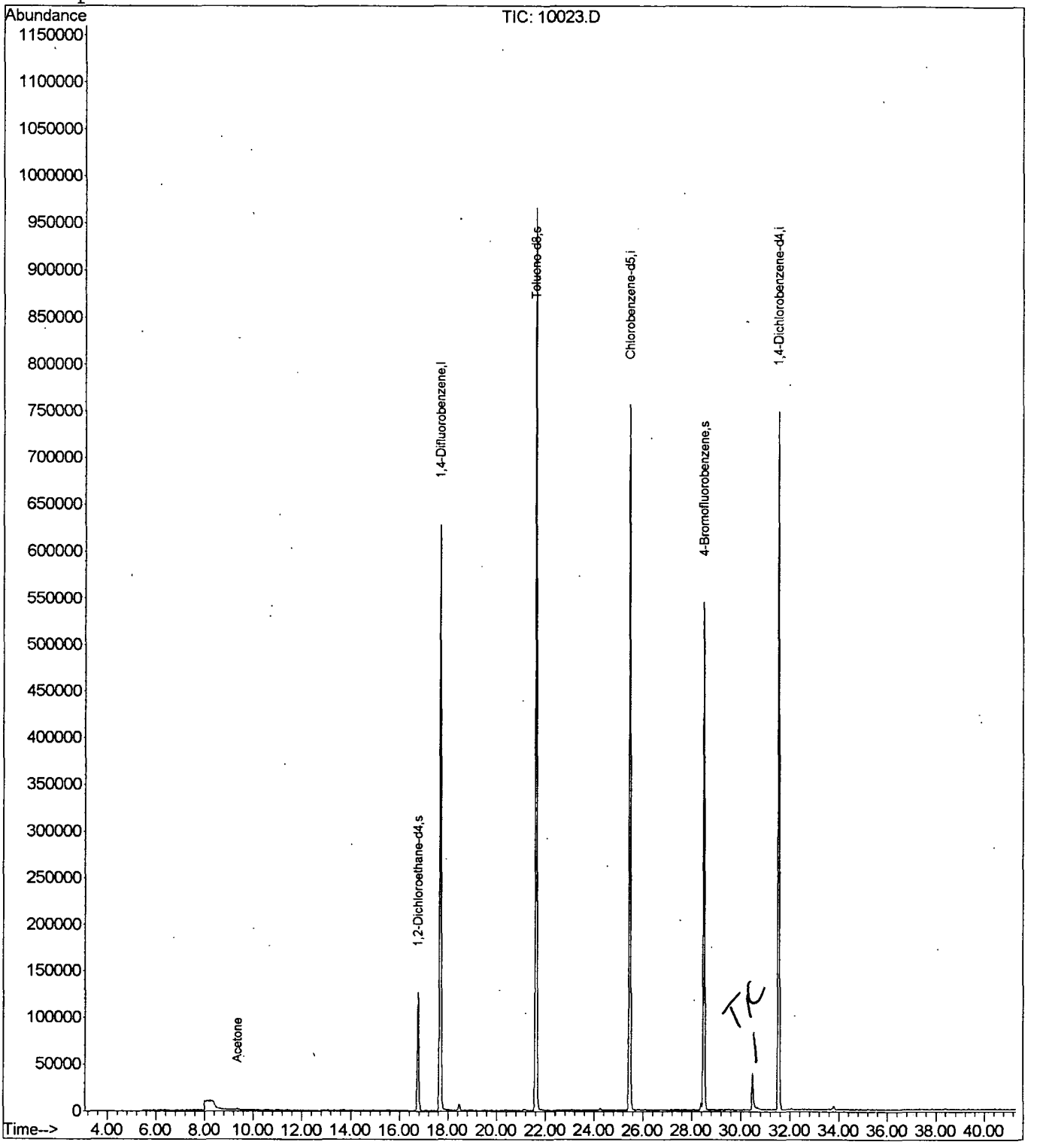
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.69	114	1150563	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	1007167	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	735412	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.77	65	194317	4.64	ug/L	0.00
Spiked Amount 5.000			Recovery = 92.80%			
17) Toluene-d8	21.62	98	1543335	5.00	ug/L	0.00
Spiked Amount 5.000			Recovery = 100.00%			
54) 4-Bromofluorobenzene	28.51	95	447944	5.34	ug/L	0.00
Spiked Amount 5.000			Recovery = 106.80%			
Target Compounds						Qvalue
11) Acetone	9.35	43	4585	1.45	ug/L	76

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10023.D Vial: 8
Acq On : 30 Apr 2002 4:20 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 1 14:35 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10023.D Vial: 8
Acq On : 30 Apr 2002 4:20 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

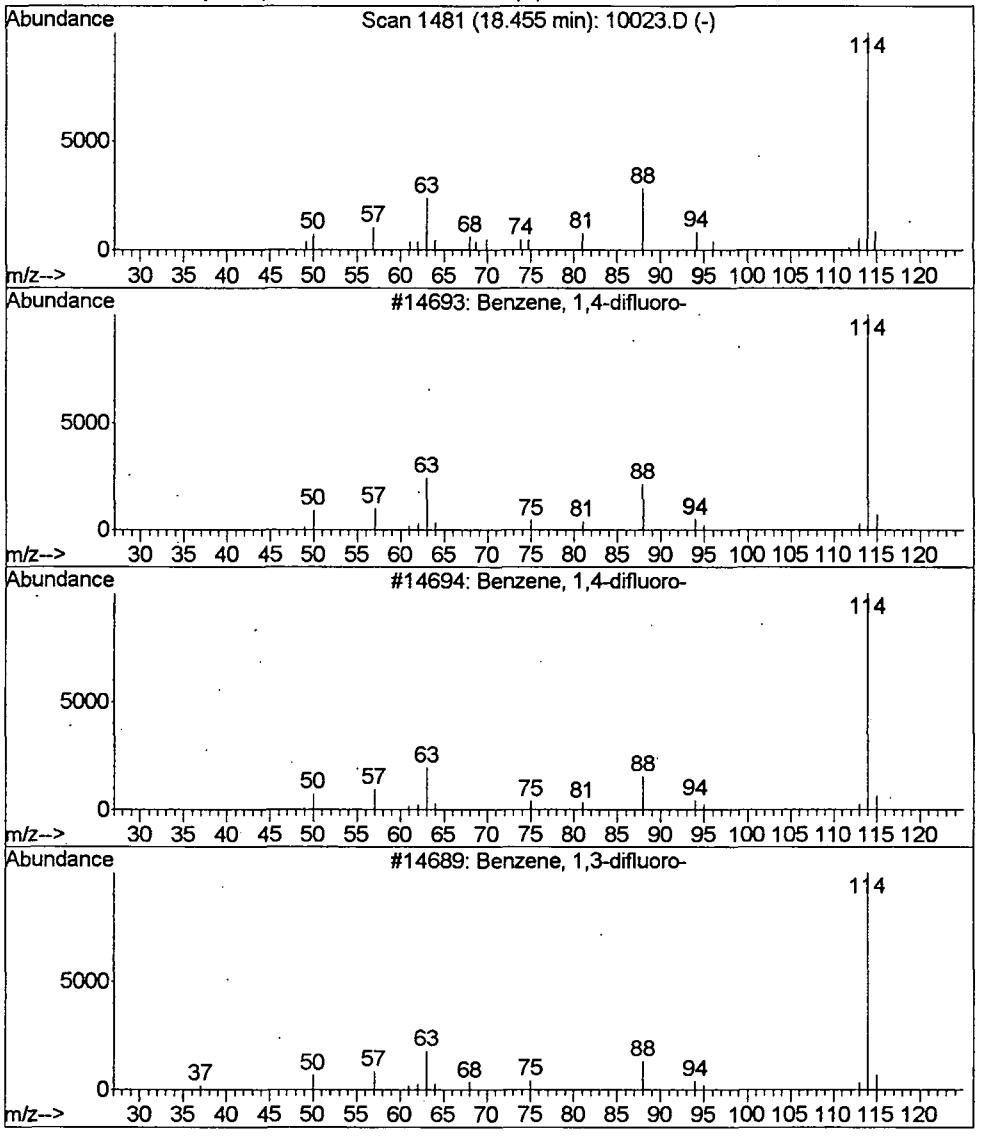
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

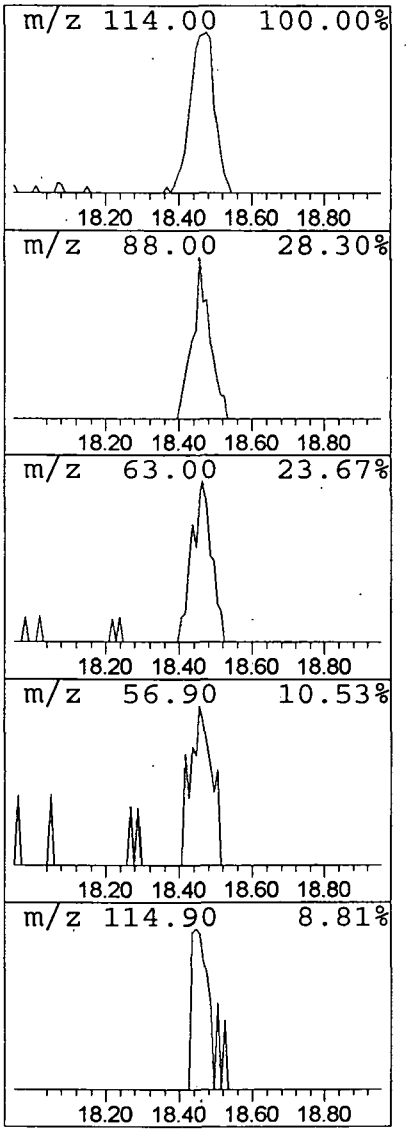
****

Peak Number 3 Benzene, 1,4-difluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	0.05 ug/L	27714	1,4-Difluorobenzene	17.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	91
2	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	90
3	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	90
4	Benzene, 1,2-difluoro- $$ Benzen...	114	C6H4F2	000367-11-3	90





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10023.D Vial: 8
Acq On : 30 Apr 2002 4:20 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

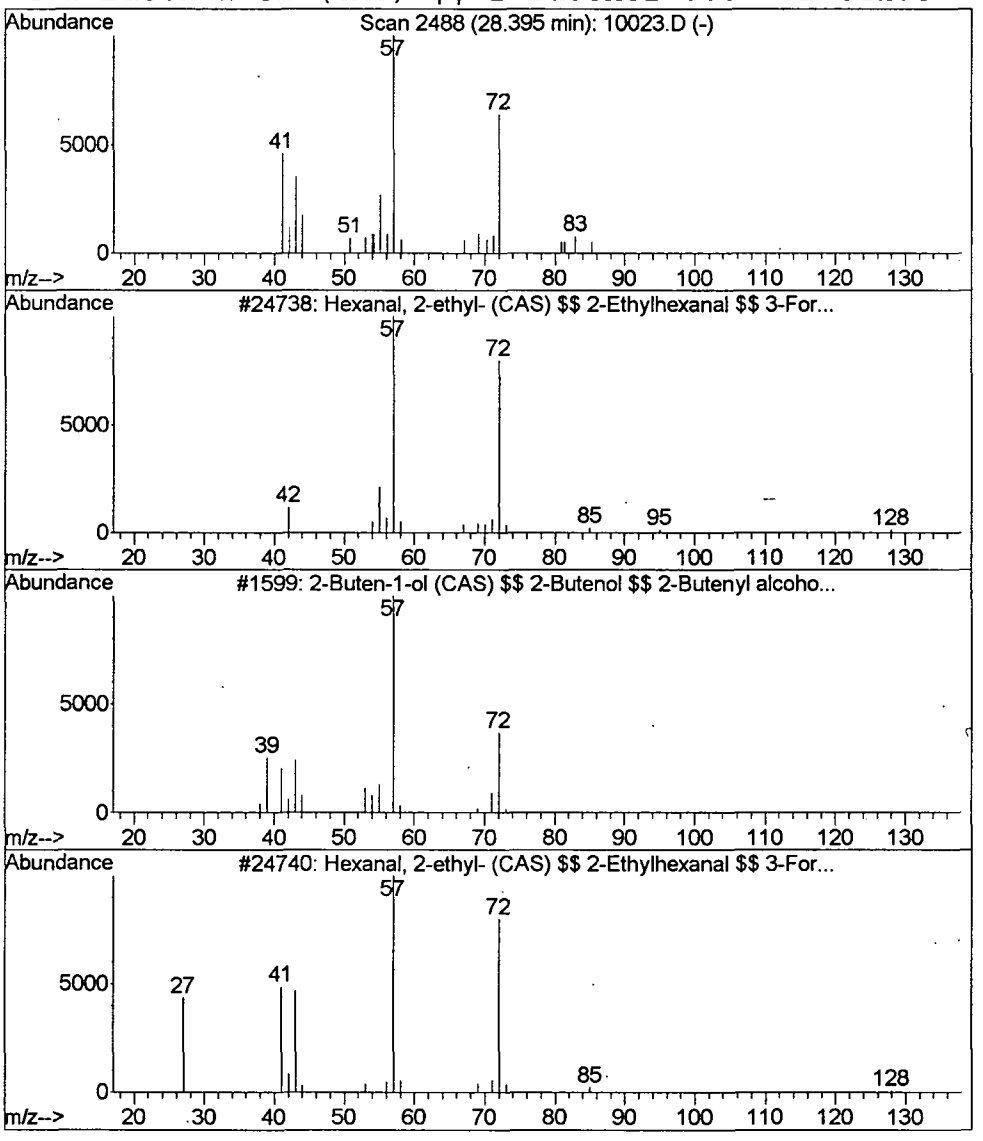
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

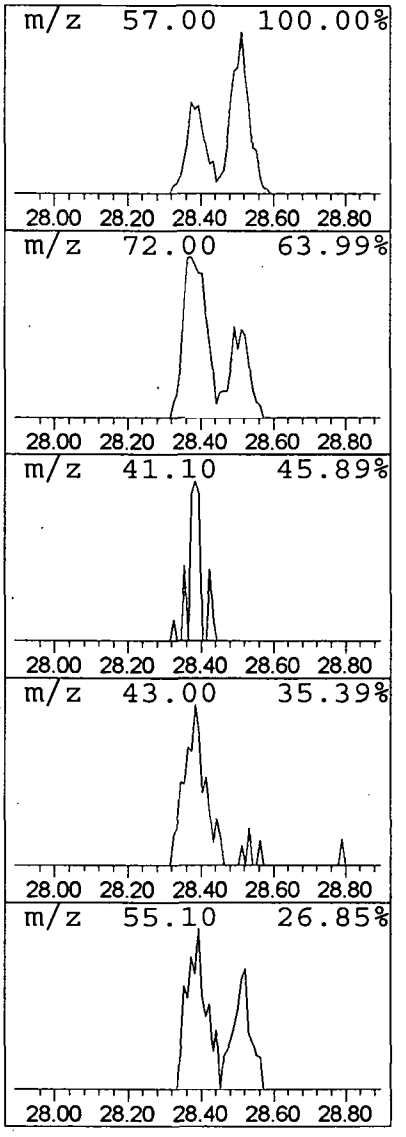
****

Peak Number 4 Hexanal, 2-ethyl- (CAS) $$ ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.39	0.04 ug/L	25297	Chlorobenzene-d5	25.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal, 2-ethyl- (CAS) $$ 2-Eth...	128	C8H16O	000123-05-7	50
2	2-Buten-1-ol (CAS) $$ 2-Butenol ...	72	C4H8O	006117-91-5	47
3	Hexanal, 2-ethyl- (CAS) $$ 2-Eth...	128	C8H16O	000123-05-7	47
4	2-Buten-1-ol (CAS) $$ 2-Butenol ...	72	C4H8O	006117-91-5	43





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10023.D Vial: 8
Acq On : 30 Apr 2002 4:20 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

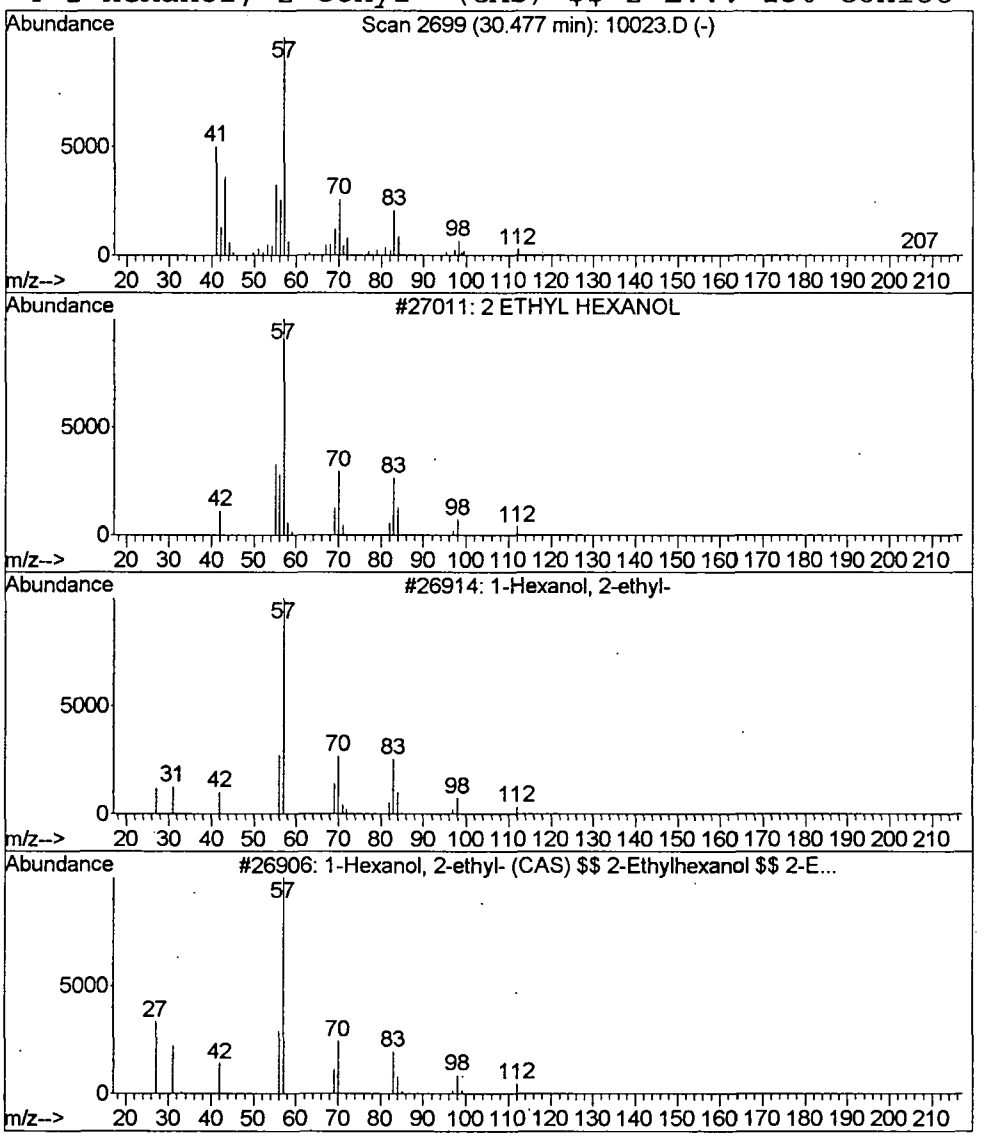
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

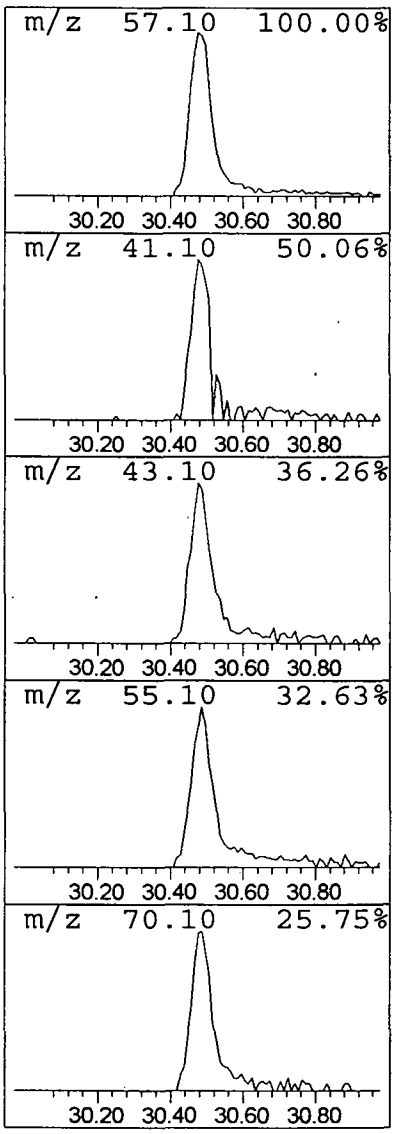
****

Peak Number 5 2 ETHYL HEXANOL Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.48	0.31 ug/L	172911	1,4-Dichlorobenzene-d4	31.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2 ETHYL HEXANOL	130	C8H18O	000104-76-7	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	72





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:21:53

Sample: AE10023
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 4/30/02 16:20 Ended: 4/30/02 16:20 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		0.30
2	Surr - 4-BROMOFLUOROBENZ		0.10
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	1,1-DICHLOROETHENE		< MDL
10	METHYLENE CHLORIDE		< MDL
11	METHYL TERT-BUTYL ETHER		< MDL
12	TRANS-1,2-DICHLOROETHEN		< MDL
13	1,1-DICHLOROETHANE		< MDL
14	2-BUTANONE (MEK)		< MDL
15	2,2-DICHLOROPROPANE		< MDL
16	CIS-1,2-DICHLOROETHENE		< MDL
17	*THM-CHLOROFORM		< MDL
18	BROMOCHLOROMETHANE		< MDL
19	1,2-DICHLOROETHANE		< MDL
20	Surr - TOLUENE-D8		0.10
21	1,1,1- TRICHLOROETHANE		< MDL
22	1,1-DICHLOROPROPENE		< MDL
23	CARBON TETRACHLORIDE		< MDL
24	BENZENE		< MDL
25	TRICHLOROETHENE		< MDL
26	1,2-DICHLOROPROPANE		< MDL
27	DIBROMOMETHANE		< MDL
28	*THM-BROMODICHLOROMET		< MDL
29	METHYL ISO-BUTYL KETONE		< MDL
30	CIS-1,3-DICHLOROPROPENE		< MDL
31	TOLUENE		< MDL
32	TRANS-1,3-DICHLOROPROPE		< MDL
33	1,1,2-TRICHLOROETHANE		< MDL
34	TETRACHLOROETHENE		< MDL
35	1,3-DICHLOROPROPANE		< MDL
36	*THM-DIBROMOCHLOROMET		< MDL
37	1,2-DIBROMOETHANE		< MDL
38	CHLOROBENZENE		< MDL
39	1,1,1,2-TETRACHLOROETHA		< MDL
40	2-HEXANONE		< MDL
41	ETHYLBENZENE		< MDL
42	P & M-XYLENE		< MDL
43	O-XYLENE		< MDL
44	STYRENE		< MDL
45	1,1,2,2-TETRACHLOROETHA		< MDL
46	*THM-BROMOFORM		< MDL
47	ISOPROPYLBENZENE		< MDL
48	1,2,3-TRICHLOROPROPANE		< MDL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:21:53

Sample: AE10023
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 4/30/02 16:20 Ended: 4/30/02 16:20 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result
49	N-PROPYLBENZENE		< MDL
50	BROMOBENZENE		< MDL
51	1,3,5-TRIMETHYLBENZENE		< MDL
52	2-CHLOROTOLUENE		< MDL
53	4-CHLOROTOLUENE		< MDL
54	TERT-BUTYLBENZENE		< MDL
55	1,2,4-TRIMETHYLBENZENE		< MDL
56	SEC-BUTYLBENZENE		< MDL
57	P-ISOPROPYLTOLUENE		< MDL
58	1,3-DICHLOROBENZENE		< MDL
59	1,4-DICHLOROBENZENE		< MDL
60	N-BUTYLBENZENE		< MDL
61	1,2-DICHLOROBENZENE		< MDL
62	1,2-DIBROMO-3-CHLOROPRO		< MDL
63	1,2,4-TRICHLOROBENZENE		< MDL
64	HEXACHLOROBUTADIENE		< MDL
65	NAPHTHALENE		< MDL
66	1,2,3-TRICHLOROBENZENE		< MDL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:21:38

Sample: AE10023
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 4/30/02 17:07 Ended: 4/30/02 17:07 Analyst: BH
Result source: a:\10023d.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.9		.5
2	Surr - 4-BROMOFLUOROBENZ		5.2		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:21:38

Sample: AE10023
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 4/30/02 17:07 Ended: 4/30/02 17:07 Analyst: BH
Result source: a:\10023d.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Comments for Sample AE10023 - Analysis $D_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-06-2002 Time: 16:57:36

2-ETHYL HEXANOL is present in this sample as a 524.2 TIC. The estimated concentration is 0.39 ug/L.

good dup

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10023D.D Vial: 9
Acq On : 30 Apr 2002 5:07 pm Operator:
Sample : nyc; dup Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 14:35:47 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

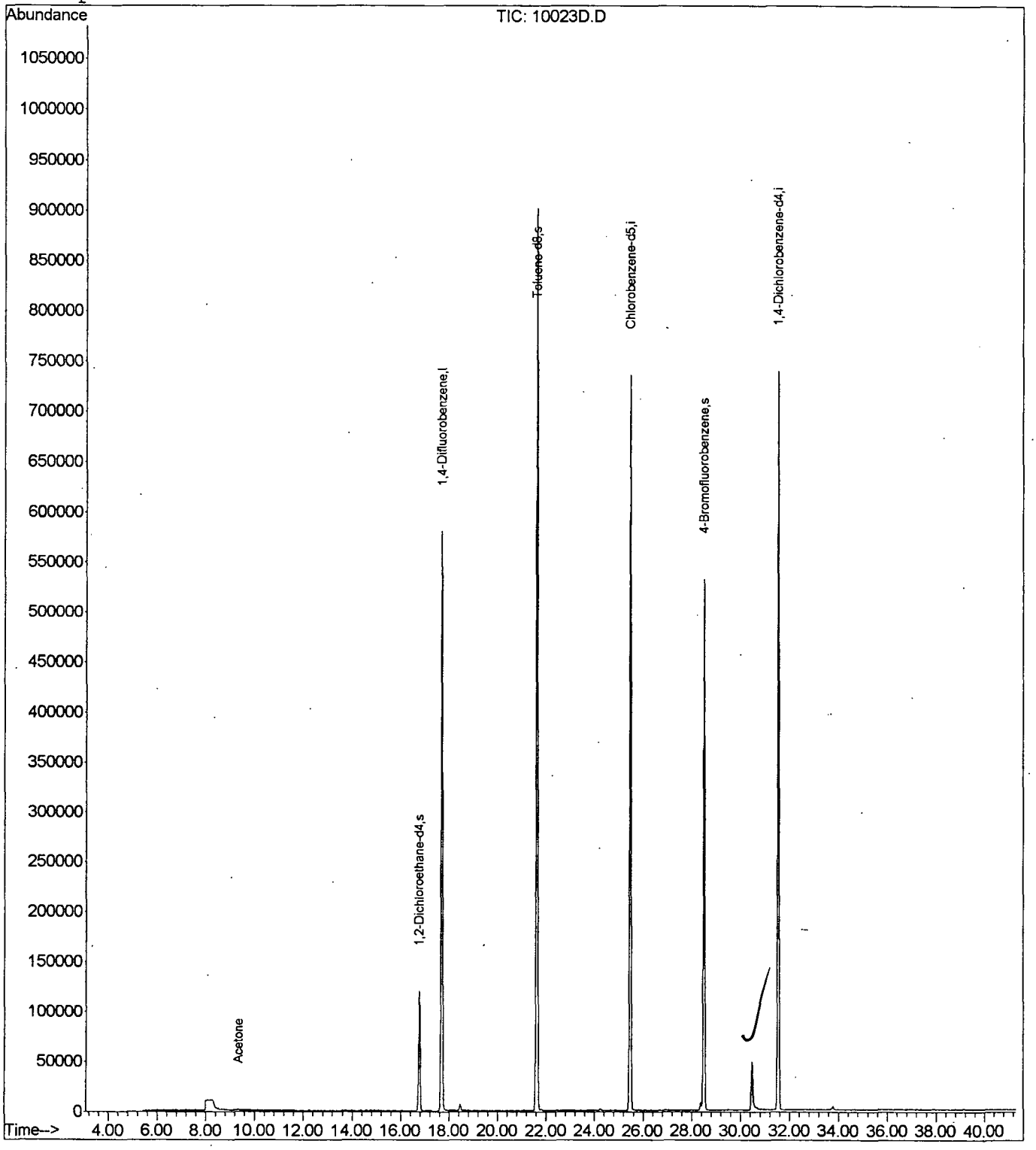
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1048423	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	964014	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	733529	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.79	65	185241	4.85	ug/L	0.03
Spiked Amount 5.000			Recovery = 97.00%			
17) Toluene-d8	21.63	98	1439030	5.11	ug/L	0.02
Spiked Amount 5.000			Recovery = 102.20%			
54) 4-Bromofluorobenzene	28.51	95	436146	5.21	ug/L	0.00
Spiked Amount 5.000			Recovery = 104.20%			
Target Compounds						Qvalue
11) Acetone	9.37	43	2519	0.87	ug/L	93

(#) = qualifier out of range (m) = manual integration
10023D.D W042302.M Wed May 01 14:35:49 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10023D.D Vial: 9
Acq On : 30 Apr 2002 5:07 pm Operator:
Sample : nyc; dup Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 1 14:35 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10023D.D Vial: 9
Acq On : 30 Apr 2002 5:07 pm Operator:
Sample : nyc; dup Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

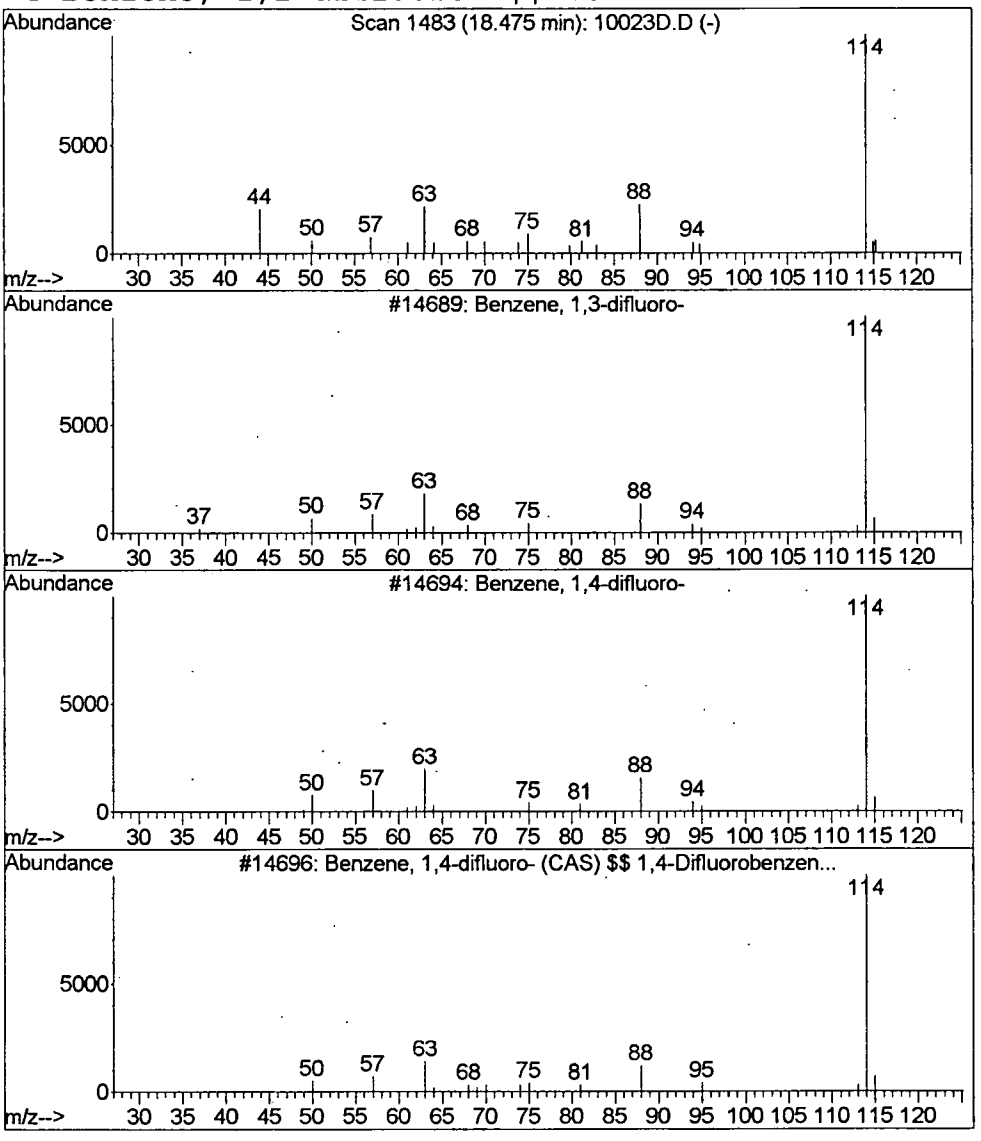
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

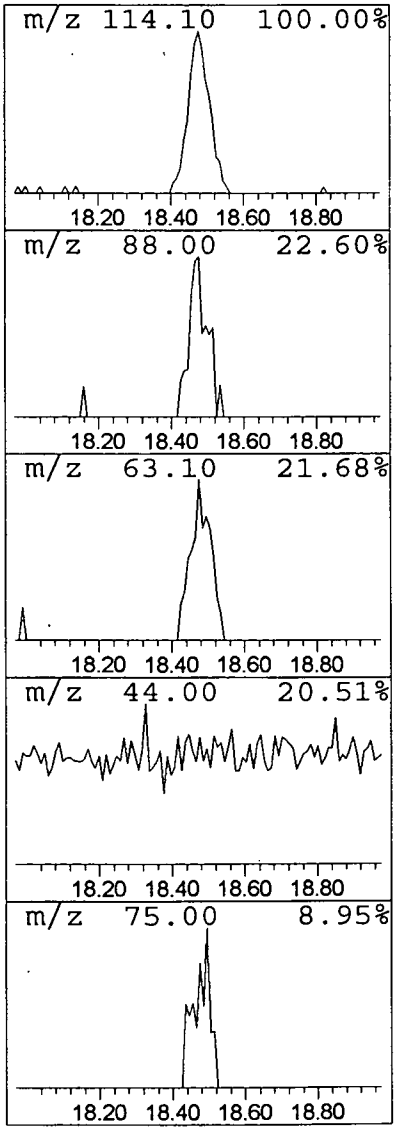
****

Peak Number 2 Benzene, 1,3-difluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	0.06 ug/L	28340	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	87
2	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	87
3	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	83
4	Benzene, 1,2-difluoro- $$ Benzen...	114	C6H4F2	000367-11-3	81





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10023D.D Vial: 9
Acq On : 30 Apr 2002 5:07 pm Operator:
Sample : nyc; dup Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

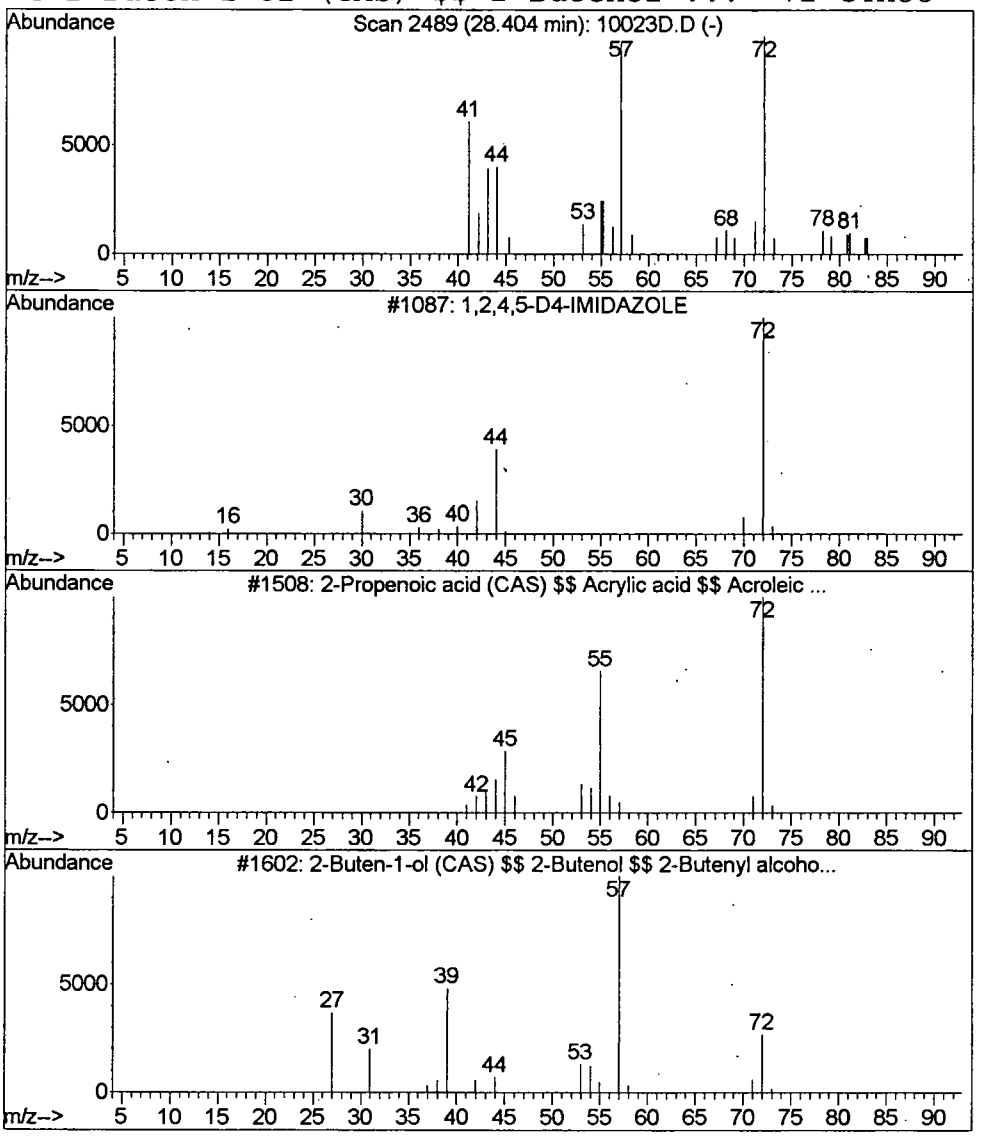
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

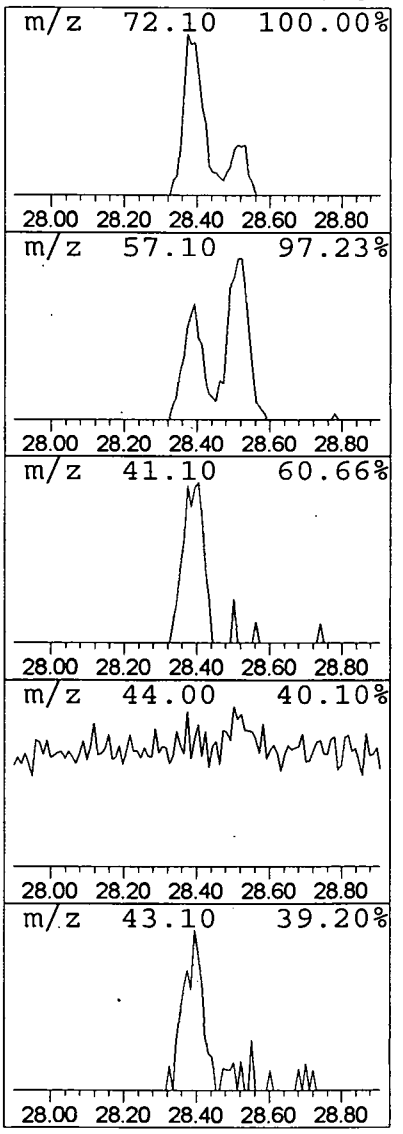
****

Peak Number 3 1,2,4,5-D4-IMIDAZOLE Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.40	0.06 ug/L	32657	Chlorobenzene-d5	25.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,5-D4-IMIDAZOLE	72	C3D4N2	006923-01-9	47
2	2-Propenoic acid (CAS) $$ Acryli...	72	C3H4O2	000079-10-7	47
3	2-Buten-1-ol (CAS) $$ 2-Butenol ...	72	C4H8O	006117-91-5	46
4	2-Buten-1-ol (CAS) $$ 2-Butenol ...	72	C4H8O	006117-91-5	38





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10023D.D Vial: 9
Acq On : 30 Apr 2002 5:07 pm Operator:
Sample : nyc; dup Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

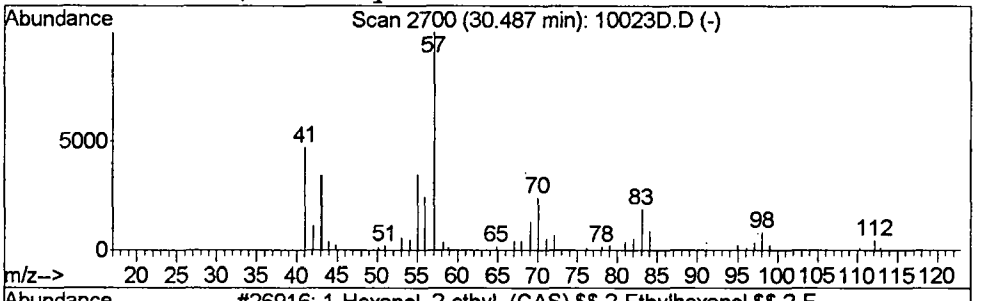
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

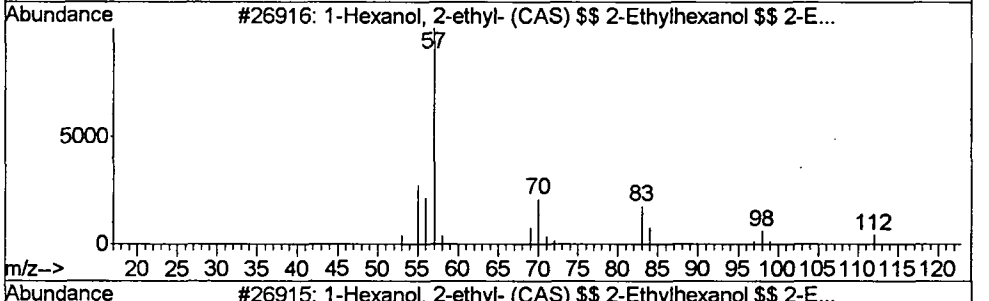
****

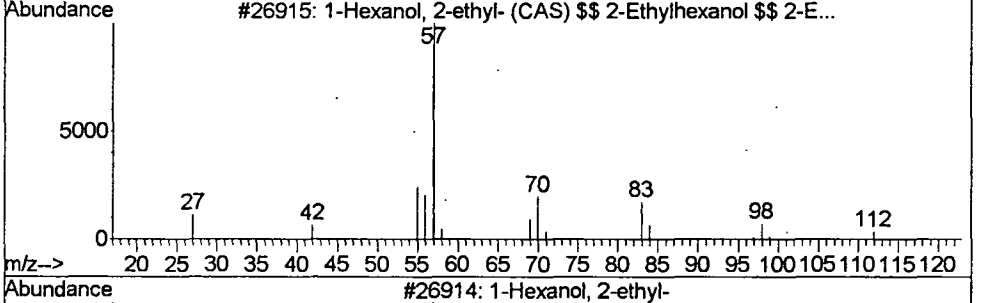
Peak Number 4 1-Hexanol, 2-ethyl- (CAS) $... Concentration Rank 1

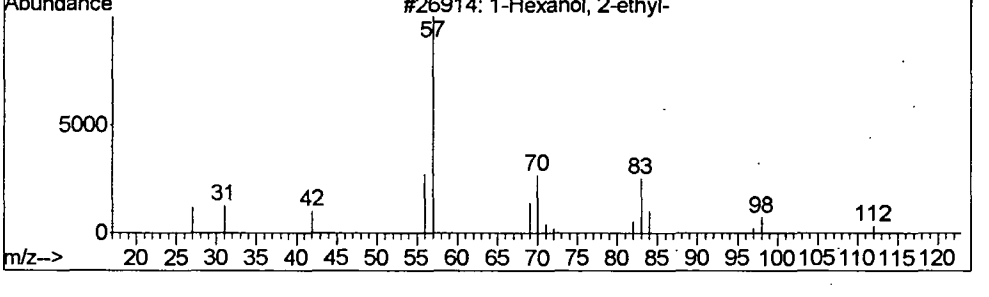
R.T.	EstConc	Area	Relative to ISTD	R.T.
30.49	0.39 ug/L	213500	1,4-Dichlorobenzene-d4	31.54

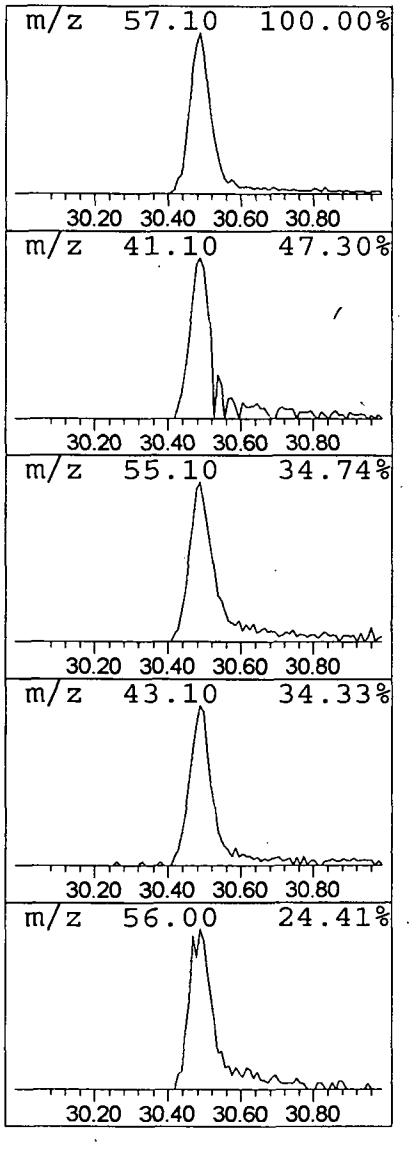
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	86
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78











User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:22:12

Sample: AE10024
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/30/02 17:53 Ended: 4/30/02 17:53 Analyst: BH
Result source: a:\10024.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		5.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.1		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 5/1/12

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:22:12

Sample: AE10024
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/30/02 17:53 Ended: 4/30/02 17:53 Analyst: BH
Result source: a:\10024.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Comments for Sample AE10024 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-06-2002 Time: 16:57:55

2-ETHYL HEXANOL is present in this sample as a 524.2 TIC. The estimated concentration is 0.08 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10024.D Vial: 8
Acq On : 30 Apr 2002 5:53 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 14:35:57 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

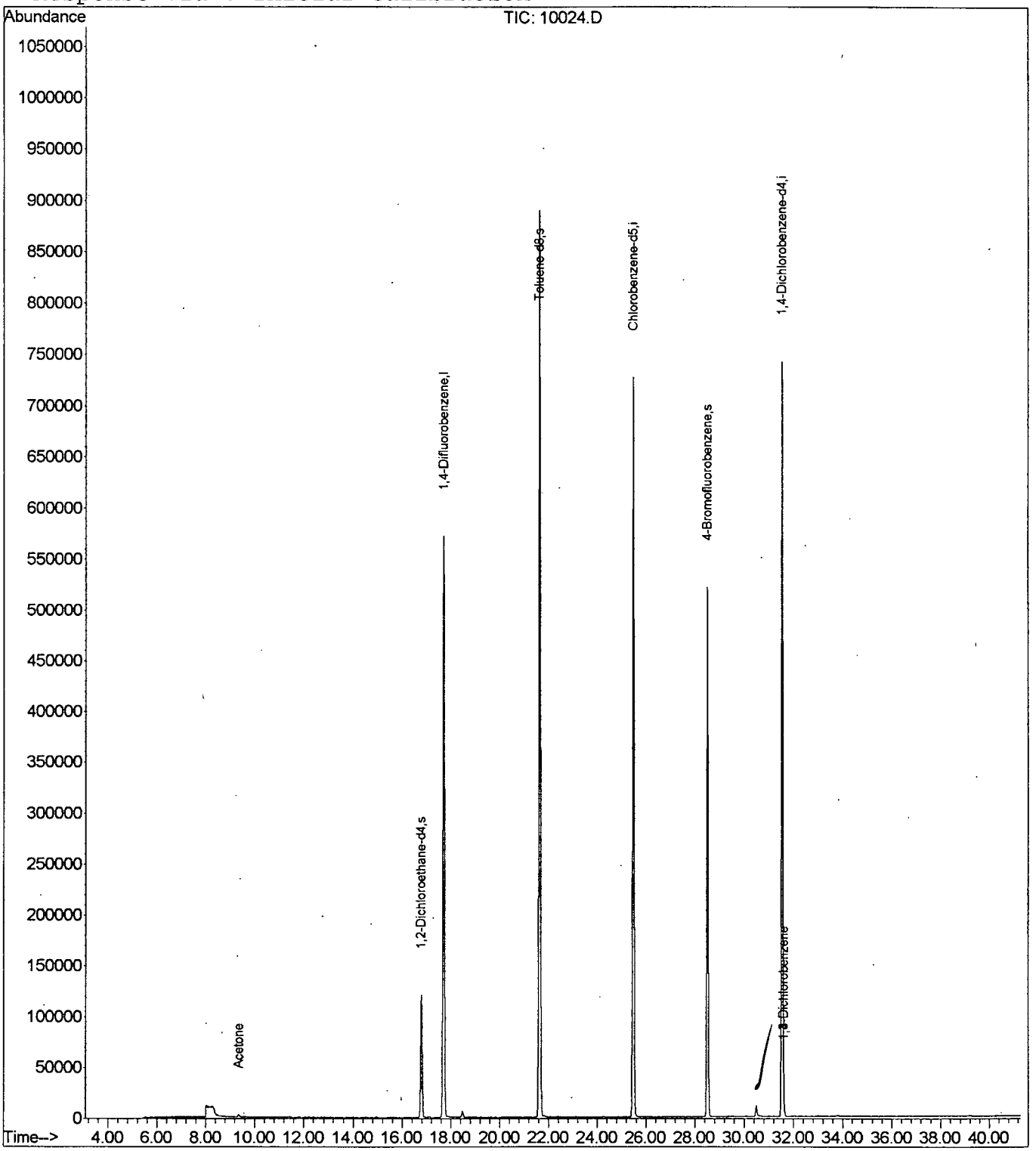
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1031942	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	962923	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.55	150	731775	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	187664	5.00	ug/L	0.02
Spiked Amount 5.000			Recovery = 100.00%			
17) Toluene-d8	21.62	98	1413828	5.10	ug/L	0.00
Spiked Amount 5.000			Recovery = 102.00%			
54) 4-Bromofluorobenzene	28.51	95	431936	5.17	ug/L	0.00
Spiked Amount 5.000			Recovery = 103.40%			
Target Compounds						Qvalue
11) Acetone	9.35	43	8289	2.91	ug/L	91
65) 1,3-Dichlorobenzene	31.62	146	5204	0.07	ug/L	95
66) 1,4-Dichlorobenzene	31.62	146	5204	0.07	ug/L	95

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10024.D Vial: 8
Acq On : 30 Apr 2002 5:53 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 1 14:35 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10024.D Vial: 8
Acq On : 30 Apr 2002 5:53 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

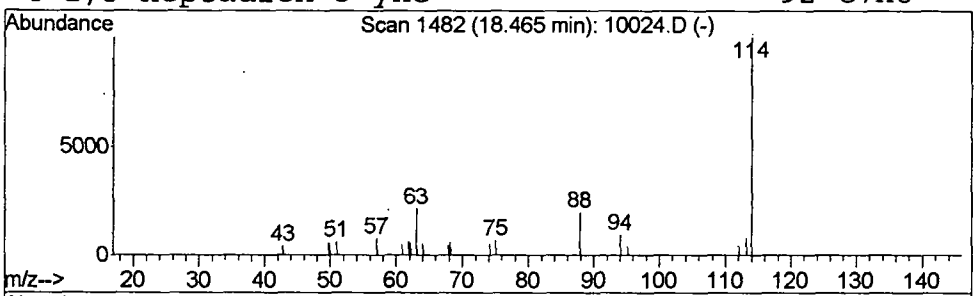
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

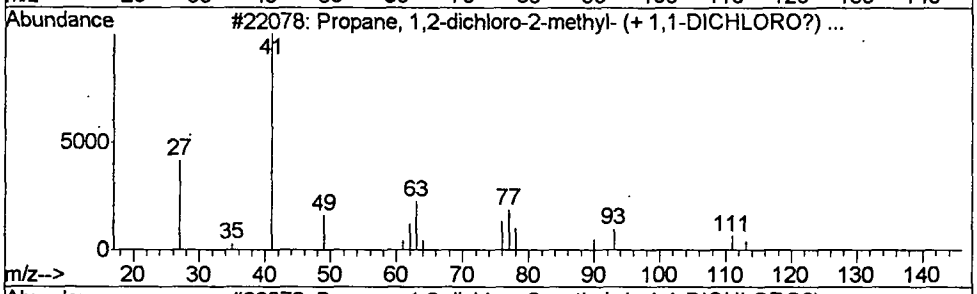
****

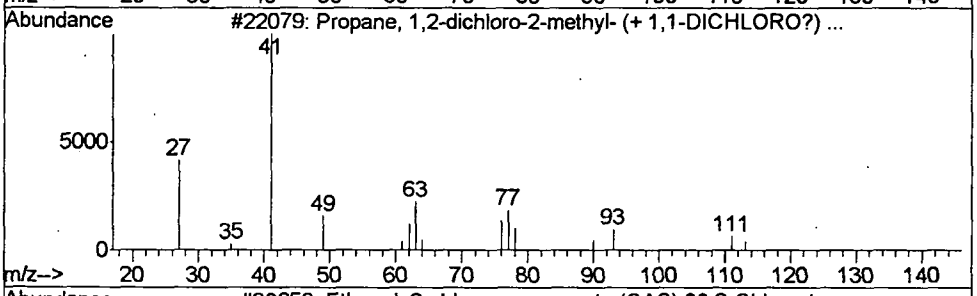
Peak Number 3 Propane, 1,2-dichloro-2-met... Concentration Rank 3

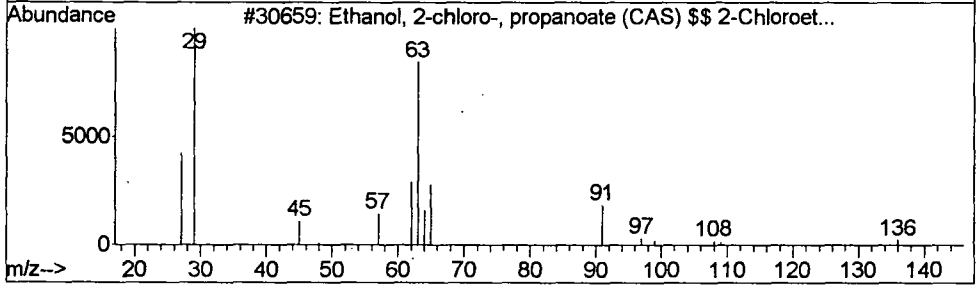
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	0.06 ug/L	25778	1,4-Difluorobenzene	17.70

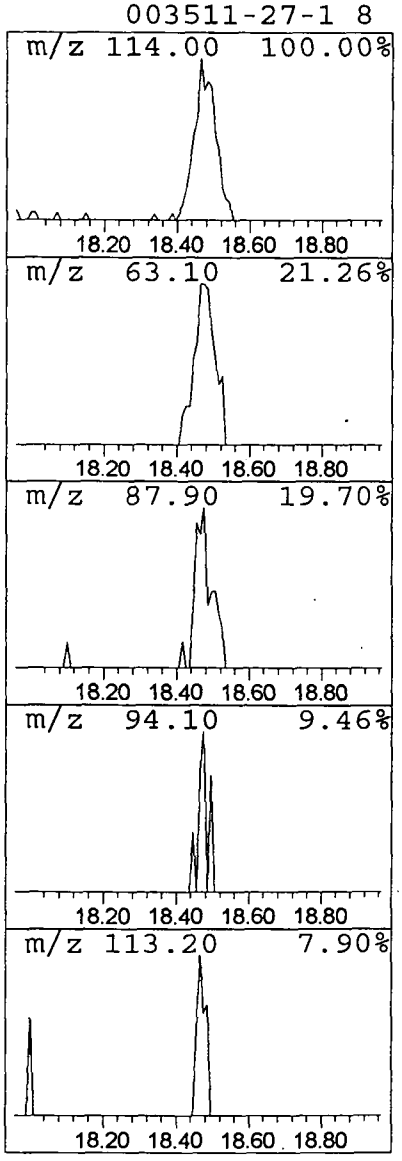
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,2-dichloro-2-methyl- ...	126	C4H8Cl2	000594-37-6	10
2	Propane, 1,2-dichloro-2-methyl- ...	126	C4H8Cl2	000594-37-6	10
3	Ethanol, 2-chloro-, propanoate (...	136	C5H9ClO2	001487-40-7	9
4	1,5-Heptadien-3-yne	92	C7H8	003511-27-1	8











Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10024.D Vial: 8
Acq On : 30 Apr 2002 5:53 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

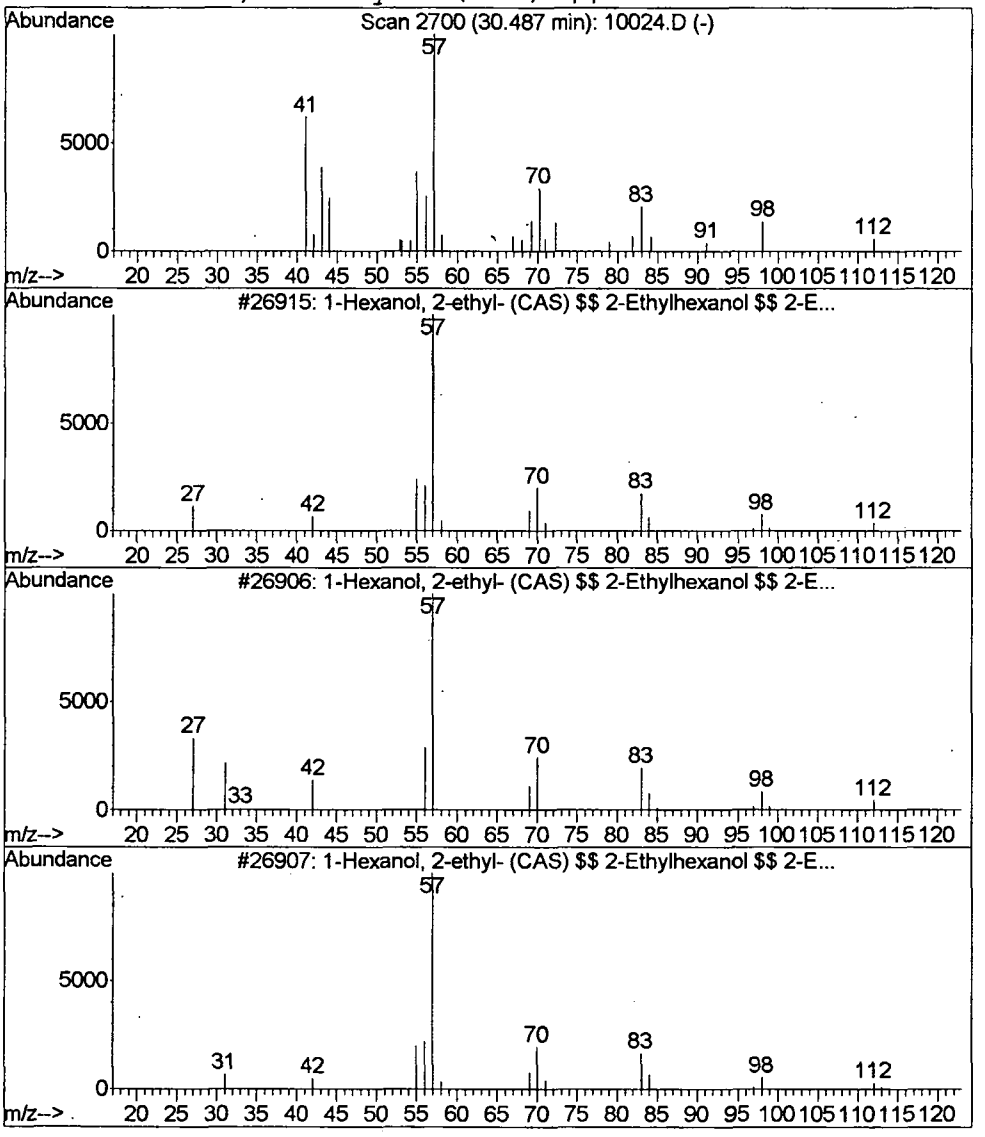
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

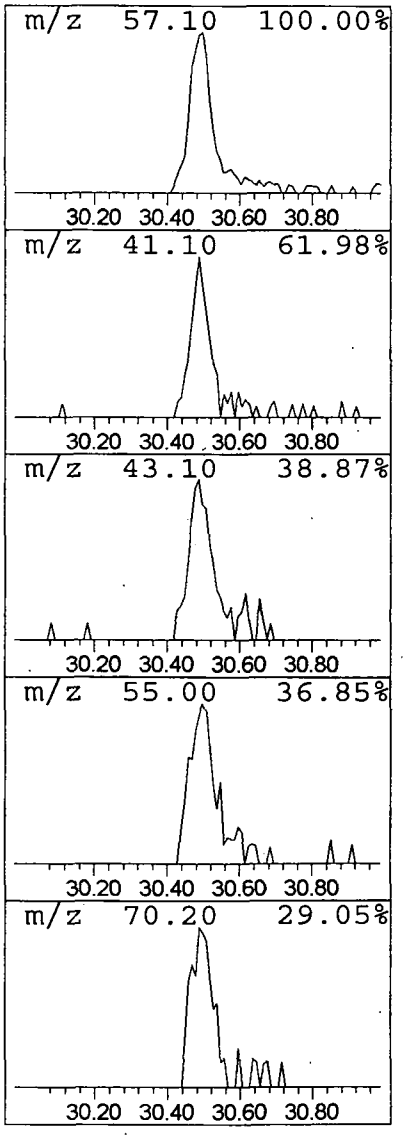
****

Peak Number 4 1-Hexanol, 2-ethyl- (CAS) $... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.49	0.08 ug/L	44335	1,4-Dichlorobenzene-d4	31.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	59
2	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	59
3	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	59
4	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	53





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:22:29

Sample: AE10025
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/30/02 18:40 Ended: 4/30/02 18:40 Analyst: BH
Result source: a:\10025.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.9		0.5
2	Surr - 4-BROMOFLUOROBENZ		5.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.1		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 5/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:22:29

Sample: AE10025
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/30/02 18:40 Ended: 4/30/02 18:40 Analyst: BH
Result source: a:\10025.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Comments for Sample AE10025 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-06-2002 Time: 16:58:15

2-ETHYL HEXANOL is present in this sample as a 524.2 TIC. The estimated concentration is 0.26 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10025.D Vial: 9
Acq On : 30 Apr 2002 6:40 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 14:36:03 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

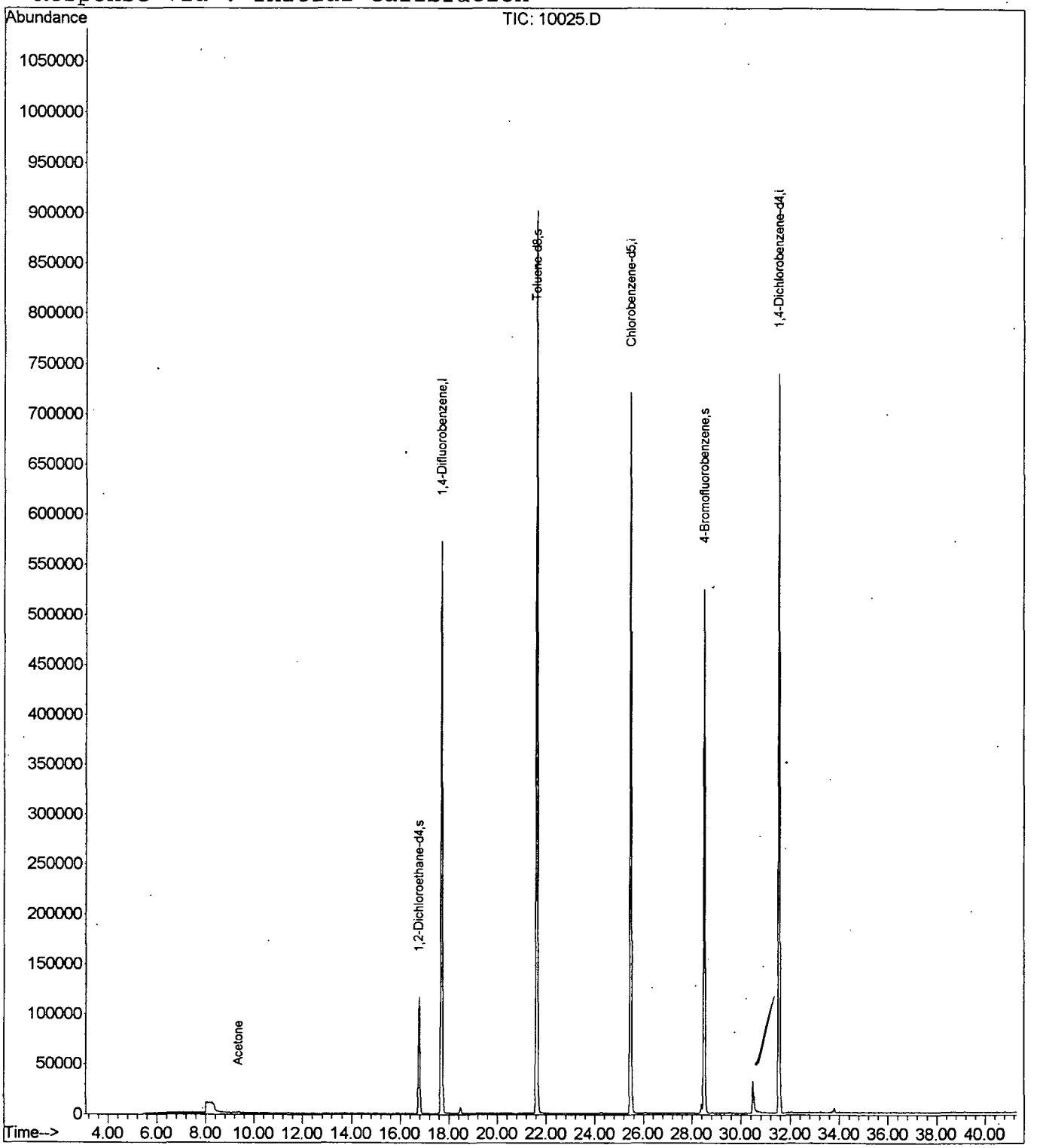
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1030358	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	957468	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.55	150	729380	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	182393	4.86	ug/L	0.02
Spiked Amount 5.000			Recovery = 97.20%			
17) Toluene-d8	21.63	98	1421413	5.14	ug/L	0.02
Spiked Amount 5.000			Recovery = 102.80%			
54) 4-Bromofluorobenzene	28.51	95	432852	5.20	ug/L	0.00
Spiked Amount 5.000			Recovery = 104.00%			
Target Compounds						Qvalue
11) Acetone	9.36	43	4245	1.49	ug/L	99

(#) = qualifier out of range (m) = manual integration
10025.D W042302.M Wed May 01 14:36:05 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10025.D Vial: 9
Acq On : 30 Apr 2002 6:40 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 1 14:36 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10025.D Vial: 9
Acq On : 30 Apr 2002 6:40 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

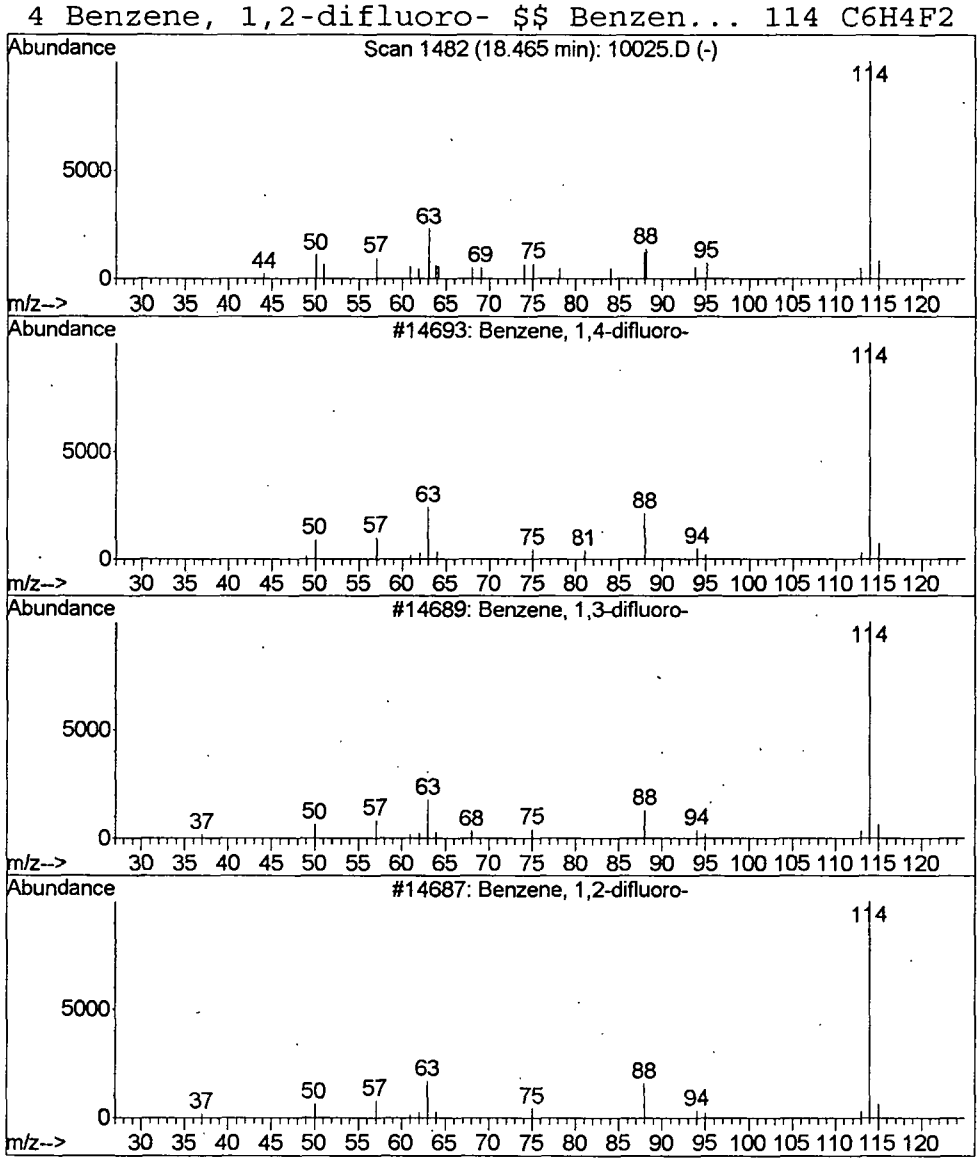
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

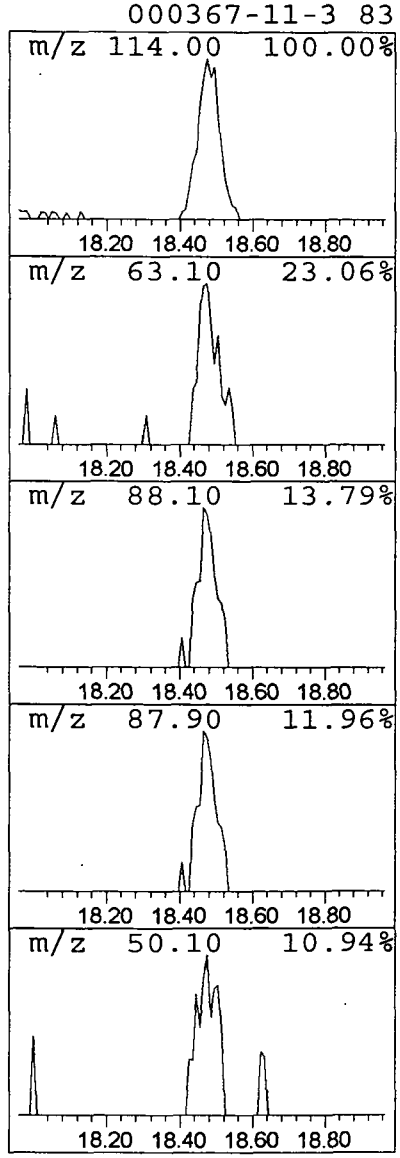
****

Peak Number 1 Benzene, 1,4-difluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	0.06 ug/L	26464	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	90
2	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	90
3	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	86
4	Benzene, 1,2-difluoro- $$ Benzen...	114	C6H4F2	000367-11-3	83





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10025.D Vial: 9
Acq On : 30 Apr 2002 6:40 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

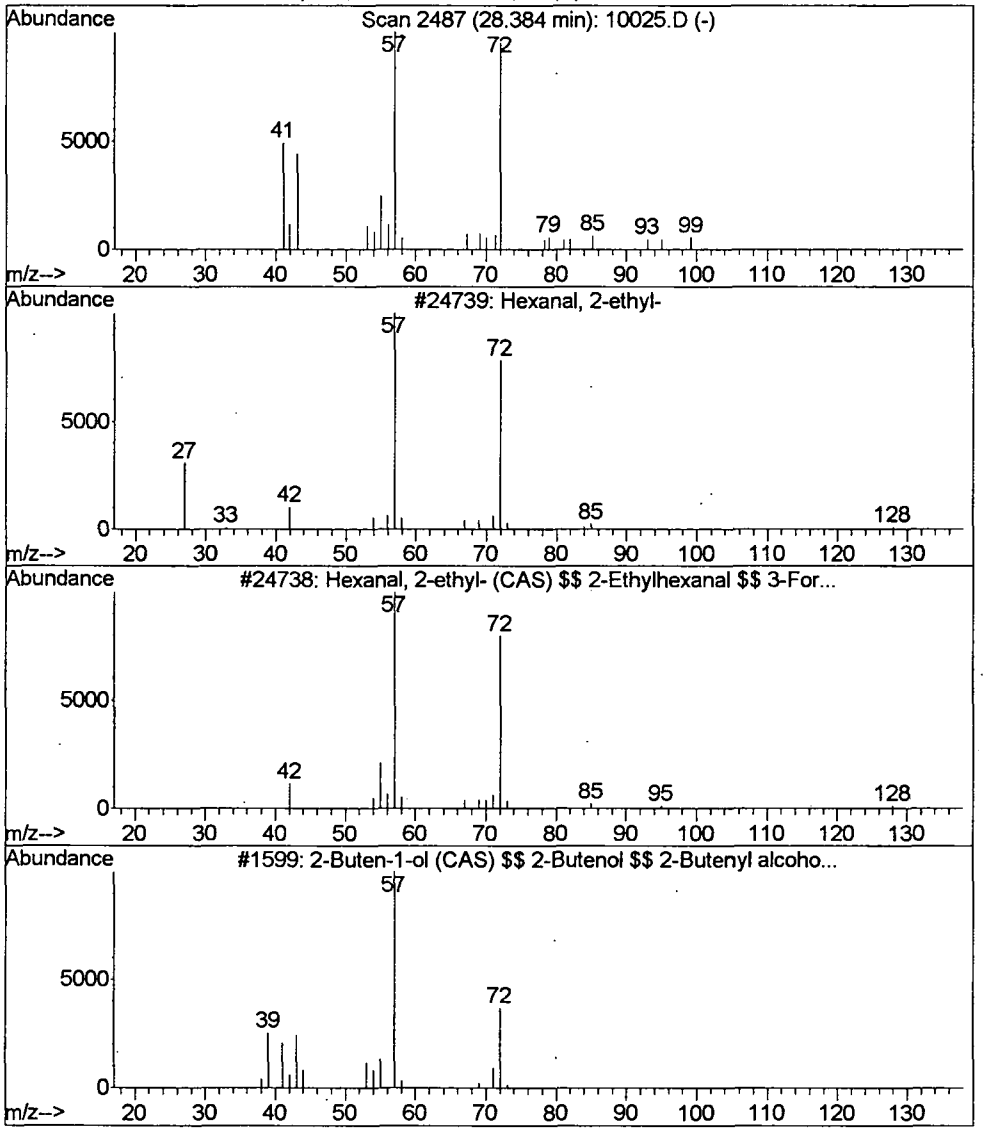
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

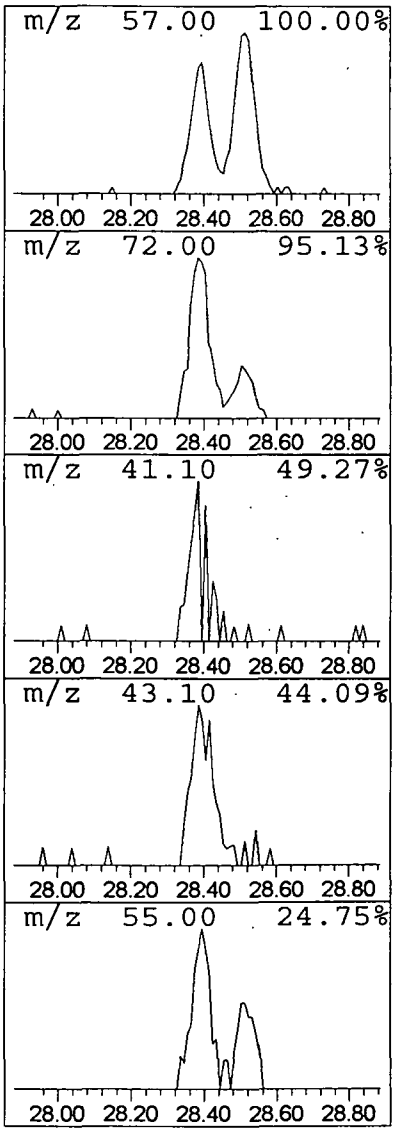
****

Peak Number 2 Hexanal, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.38	0.06 ug/L	32880	Chlorobenzene-d5	25.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	64
2	Hexanal, 2-ethyl- (CAS) $$ 2-Eth...	128	C8H16O	000123-05-7	64
3	2-Buten-1-ol (CAS) $$ 2-Butenol ...	72	C4H8O	006117-91-5	59
4	2-Buten-1-ol, (E)- (CAS) $$ tran...	72	C4H8O	000504-61-0	59





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10025.D Vial: 9
Acq On : 30 Apr 2002 6:40 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

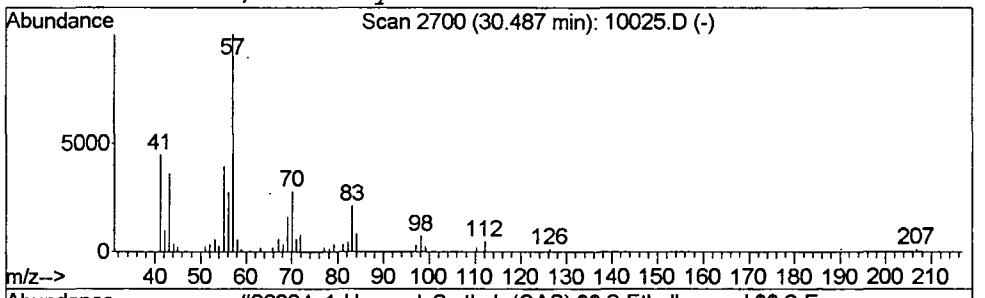
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

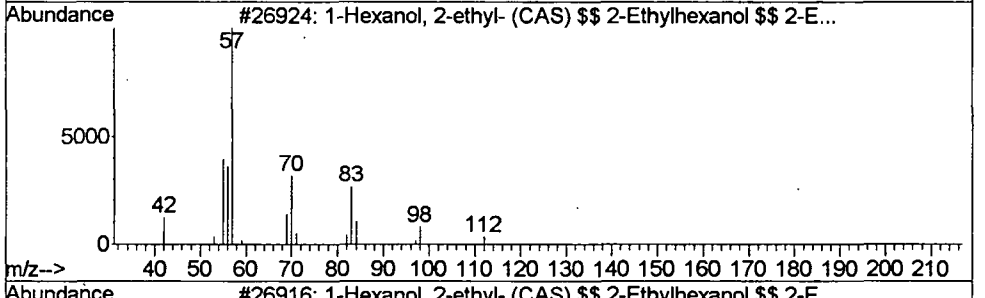
****

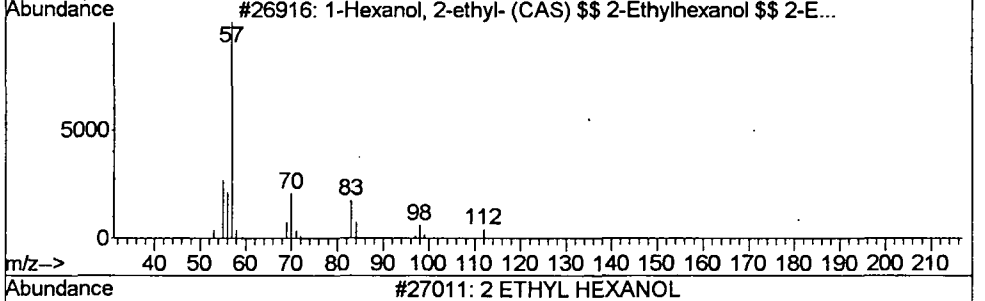
Peak Number 3 1-Hexanol, 2-ethyl- (CAS) $... Concentration Rank 1

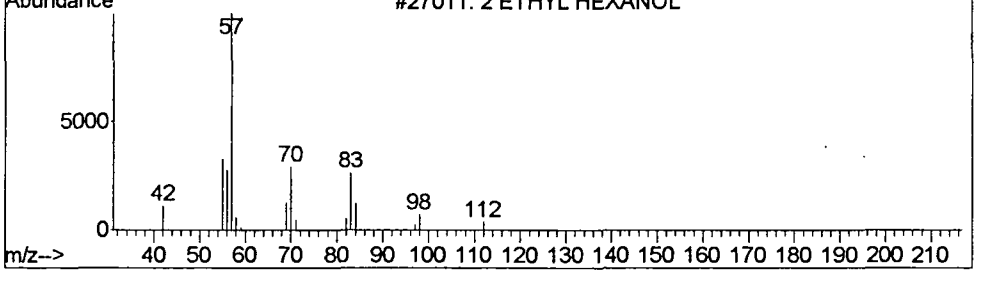
R.T.	EstConc	Area	Relative to ISTD	R.T.
30.49	0.26 ug/L	140600	1,4-Dichlorobenzene-d4	31.55

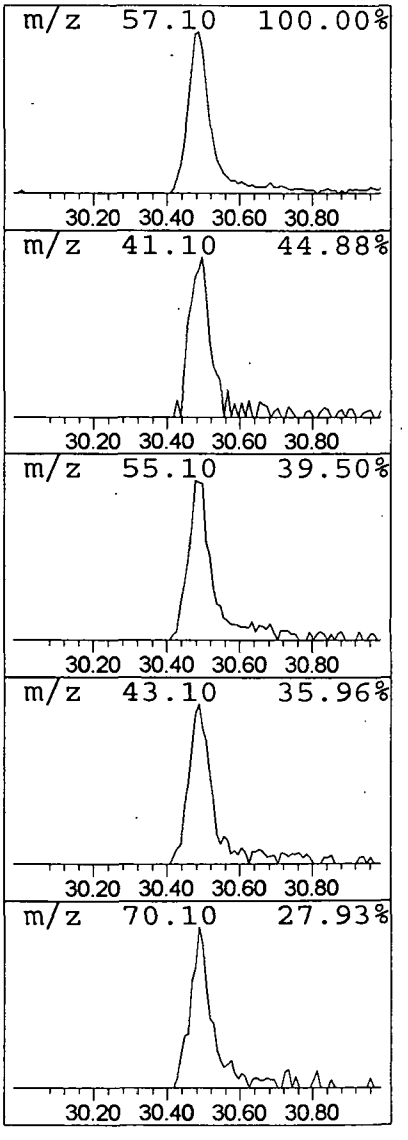
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	90
3	2 ETHYL HEXANOL	130	C8H18O	000104-76-7	86
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86











Data File : C:\MSDCHEM\1\5973N\02APR30\10025.D Vial: 9
Acq On : 30 Apr 2002 6:40 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

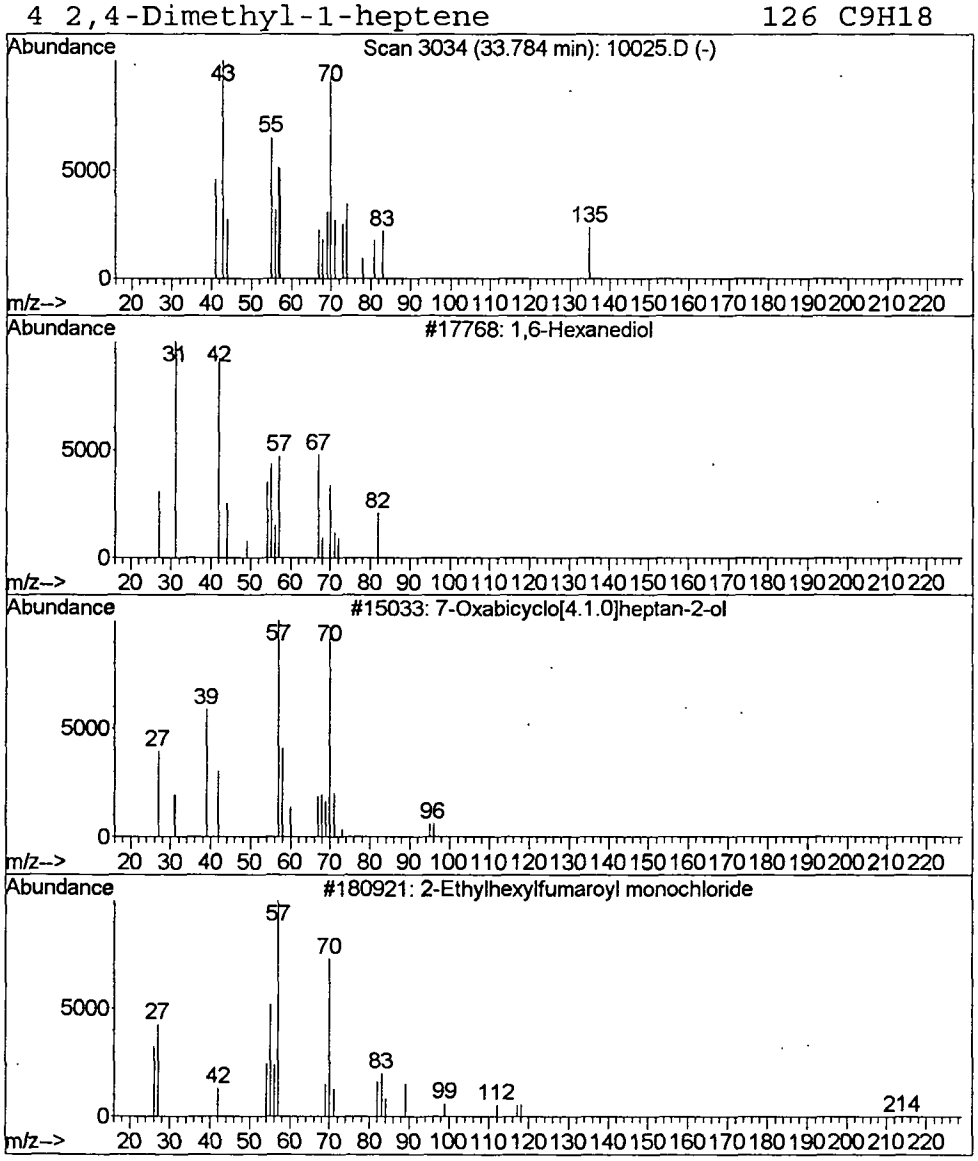
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

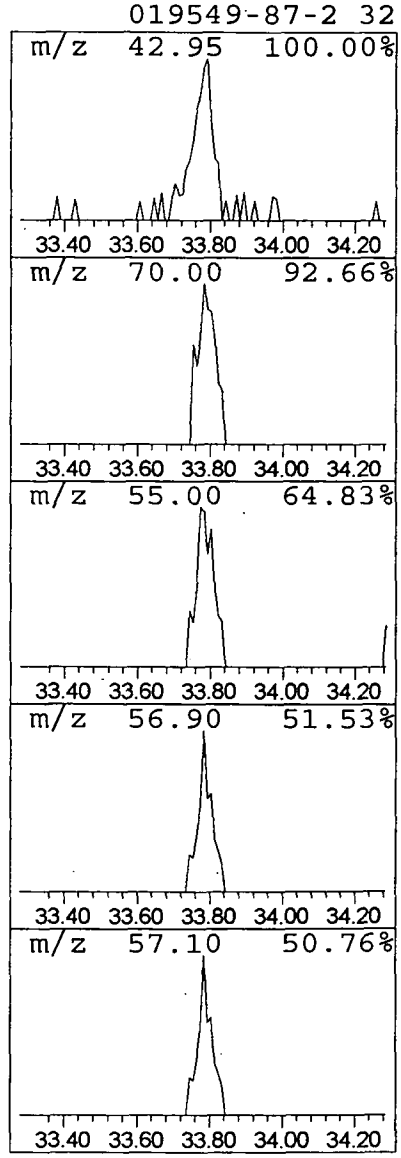
****

Peak Number 4 1,6-Hexanediol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.78	0.03 ug/L	16394	1,4-Dichlorobenzene-d4	31.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Hexanediol	118	C6H14O2	000629-11-8	38
2	7-Oxabicyclo[4.1.0]heptan-2-ol	114	C6H10O2	001192-78-5	37
3	2-Ethylhexylfumaroyl monochloride	246	C12H19ClO3	000000-00-0	37
4	2,4-Dimethyl-1-heptene	126	C9H18	019549-87-2	32





Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may02\10025A.D Vial: 4
Acq On : 2 May 2002 10:45 am Operator: 201-wb
Sample : nyc re-inj for unknowns Inst : GC/MS Ins
Misc : May 2, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 2 11:23 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Apr 23 13:59:39 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1112725	5.00	ug/L	0.07
24) CHLOROBENZENE-D5	21.81	117	975918	5.00	ug/L	0.07
52) 1,4-DICHLOROBENZENE-D4	27.00	152	455966	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	502625	4.93	ug/L	0.07
Spiked Amount 5.000			Recovery =	98.60%		
3) 4-BROMOFLUOROBENZENE	24.40	174	369433	4.49	ug/L	0.07
Spiked Amount 5.000			Recovery =	89.80%		
25) TOLUENE-D8	18.51	98	1302985	5.17	ug/L	0.07
Spiked Amount 5.000			Recovery =	103.40%		
Target Compounds						Qvalue
12) ACETONE	8.29	43	23263	2.46	ug/L	87

to confirm the presence of TIC @ 26.0 min

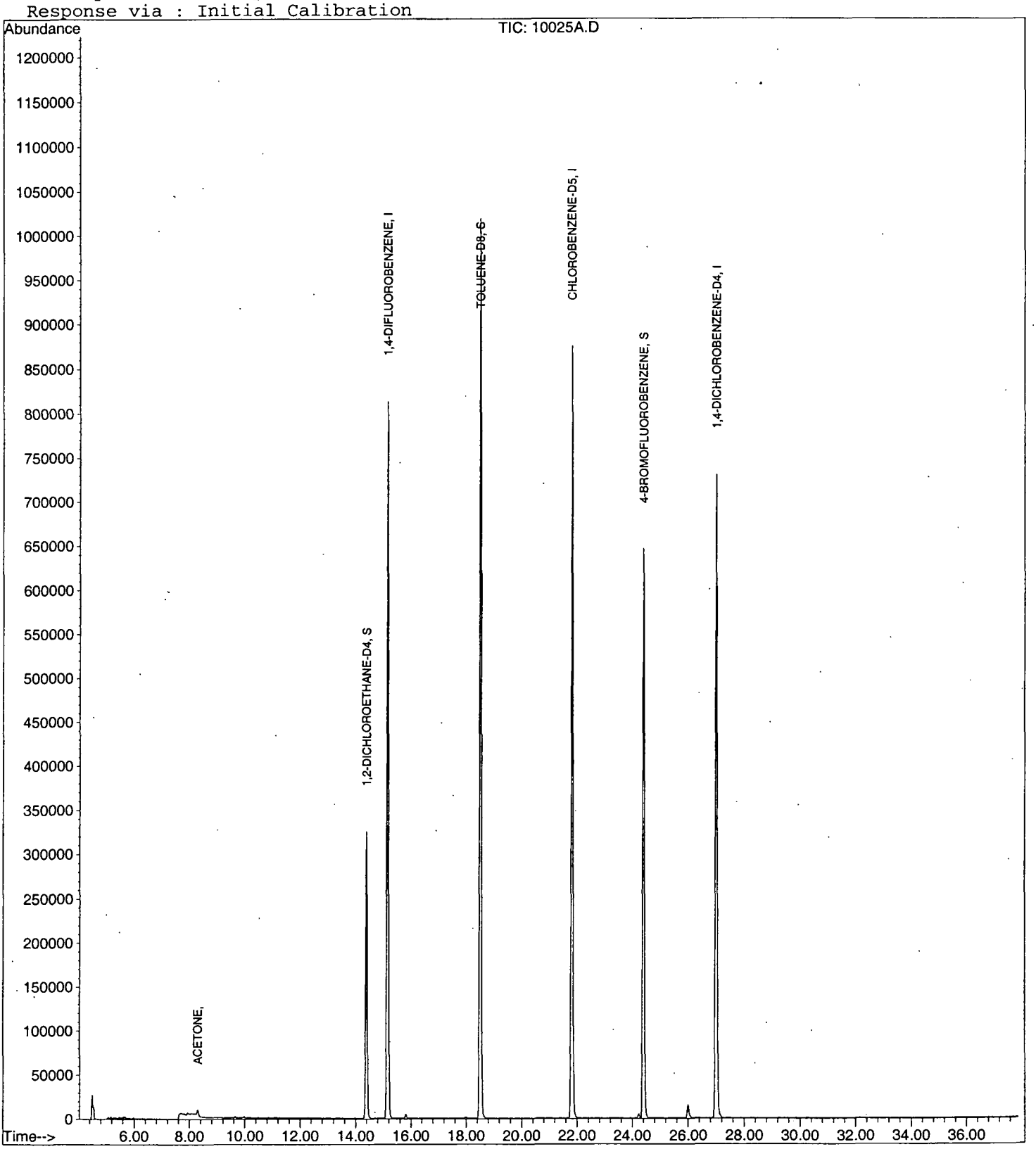
did confirm.

(#) = qualifier out of range (m) = manual integration
10025A.D HP042202.M Thu May 02 11:23:36 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may02\10025A.D Vial: 4
Acq On : 2 May 2002 10:45 am Operator: 201-wb
Sample : nyc re-inj for unknowns Inst : GC/MS Ins
Misc : May 2, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 2 11:23 2002 Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



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File        : C:\HPCHEM\1\DATA\02MAY02\10025A.D
Operator    : 201-wb
Acquired    :  2 May 2002  10:45 am using AcqMethod HP042202
Instrument :    GC/MS Ins
Sample Name: nyc re-inj for unknowns
Misc Info   : May 2, 2002
Vial Number: 4
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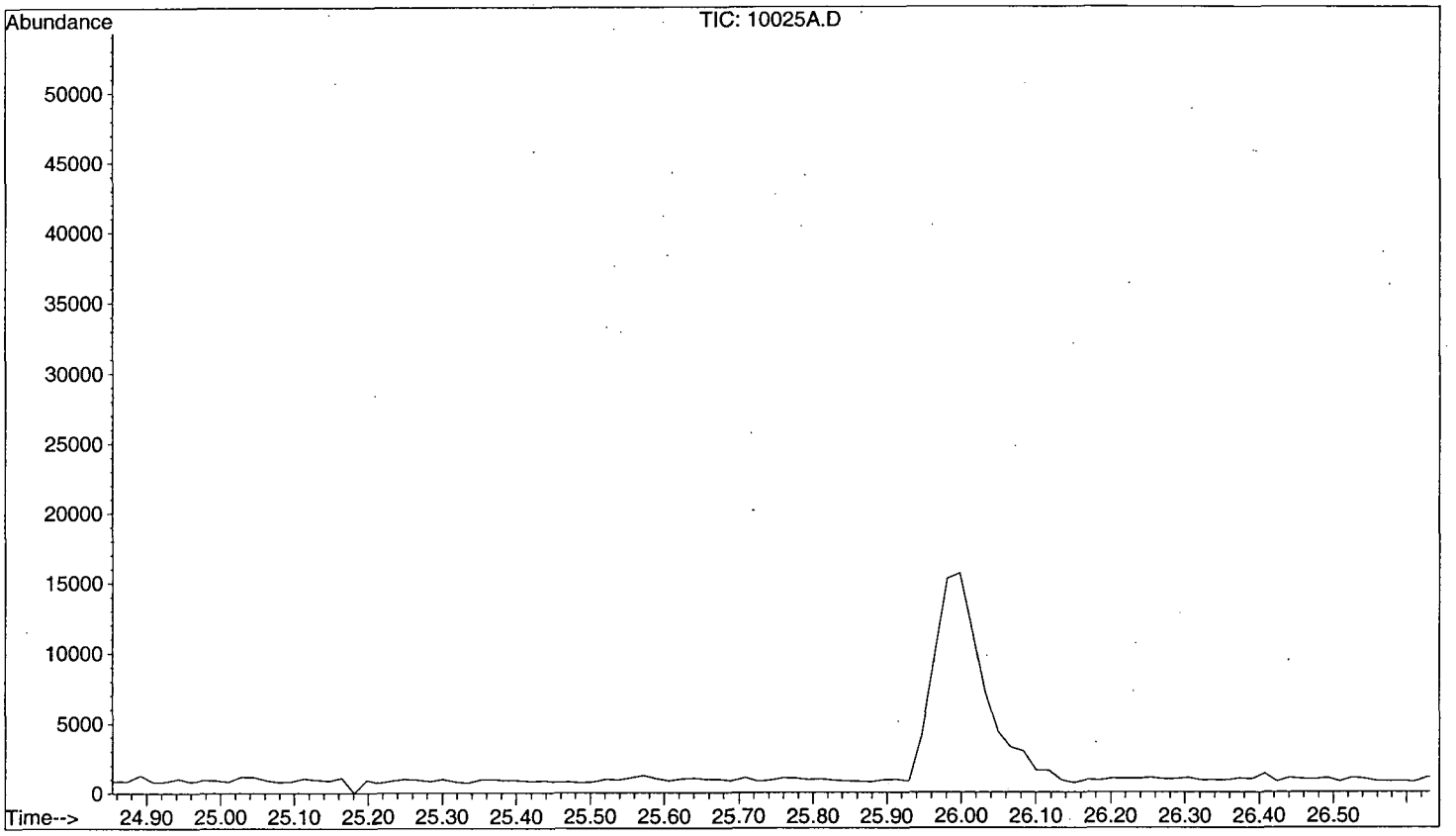
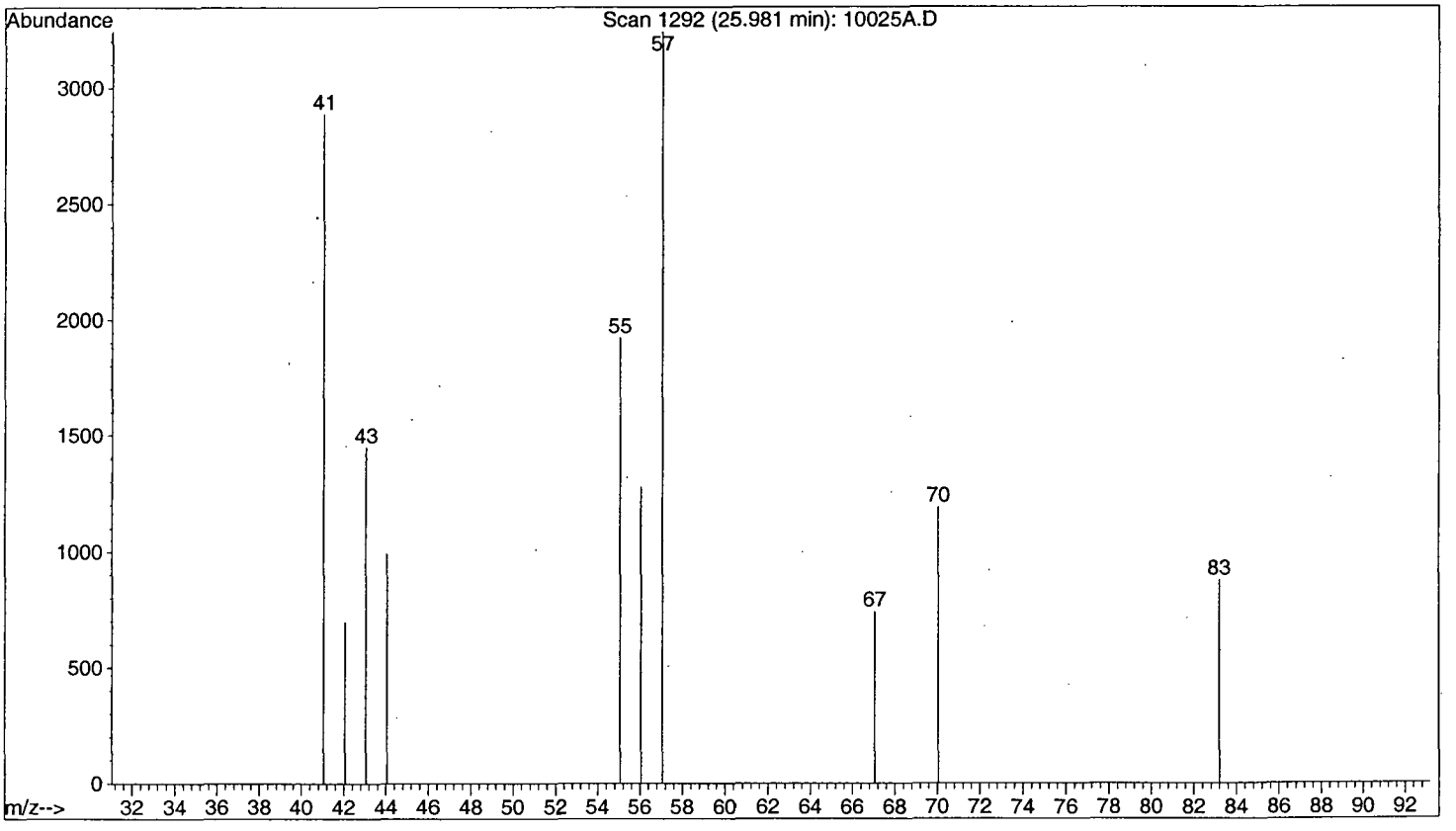




User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:22:48

Sample: AE10159
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/30/02 19:26 Ended: 4/30/02 19:26 Analyst: BH
Result source: a:\10159.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.9		0.5
2	Surr - 4-BROMOFLUOROBENZ		5.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.1		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY TDP AV
DATE 5/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:22:48

Sample: AE10159
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/30/02 19:26 Ended: 4/30/02 19:26 Analyst: BH
Result source: a:\10159.rr
Page: 2

	Component Name	Viol.	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Comments for Sample AE10159 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-06-2002 Time: 16:58:40

2-ETHYL HEXANOL is present in this sample as a 524.2 TIC. The estimated concentration is 0.08 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10159.D Vial: 10
Acq On : 30 Apr 2002 7:26 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 14:36:09 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

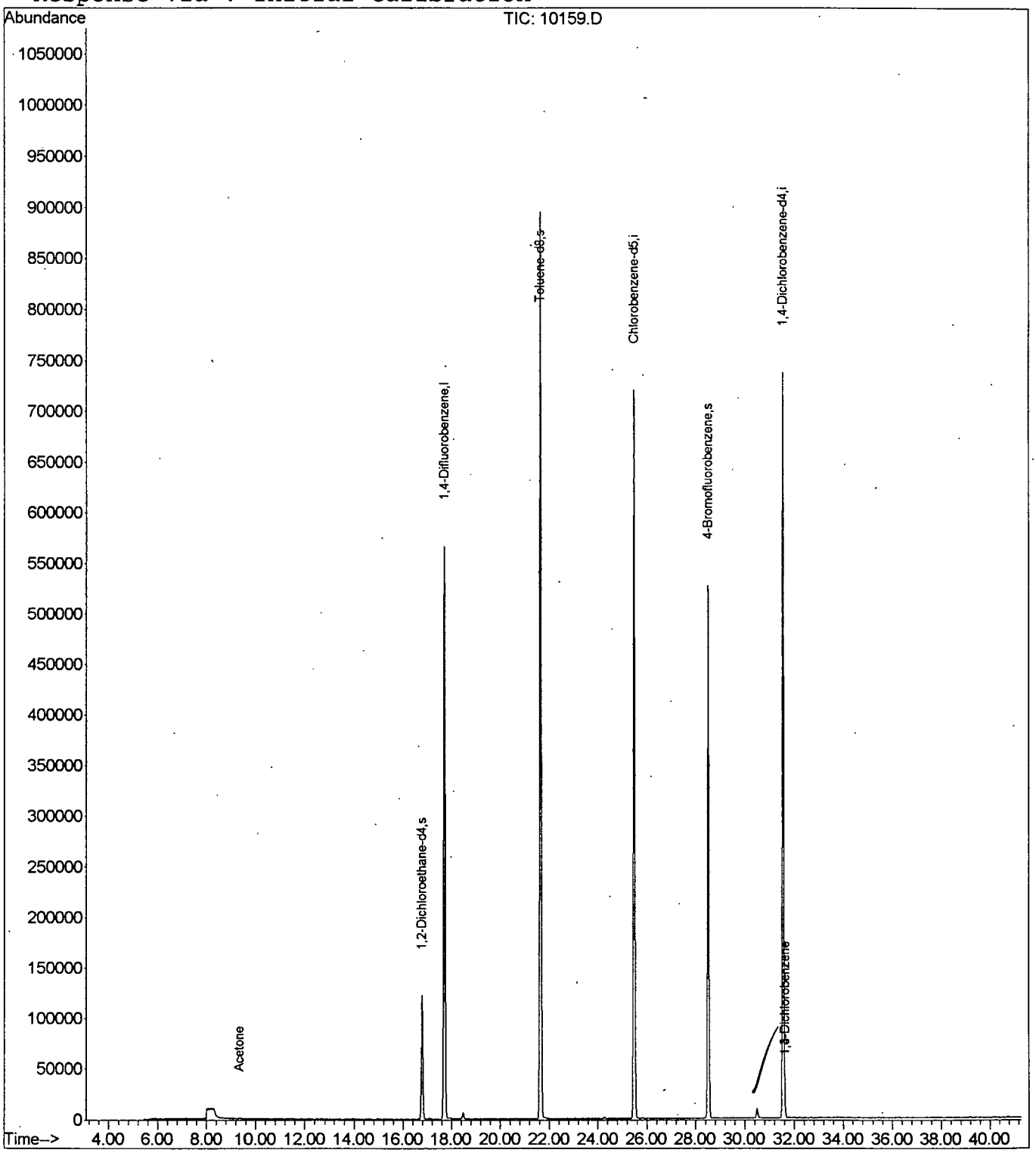
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1027268	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	950402	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	729209	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	184595	4.94	ug/L	0.02
Spiked Amount 5.000			Recovery = 98.80%			
17) Toluene-d8	21.63	98	1415232	5.13	ug/L	0.02
Spiked Amount 5.000			Recovery = 102.60%			
54) 4-Bromofluorobenzene	28.51	95	431433	5.19	ug/L	0.00
Spiked Amount 5.000			Recovery = 103.80%			
Target Compounds						Qvalue
11) Acetone	9.35	43	3133	1.11	ug/L	83
65) 1,3-Dichlorobenzene	31.63	146	6472	0.09	ug/L	91
66) 1,4-Dichlorobenzene	31.63	146	6472	0.09	ug/L	91

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10159.D Vial: 10
Acq On : 30 Apr 2002 7:26 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 1 14:36 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10159.D Vial: 10
Acq On : 30 Apr 2002 7:26 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

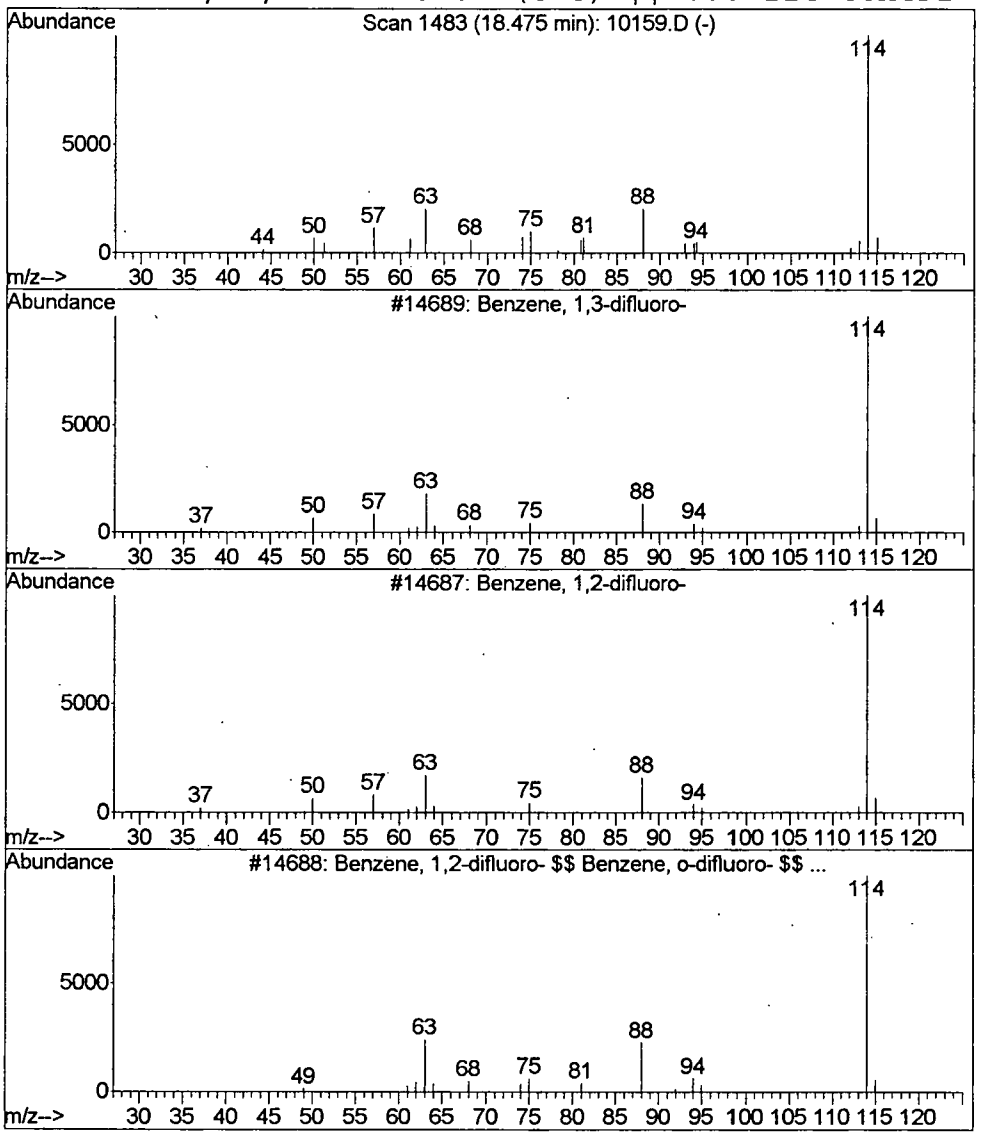
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

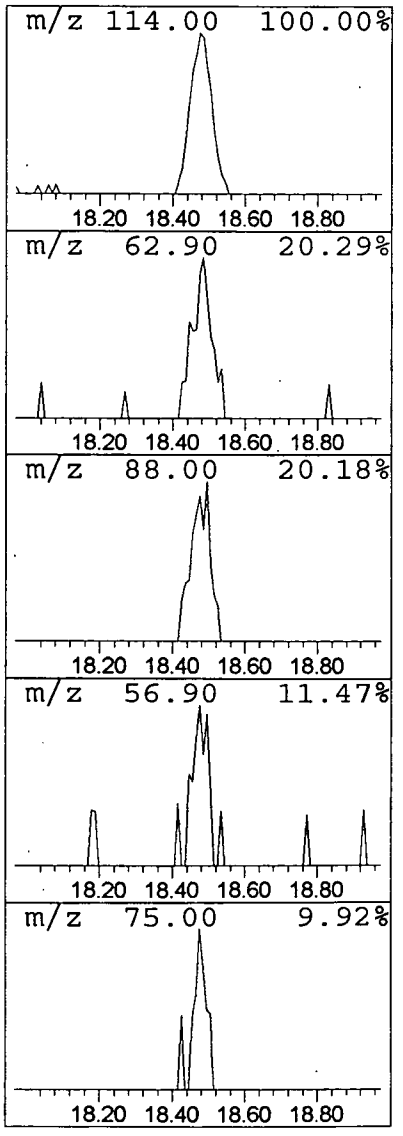
****

Peak Number 3 Benzene, 1,3-difluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	0.05 ug/L	24511	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	86
2	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	80
3	Benzene, 1,2-difluoro- $$ Benzen...	114	C6H4F2	000367-11-3	80
4	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	80





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10159.D Vial: 10
Acq On : 30 Apr 2002 7:26 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

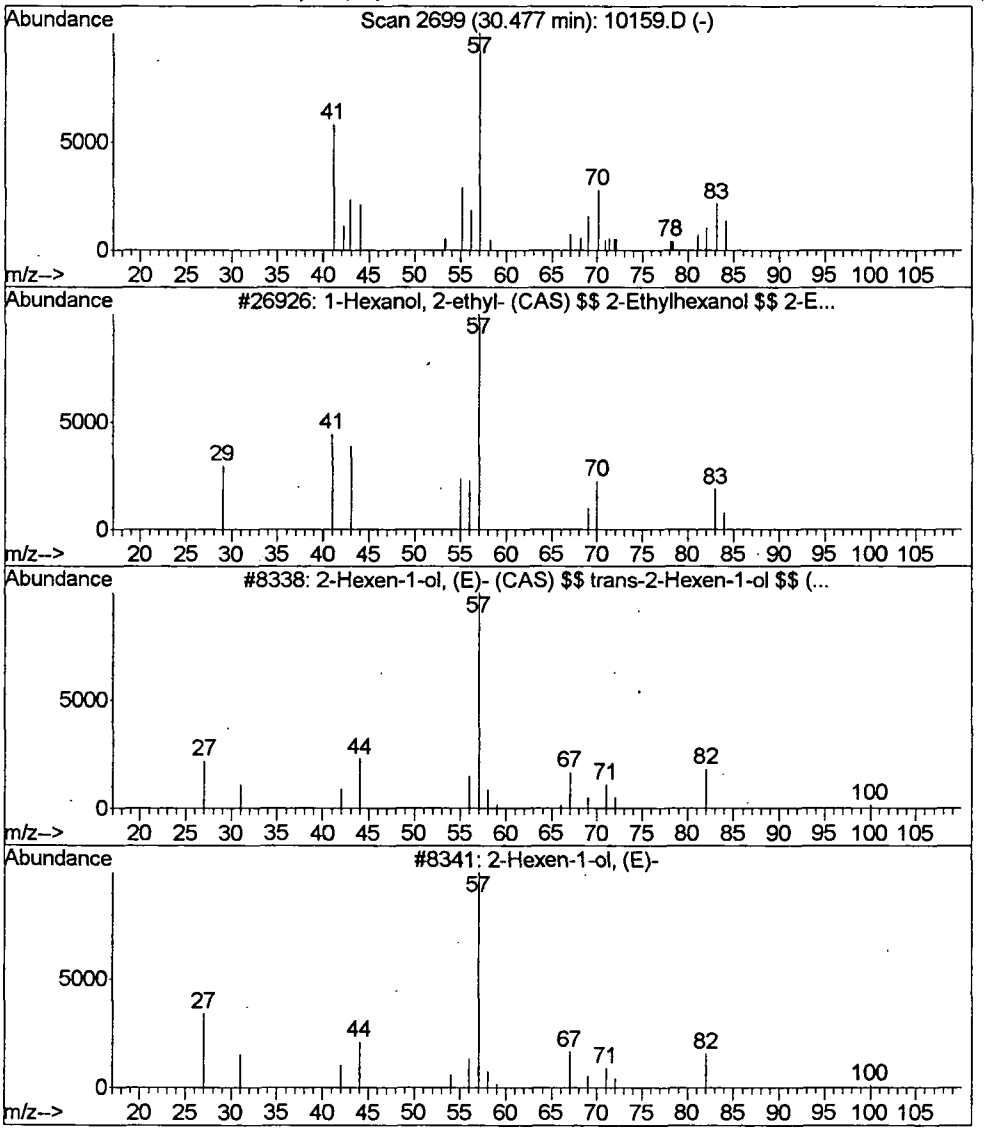
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

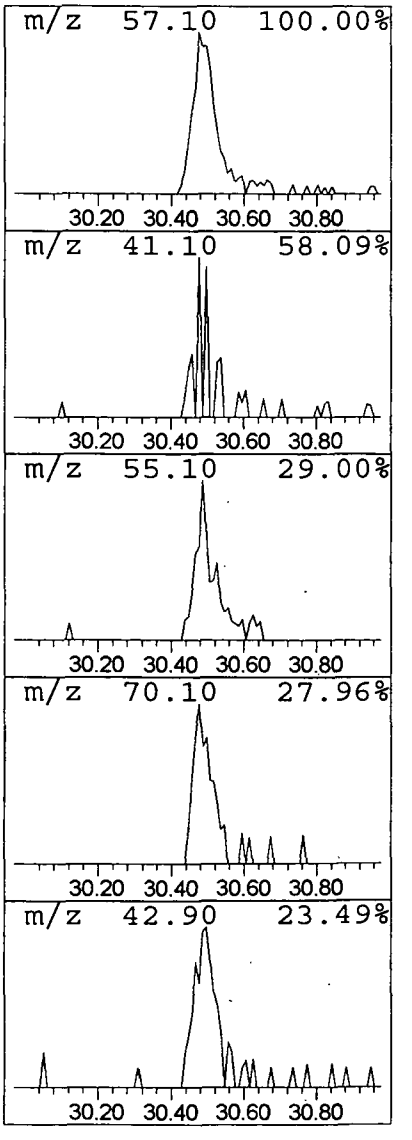
****

Peak Number 4 1-Hexanol, 2-ethyl- (CAS) $... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.48	0.08 ug/L	44294	1,4-Dichlorobenzene-d4	31.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	50
2	2-Hexen-1-ol, (E)- (CAS) $$ tran...	100	C6H12O	000928-95-0	43
3	2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	37
4	2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	37





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:23:09

Sample: AE10160
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/30/02 20:13 Ended: 4/30/02 20:13 Analyst: BH
Result source: a:\10160.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.9		0.5
2	Surr - 4-BROMOFLUOROBENZ		5.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 5/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:23:09

Sample: AE10160
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/30/02 20:13 Ended: 4/30/02 20:13 Analyst: BH
Result source: a:\10160.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Comments for Sample AE10160 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-06-2002 Time: 16:58:56

2-ETHYL HEXANOL is present in this sample as a 524.2 TIC. The estimated concentration is 0.33 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10160.D Vial: 11
Acq On : 30 Apr 2002 8:13 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 14:36:19 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

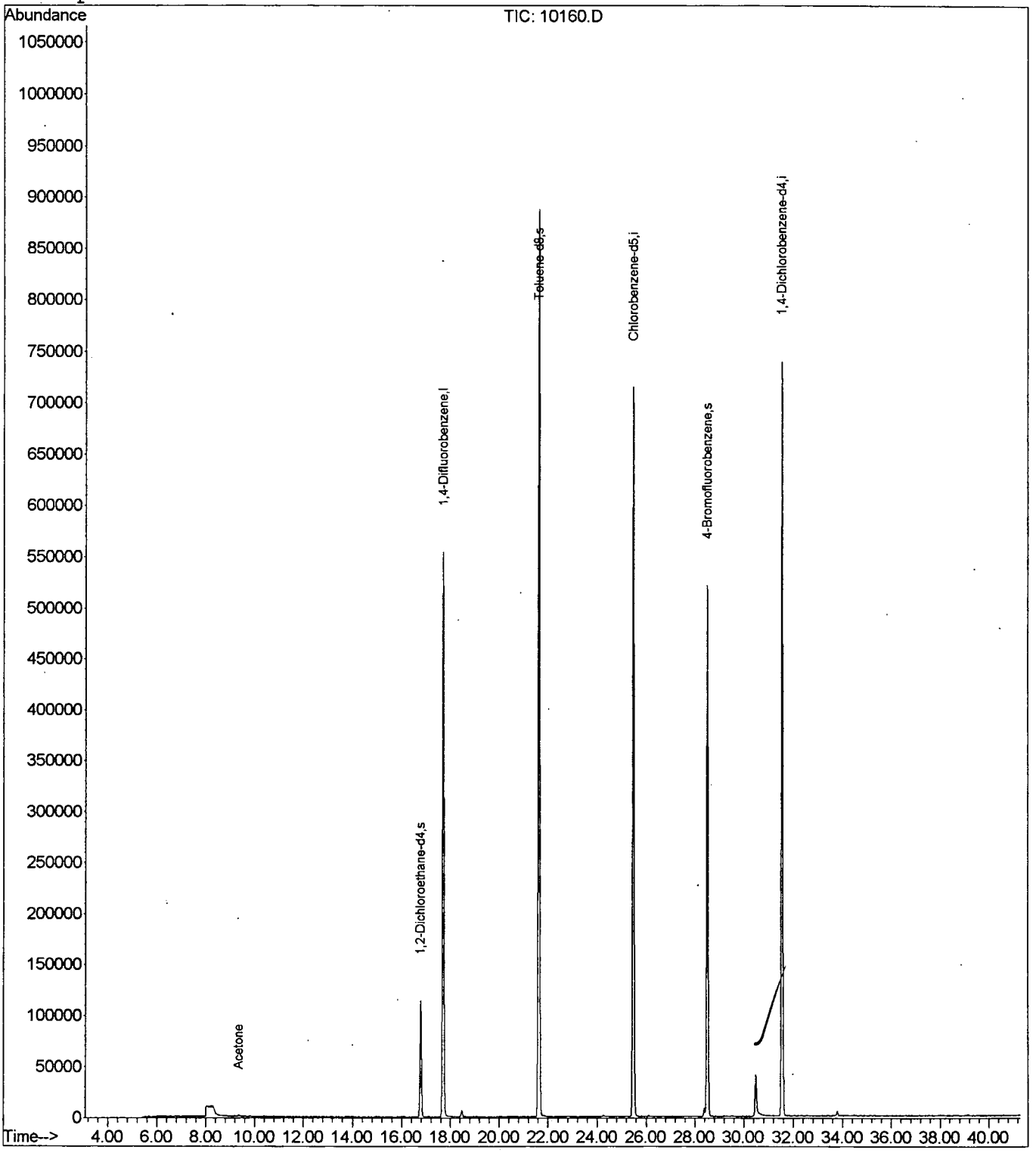
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1007453	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	945417	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	724592	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.79	65	180080	4.91	ug/L	0.03
Spiked Amount 5.000			Recovery = 98.20%			
17) Toluene-d8	21.63	98	1395699	5.16	ug/L	0.02
Spiked Amount 5.000			Recovery = 103.20%			
54) 4-Bromofluorobenzene	28.51	95	429688	5.20	ug/L	0.00
Spiked Amount 5.000			Recovery = 104.00%			
Target Compounds						Qvalue
11) Acetone	9.35	43	4045	1.46	ug/L	94

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10160.D Vial: 11
Acq On : 30 Apr 2002 8:13 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 1 14:36 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10160.D Vial: 11
Acq On : 30 Apr 2002 8:13 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

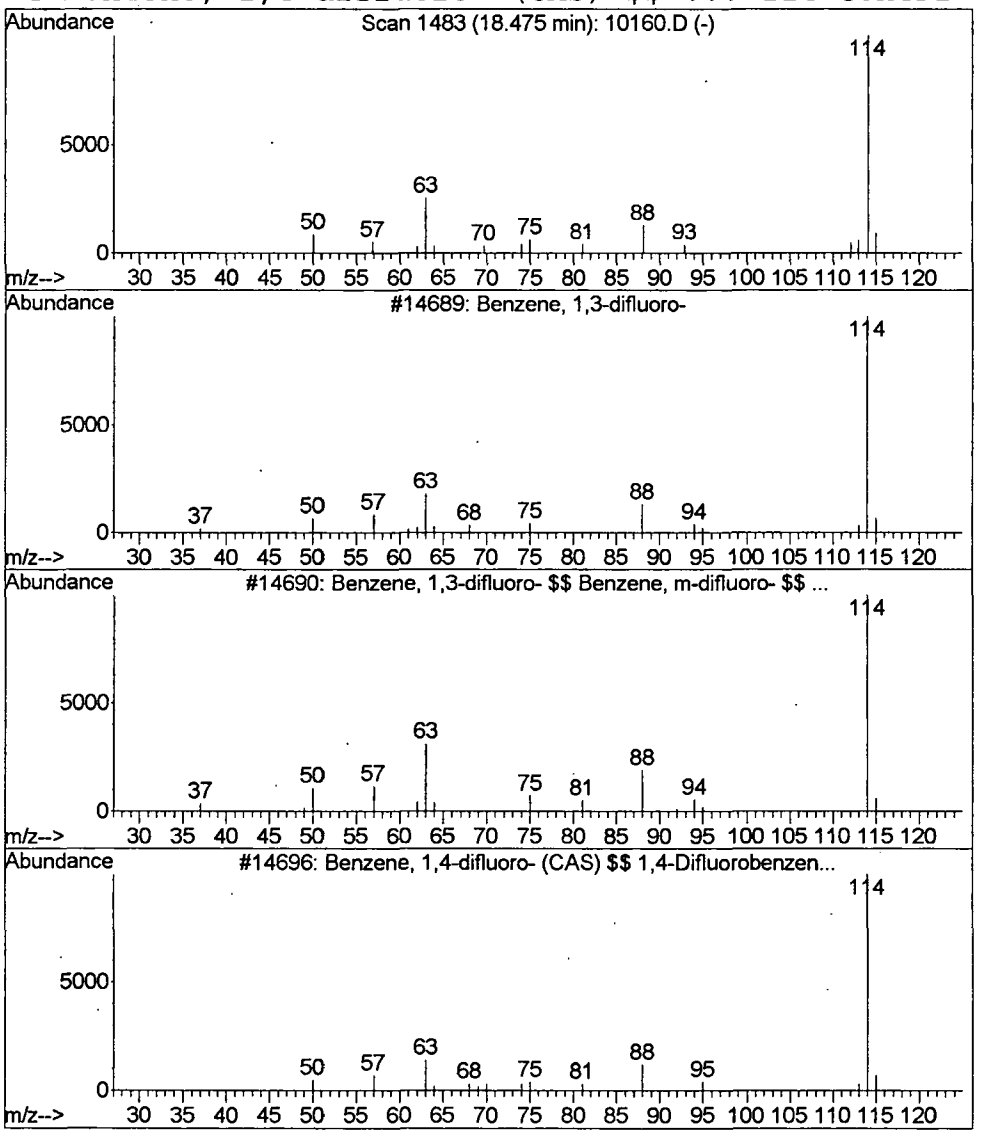
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

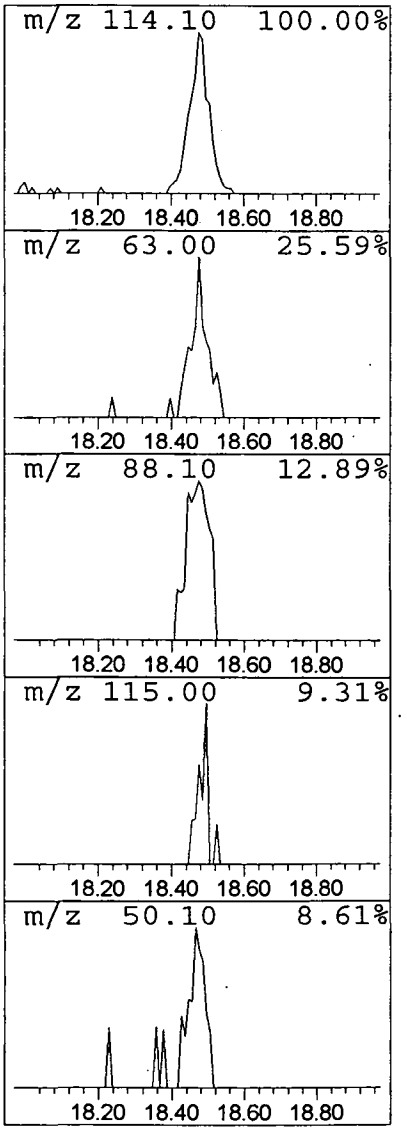
****

Peak Number 1 Benzene, 1,3-difluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.06 ug/L	26989	1,4-Difluorobenzene	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	86
2	Benzene, 1,3-difluoro- $$ Benzen...	114	C6H4F2	000372-18-9	80
3	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	80
4	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	80





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10160.D Vial: 11
Acq On : 30 Apr 2002 8:13 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

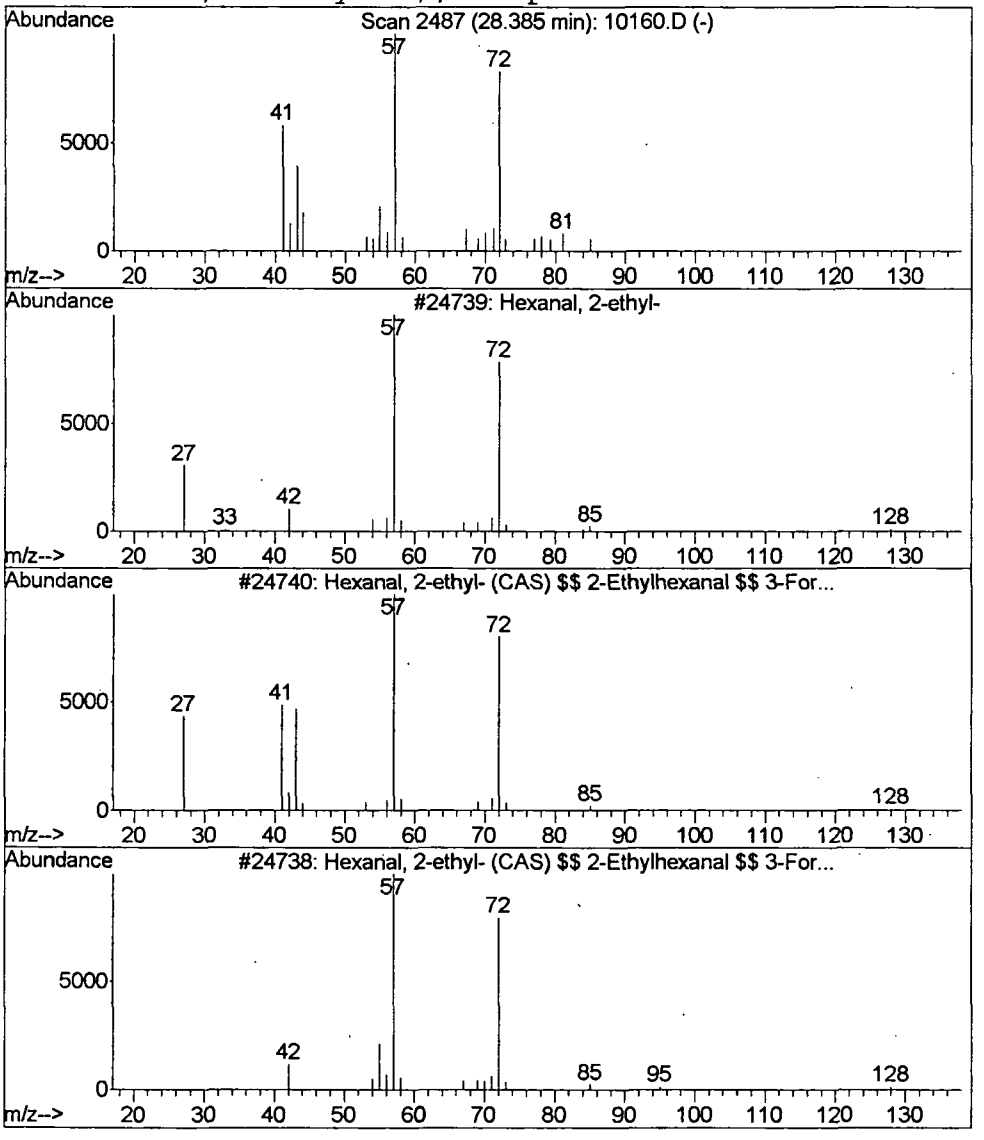
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

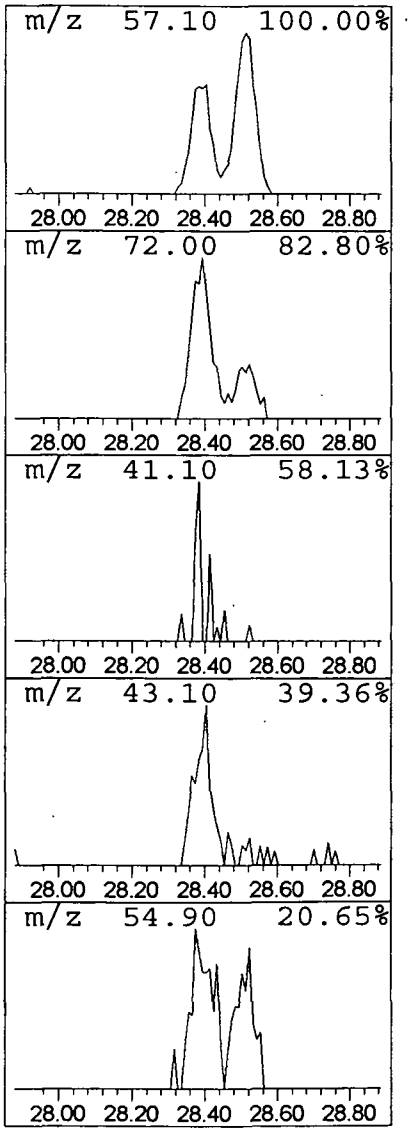
****

Peak Number 2 Hexanal, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.38	0.05 ug/L	27415	Chlorobenzene-d5	25.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	64
2	Hexanal, 2-ethyl- (CAS) $$ 2-Eth...	128	C8H16O	000123-05-7	64
3	Hexanal, 2-ethyl- (CAS) $$ 2-Eth...	128	C8H16O	000123-05-7	64
4	Hexanal, 2-ethyl- $$ .alpha.-Eth...	128	C8H16O	000123-05-7	59





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10160.D Vial: 11
Acq On : 30 Apr 2002 8:13 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

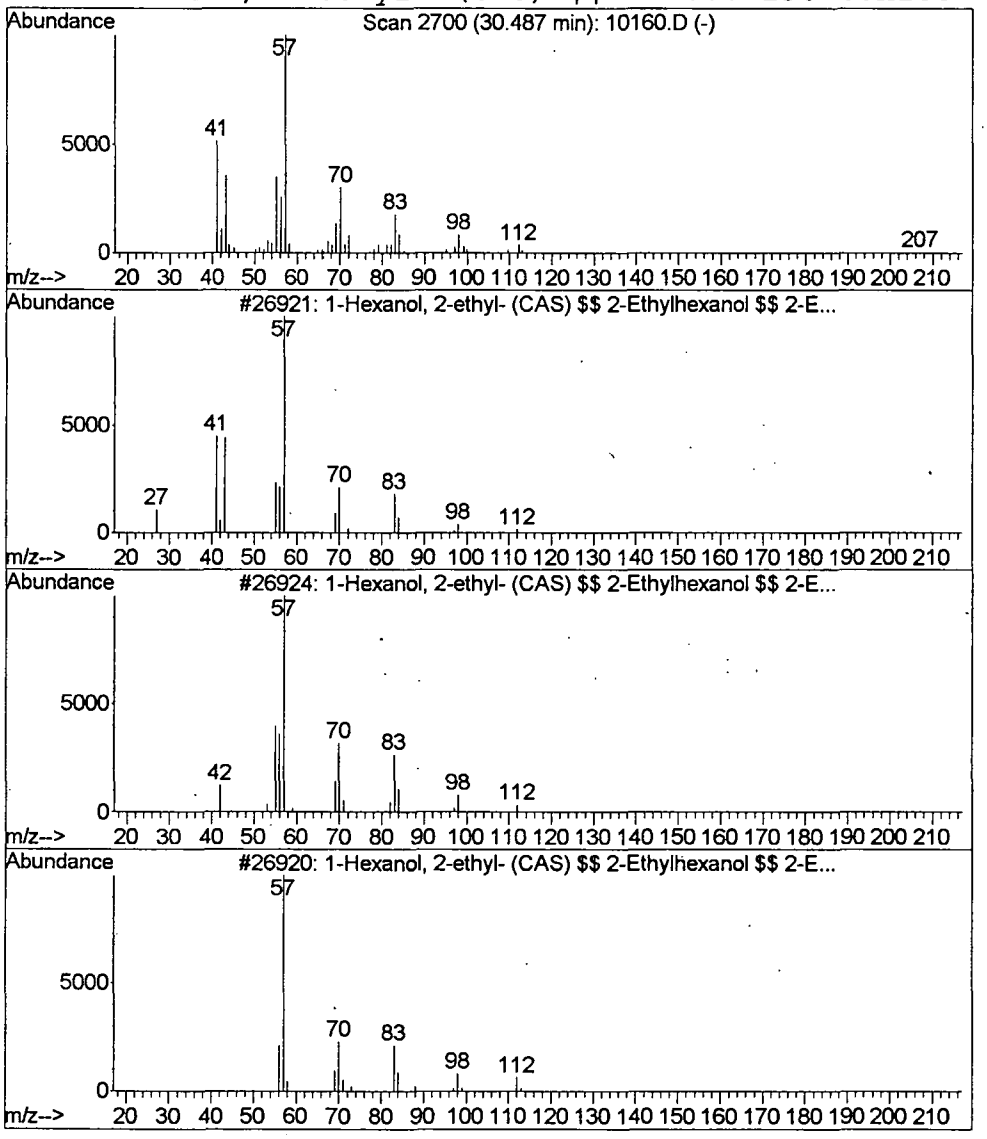
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

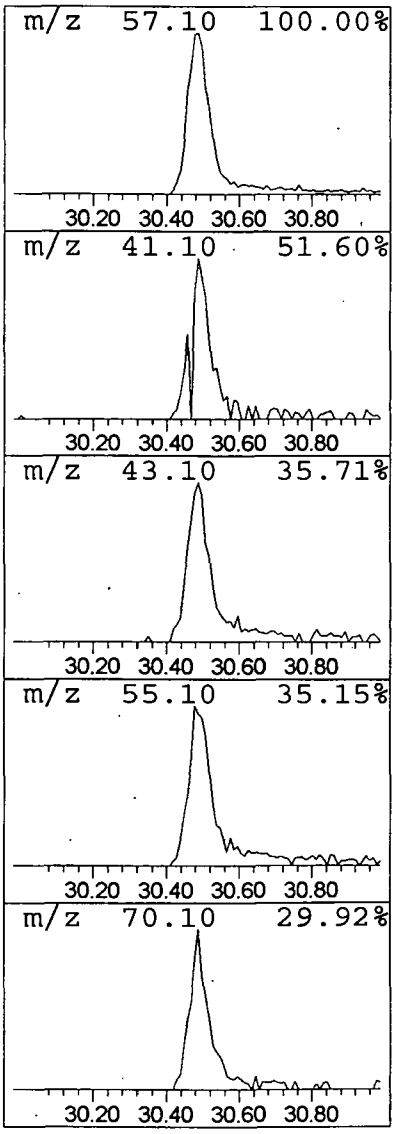
****

Peak Number 3 1-Hexanol, 2-ethyl- (CAS) $... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.49	0.33 ug/L	181173	1,4-Dichlorobenzene-d4	31.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	80
3	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	72





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10160.D Vial: 11
Acq On : 30 Apr 2002 8:13 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

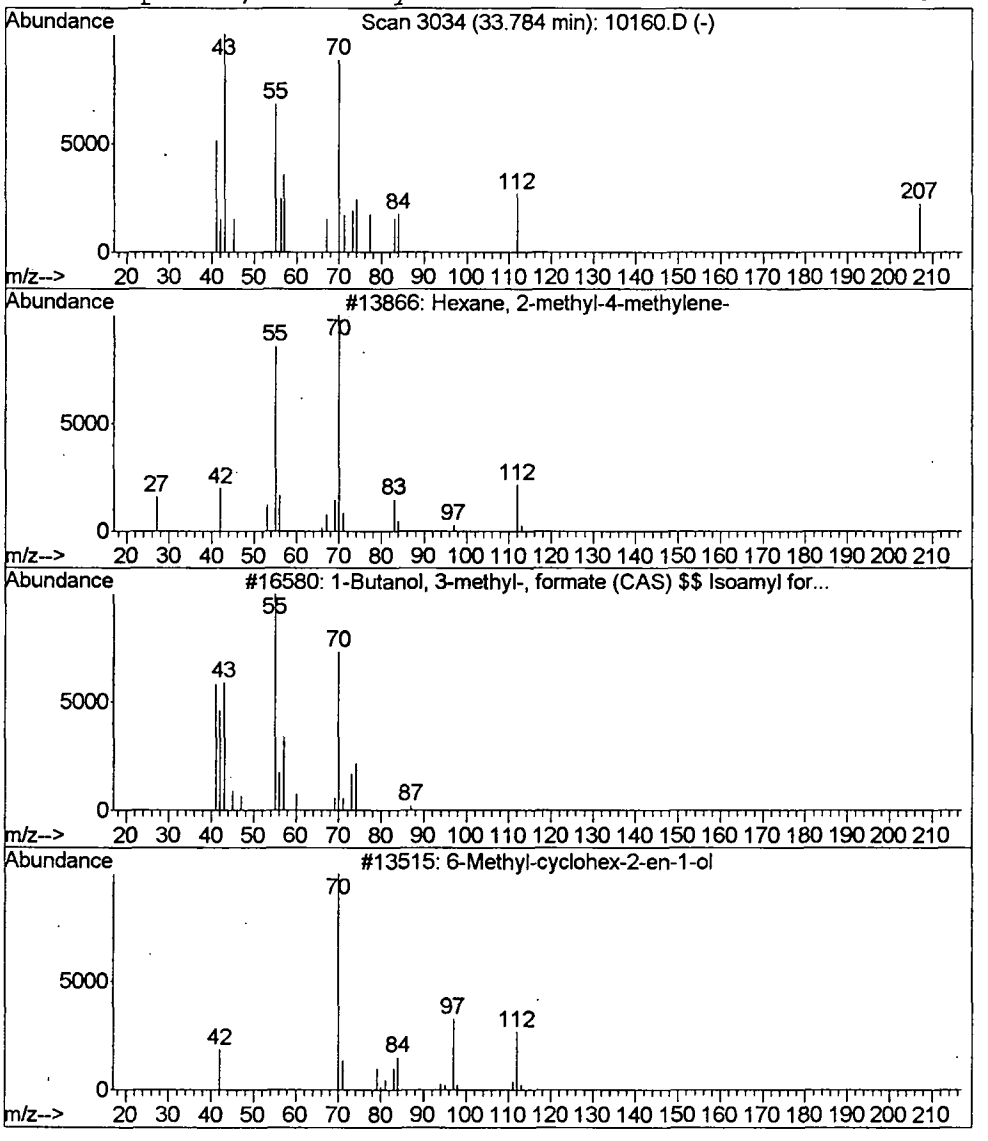
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

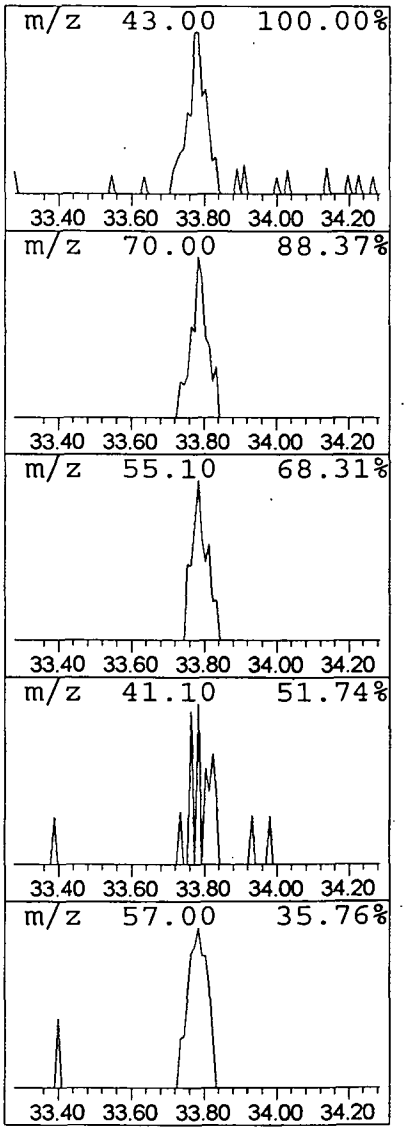
****

Peak Number 4 Hexane, 2-methyl-4-methylene- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.78	0.03 ug/L	15024	1,4-Dichlorobenzene-d4	31.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	49
2	1-Butanol, 3-methyl-, formate (C...	116	C6H12O2	000110-45-2	47
3	6-Methyl-cyclohex-2-en-1-ol	112	C7H12O	000000-00-0	47
4	2-Heptene, 3-methyl-	112	C8H16	003404-75-9	46





Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may02\10160A.D Vial: 5
Acq On : 2 May 2002 11:28 am Operator: 201-wb
Sample : nyc re-inj for unknowns Inst : GC/MS Ins
Misc : May 2, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 2 12:06 2002 Quant Results File: HP042202.RES

Quant Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Apr 23 13:59:39 2002
Response via : Initial Calibration
DataAcq Meth : HP042202

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1139195	5.00	ug/L	0.07
24) CHLOROBENZENE-D5	21.81	117	1016726	5.00	ug/L	0.07
52) 1,4-DICHLOROBENZENE-D4	27.00	152	470303	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	517004	4.96	ug/L	0.07
Spiked Amount 5.000			Recovery	=	99.20%	
3) 4-BROMOFLUOROBENZENE	24.42	174	383423	4.55	ug/L	0.09
Spiked Amount 5.000			Recovery	=	91.00%	
25) TOLUENE-D8	18.51	98	1339107	5.10	ug/L	0.07
Spiked Amount 5.000			Recovery	=	102.00%	
Target Compounds						Qvalue
12) ACETONE	8.29	43	22740	2.35	ug/L	97

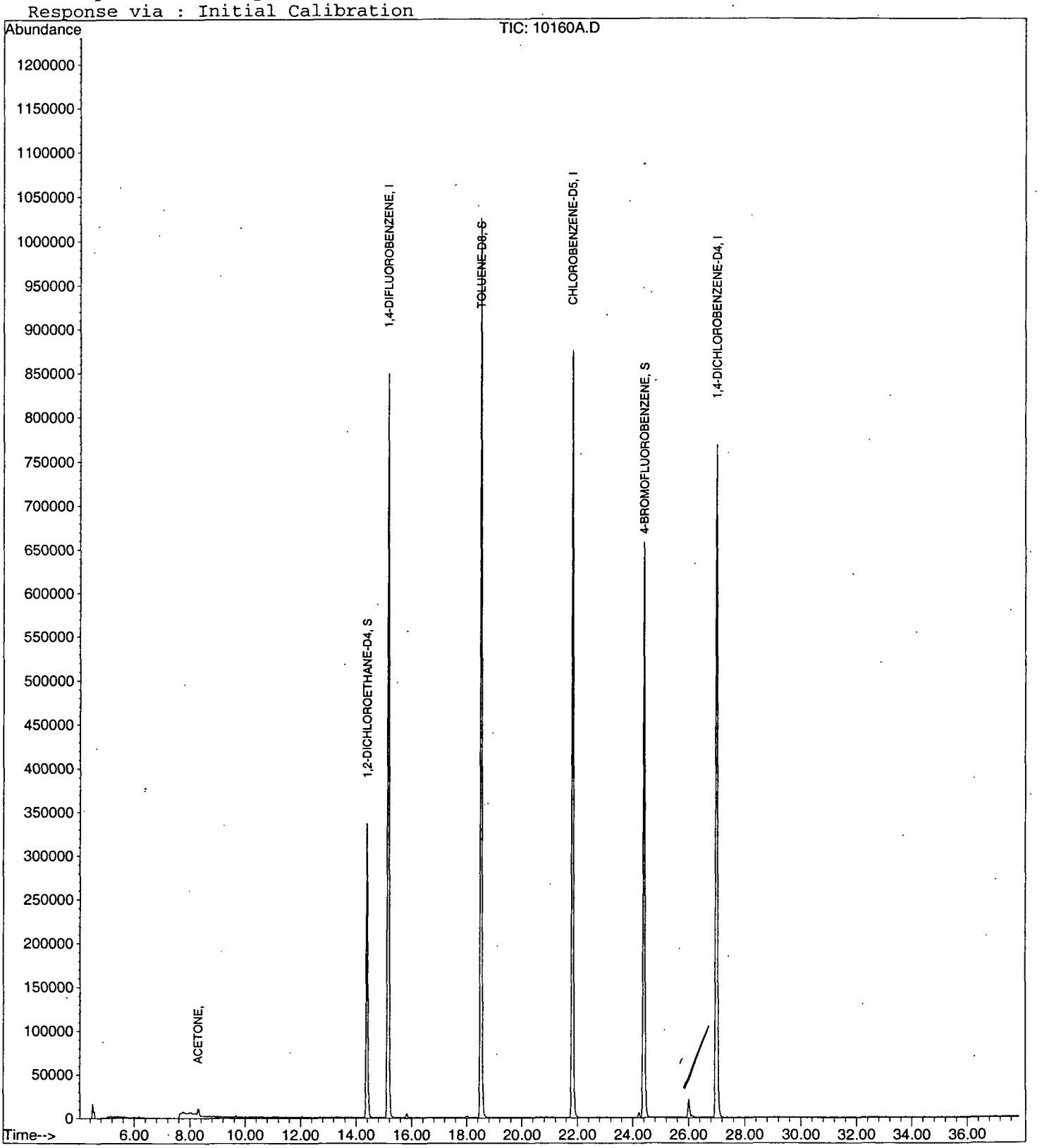
to confirm presence of 2-ethyl hexanol

(#) = qualifier out of range (m) = manual integration
10160A.D HP042202.M Thu May 02 12:06:48 2002 Page 1

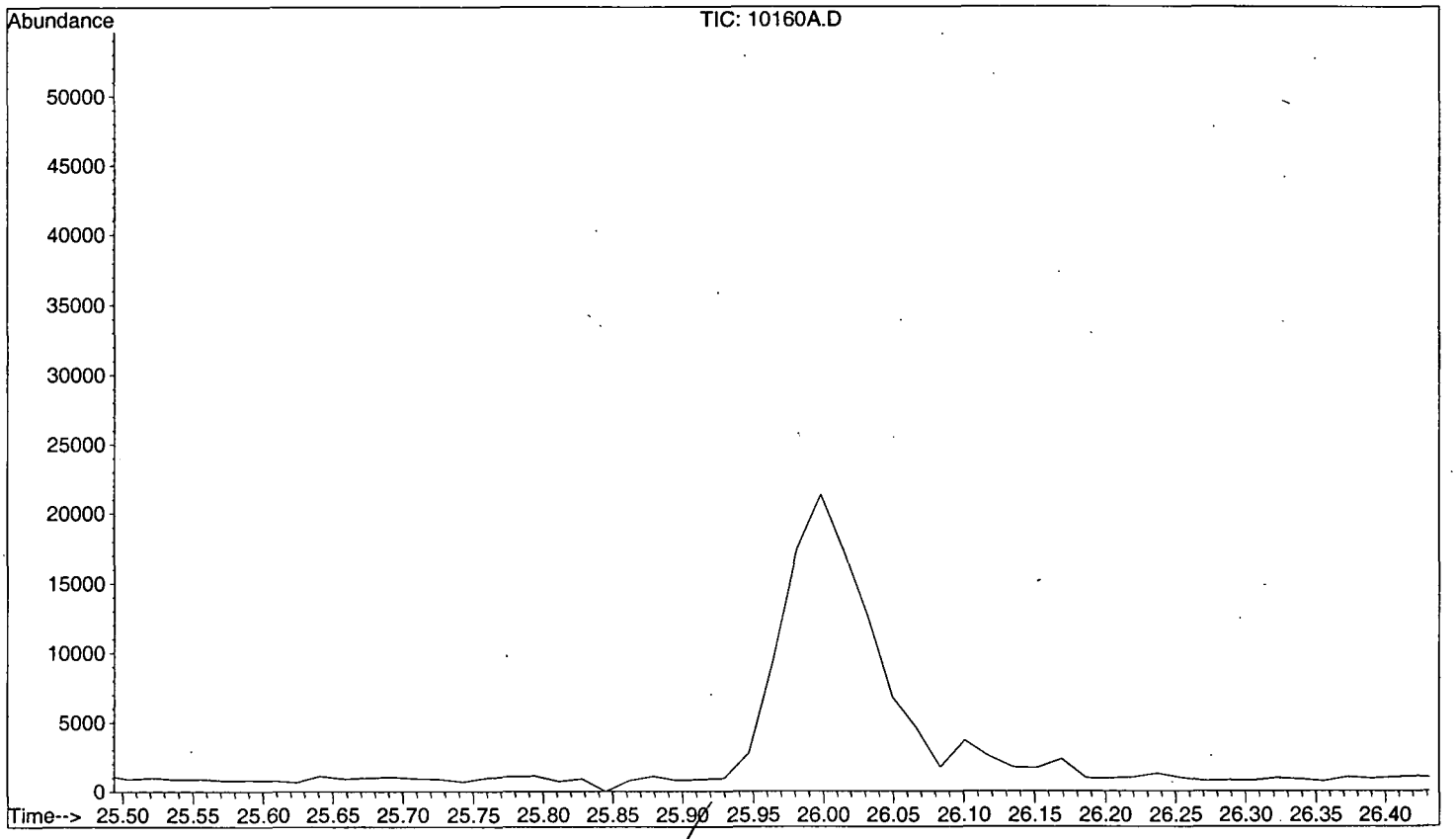
Quantitation Report

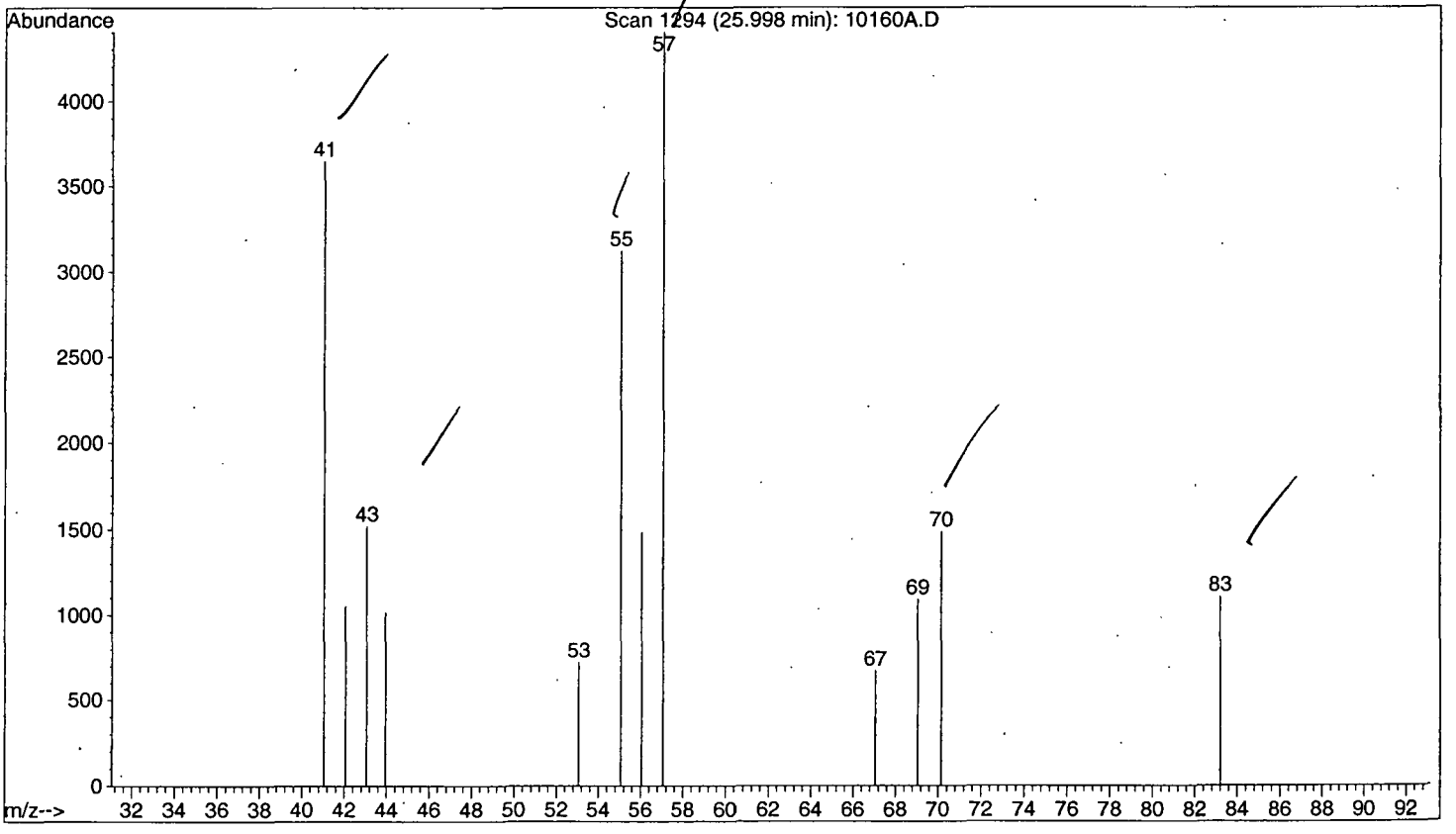
Data File : C:\HPCHEM\1\DATA\02may02\10160A.D Vial: 5
Acq On : 2 May 2002 11:28 am Operator: 201-wb
Sample : nyc re-inj for unknowns Inst : GC/MS Ins
Misc : May 2, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: May 2 12:06 2002 Quant Results File: HP042202.RES

Method : C:\HPCHEM\1\METHODS\HP042202.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Apr 22 14:40:13 2002
Response via : Initial Calibration



File : C:\HPCHEM\1\DATA\02MAY02\10160A.D
Operator : 201-wb
Acquired : 2 May 2002 11:28 am using AcqMethod HP042202
Instrument : GC/MS Ins
Sample Name: nyc re-inj for unknowns
Misc Info : May 2, 2002
Vial Number: 5





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:23:25

Sample: AE10161
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/30/02 20:59 Ended: 4/30/02 20:59 Analyst: BH
Result source: a:\10161.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		5.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.1		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 5/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:23:25

Sample: AE10161
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/30/02 20:59 Ended: 4/30/02 20:59 Analyst: BH
Result source: a:\10161.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Comments for Sample AE10161 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-06-2002 Time: 16:59:12

2-ETHYL HEXANOL is present in this sample as a 524.2 TIC. The estimated concentration is 0.10 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10161.D Vial: 12
Acq On : 30 Apr 2002 8:59 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 14:36:25 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

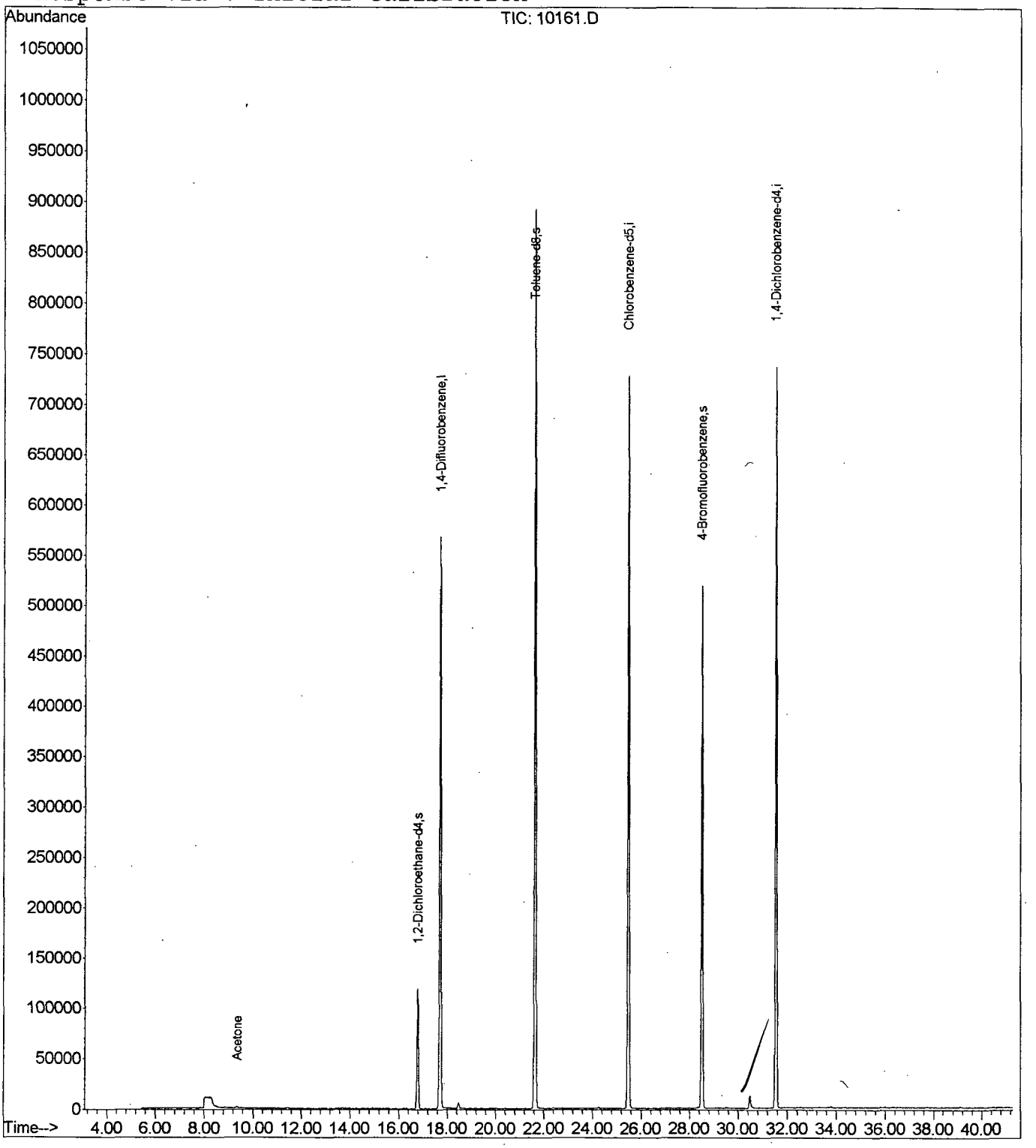
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1028938	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	953353	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	720122	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	185548	4.95	ug/L	0.02
Spiked Amount 5.000			Recovery =	99.00%		
17) Toluene-d8	21.63	98	1414931	5.12	ug/L	0.02
Spiked Amount 5.000			Recovery =	102.40%		
54) 4-Bromofluorobenzene	28.51	95	425702	5.18	ug/L	0.00
Spiked Amount 5.000			Recovery =	103.60%		
Target Compounds						Qvalue
11) Acetone	9.36	43	4292	1.51	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10161.D Vial: 12
Acq On : 30 Apr 2002 8:59 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 1 14:36 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10161.D Vial: 12
Acq On : 30 Apr 2002 8:59 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

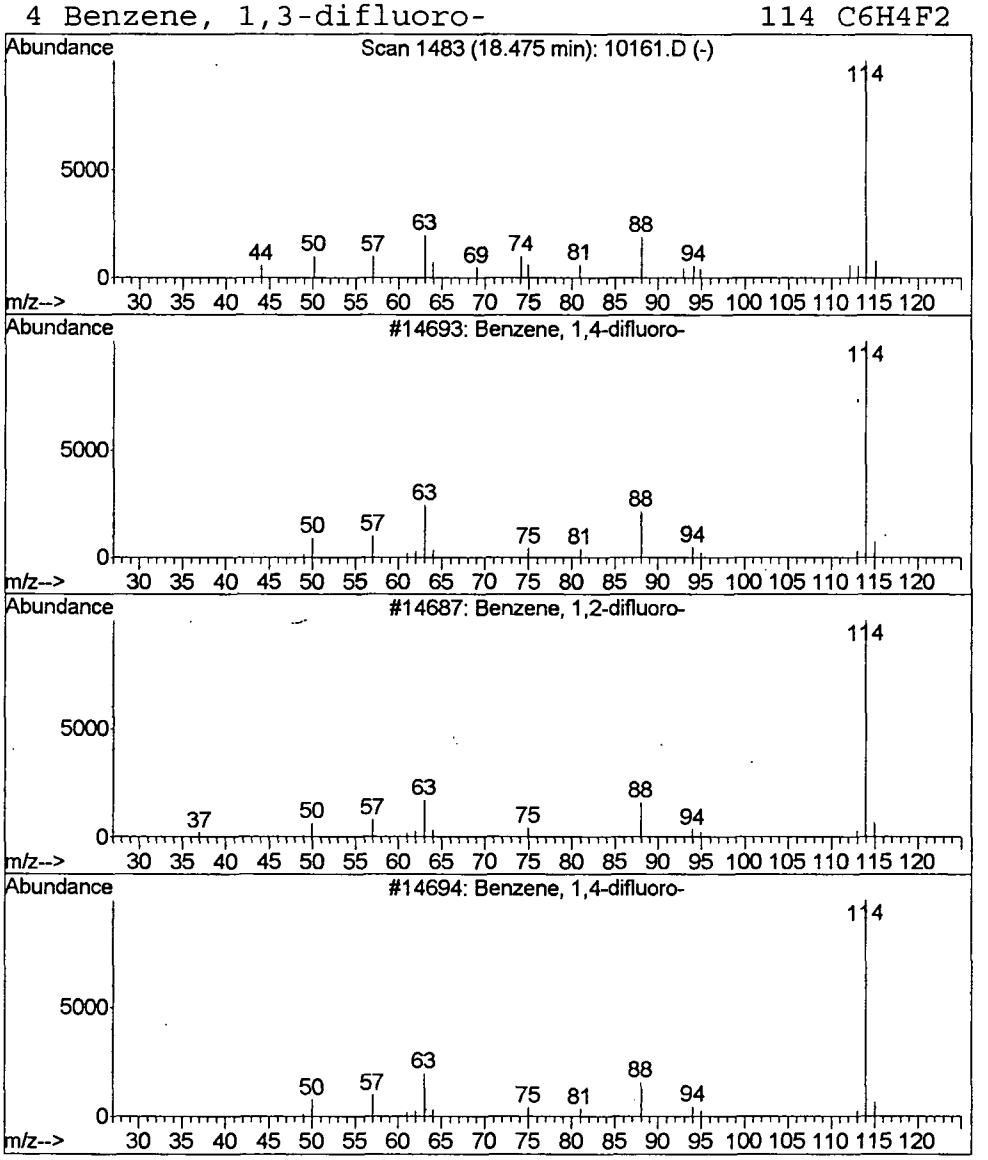
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

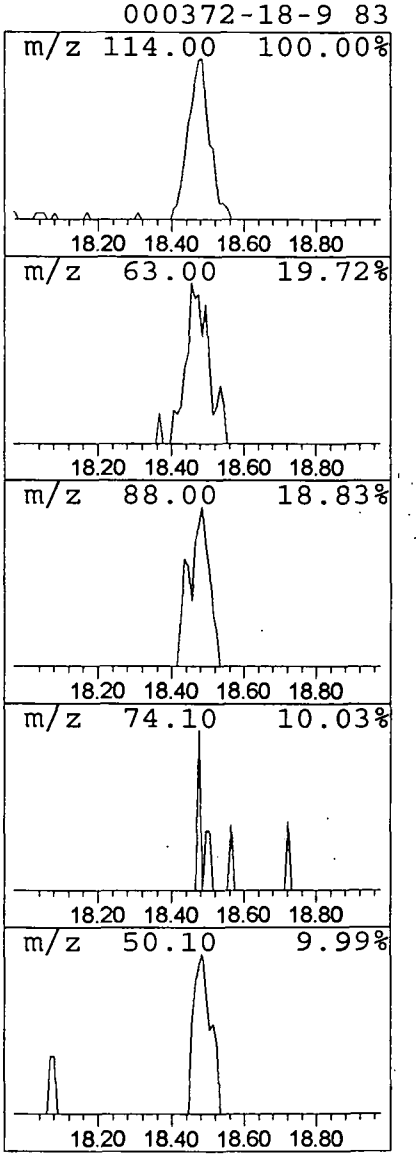
****

Peak Number 3 Benzene, 1,4-difluoro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	0.06 ug/L	26116	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	87
2	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	87
3	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	87
4	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	83





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10161.D Vial: 12
Acq On : 30 Apr 2002 8:59 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

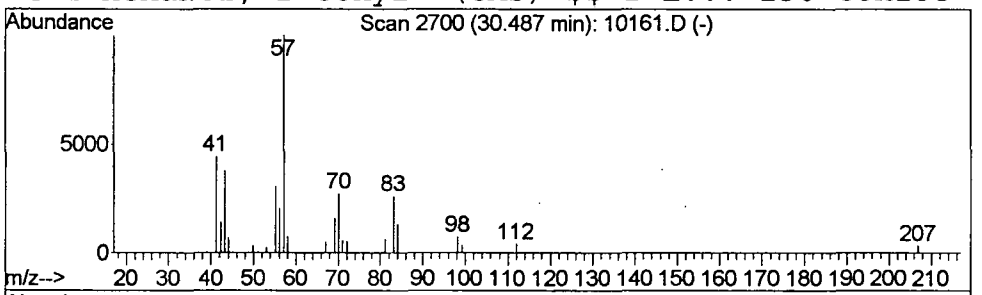
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

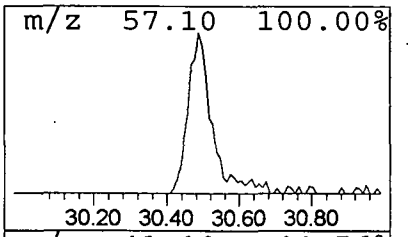
****

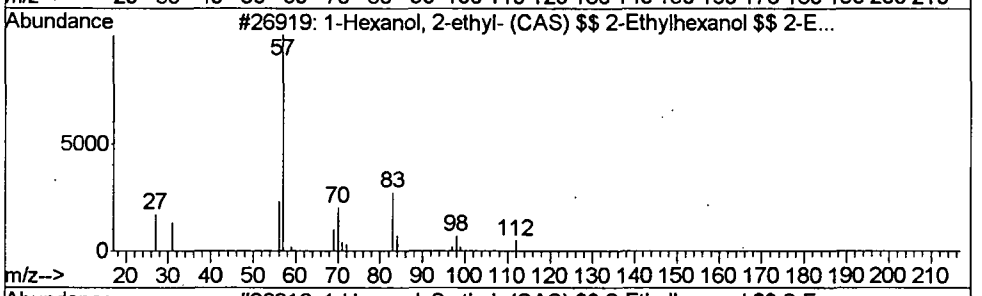
Peak Number 4 1-Hexanol, 2-ethyl- (CAS) $... Concentration Rank 1

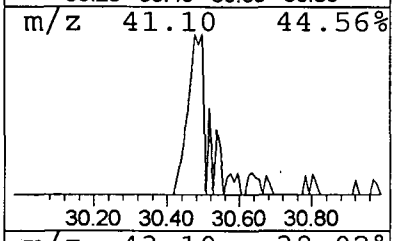
R.T.	EstConc	Area	Relative to ISTD	R.T.
30.49	0.10 ug/L	55134	1,4-Dichlorobenzene-d4	31.54

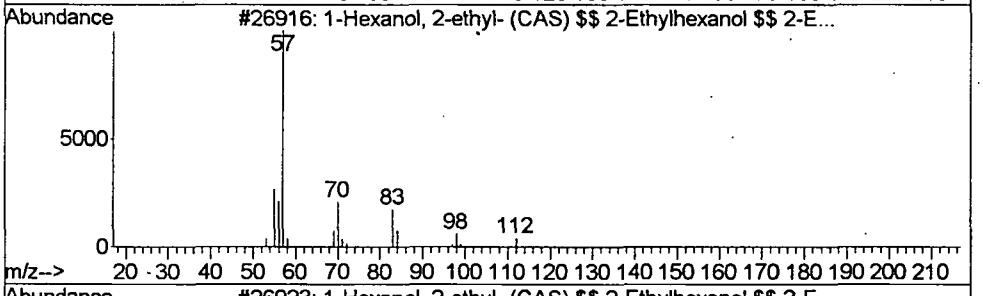
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	78

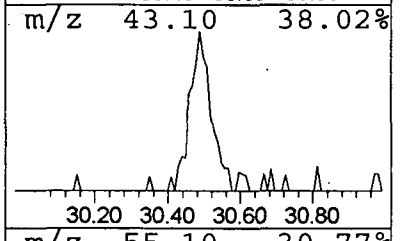


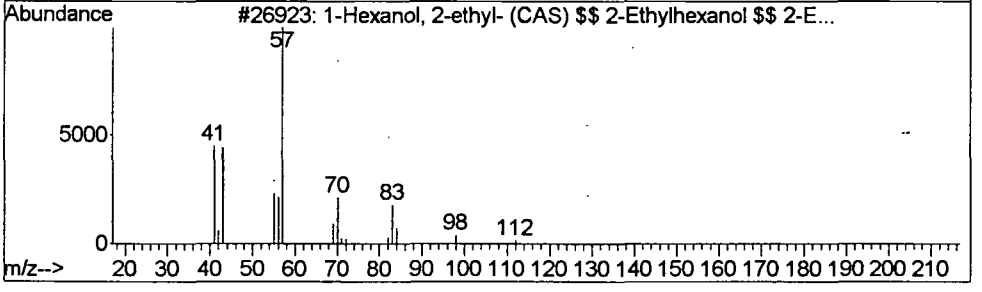


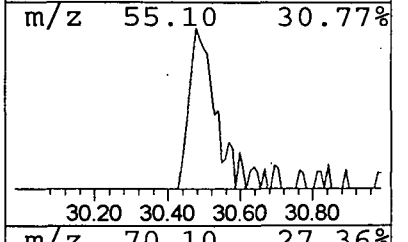


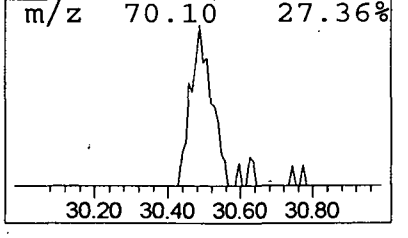












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:24:18

Sample: AE10023
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 4/30/02 21:46 Ended: 4/30/02 21:46 Analyst: BH
Result source: a:\0430c10a.rr
Page: 1

7-13

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		4.9		.5
2	Surr_4-BROMOFLUOROBENZE		4.6		.5
3	Dichlorodifluoromethane	USPEC	14		.5
4	Chloromethane		12		.5
5	Vinyl chloride		13		.5
6	Bromomethane	USPEC	14		.5
7	Chloroethane		12		.5
8	Trichlorofluoromethane		11		.5
9	1,1-Dichloroethene		9.1		.5
10	Methylene Chloride		10		.5
11	Methyl tert-butyl ether (MTBE)		8.6		1.0
12	trans-1,2-dichloroethene		9.5		.5
13	1,1-dichloroethane		9.7		.5
14	2-butanone (MEK)		34		2.0
15	2,2-dichloropropane		8.2		.5
16	cis-1,2-dichloroethene		9.8		.5
17	Chloroform		9.8		.5
18	Bromochloromethane		10		.5
19	1,2-dichloroethane		9.7		.5
20	Surr_TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		9.1		.5
22	1,1-dichloropropene		9.1		.5
23	Carbon tetrachloride		8.8		.5
24	Benzene		11		.5
25	Trichloroethene		10		.5
26	1,2-dichloropropane		10		.5
27	Dibromomethane		11		.5
28	Bromodichloromethane		9.9		.5
29	Methyl iso-butyl ketone		46		1.0
30	cis-1,3-dichloropropene		10		.5
31	Toluene		11		.5
32	trans-1,3-dichloropropene		10		.5
33	1,1,2-trichloroethane		10		.5
34	Tetrachloroethene		10		.5
35	1,3-dichloropropane		11		.5
36	Dibromochloromethane		10		2.0
37	Chlorobenzene		11		.5
38	1,1,1,2-tetrachloroethane		11		.5
39	Ethylbenzene		12		.5
40	P & M-xylene		24		.5
41	O-xylene		12		.5
42	Styrene		12		.5
43	1,1,2,2-tetrachloroethane		10		.5
44	Bromoform		9.2		2.0
45	Isopropylbenzene		12		.5
46	1,2,3-trichloropropane		10		.5
47	N-propylbenzene		11		.5
48	Bromobenzene		11		.5

but results < LOD

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:24:18

Sample: AE10023
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 4/30/02 21:46 Ended: 4/30/02 21:46 Analyst: BH
Result source: a:\0430c10a.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		11		.5
50	2-chlorotoluene		11		.5
51	4-chlorotoluene		11		.5
52	TERT-butylbenzene		11		.5
53	1,2,4-trimethylbenzene		11		.5
54	SEC-butylbenzene		11		.5
55	P-isopropyltoluene		11		.5
56	1,3-dichlorobenzene		11		.5
57	1,4-dichlorobenzene		11		.5
58	N-butylbenzene		10		.5
59	1,2-dichlorobenzene		11		.5
60	1,2,4-trichlorobenzene		10		.5
61	Hexachlobutadiene		10		.5
62	Naphthalene		9.8		.5
63	1,2,3-trichlorobenzene		10		.5
64	Nitrobenzene		150		5.0

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr30\0430C10A.D Vial: 6
Acq On : 30 Apr 2002 9:46 pm Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: Apr 30 22:27:47 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Tue Apr 30 11:43:13 2002
Response via : Initial Calibration
DataAcq Meth : W042302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1091617	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	989632	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	919864	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	193109	4.86	ug/L	0.02
Spiked Amount 5.000			Recovery = 97.20%			
17) Toluene-d8	21.63	98	1504484	5.13	ug/L	0.02
Spiked Amount 5.000			Recovery = 102.60%			
54) 4-Bromofluorobenzene	28.51	95	481559	4.59	ug/L	0.00
Spiked Amount 5.000			Recovery = 91.80%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	5.33	85	426845	13.66	ug/L	100
4) Chloromethane	5.90	50	581285	12.28	ug/L	100
5) Vinyl Chloride	6.18	62	587977	12.91	ug/L	100
6) Bromomethane	7.29	94	296143	14.21	ug/L	98
7) Chloroethane	7.46	64	345086	11.64	ug/L	100
8) Trichlorofluoromethane	8.13	101	665538	11.21	ug/L	99
11) Acetone	9.35	43	92385	30.71	ug/L	96
12) 1,1-Dichloroethene	9.79	61	463413	9.06	ug/L	98
13) Methylene Chloride	11.04	49	384036	10.02	ug/L	99
14) Methyl tert-butyl ether	11.41	73	332107	8.63	ug/L	99
15) trans-1,2-Dichloroethene	11.85	61	481918	9.54	ug/L	98
16) 1,1-Dichloroethane	12.95	63	613346	9.71	ug/L	100
18) 2-Butanone (MEK)	13.97	43	141305	34.39	ug/L	99
19) 2,2-Dichloropropane	14.42	77	434865	8.15	ug/L	97
20) cis-1,2-Dichloroethene	14.55	61	450396	9.79	ug/L	100
21) Chloroform	14.95	83	544388	9.85	ug/L	100
22) Bromochloromethane	15.41	49	196212	10.11	ug/L	99
23) 1,1,1-Trichloroethane	16.01	97	483447	9.11	ug/L	99
24) 1,1-Dichloropropene	16.40	75	475922	9.13	ug/L	98
25) Carbon Tetrachloride	16.69	117	384611	8.76	ug/L	98
26) 1,2-Dichloroethane	17.01	62	270554	9.72	ug/L	99
28) Benzene	17.11	78	1630511	10.64	ug/L	99
29) Trichloroethene	18.62	95	381239	10.24	ug/L	97
30) 1,2-Dichloropropane	19.06	63	309229	10.30	ug/L	99
31) Bromodichloromethane	19.66	83	311263	9.89	ug/L	100
32) Dibromomethane	19.84	93	96309	10.58	ug/L	96
33) 2-Chloroethyl vinyl ether	20.28	63	315350	10.12	ug/L	98
34) Methyl iso-butyl ketone	20.36	43	427687	46.02	ug/L	99
35) cis-1,3-Dichloropropene	20.96	75	372627	10.02	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr30\0430C10A.D Vial: 6
Acq On : 30 Apr 2002 9:46 pm Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: Apr 30 22:27:47 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Tue Apr 30 11:43:13 2002
Response via : Initial Calibration
DataAcq Meth : W042302

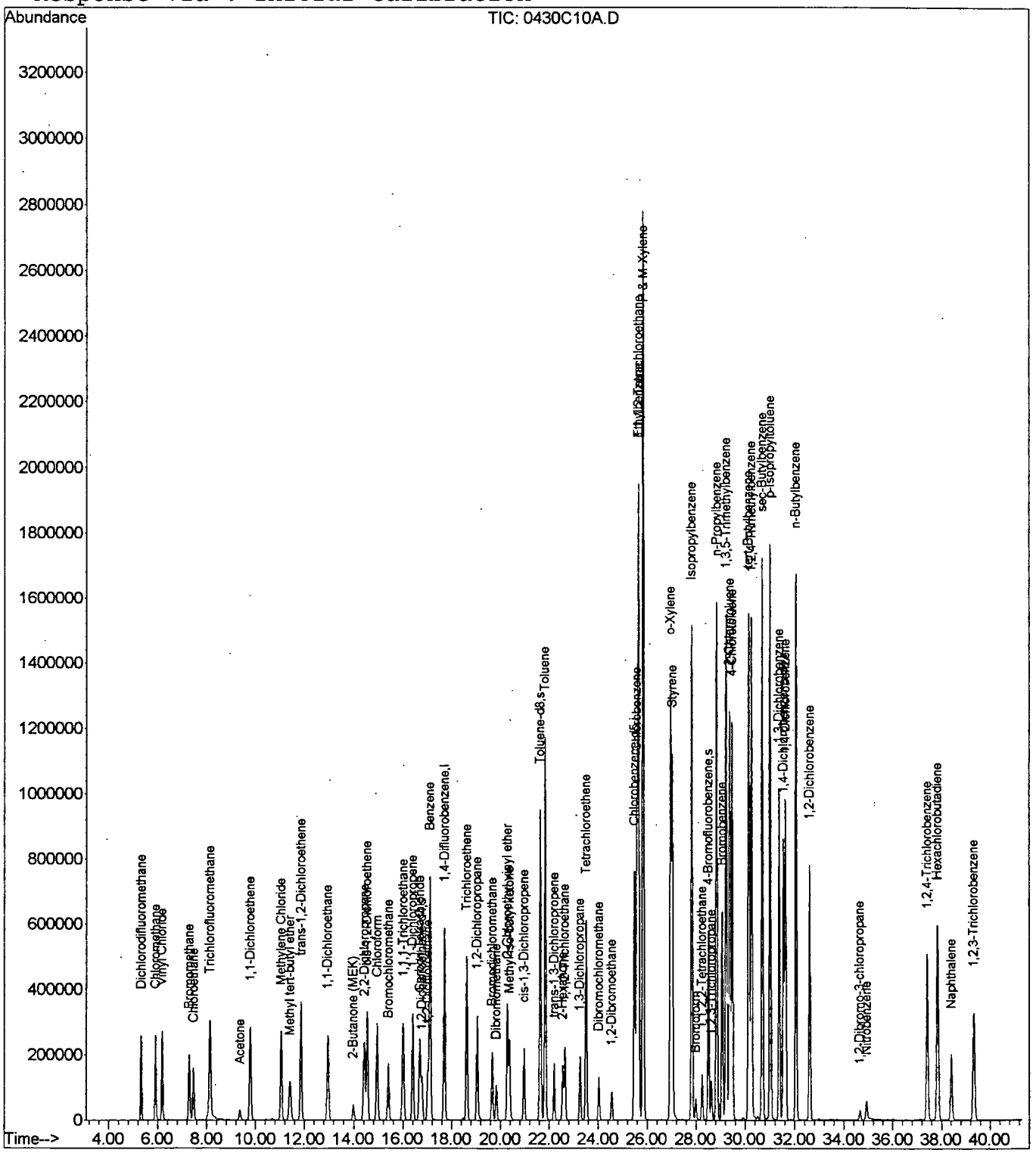
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Toluene	21.83	91	2093281	11.44	ug/L	100
37)	trans-1,3-Dichloropropene	22.20	75	270354	10.03	ug/L	99
38)	2-Hexanone	22.54	43	268651	42.24	ug/L	98
39)	1,1,2-Trichloroethane	22.63	97	158911	10.46	ug/L	93
40)	1,3-Dichloropropane	23.25	76	292393	10.53	ug/L	99
41)	Tetrachloroethene	23.51	166	408957	10.45	ug/L	99
42)	Dibromochloromethane	24.02	129	158053	10.03	ug/L	97
43)	1,2-Dibromoethane	24.55	107	131671	10.46	ug/L	99
44)	Chlorobenzene	25.57	112	1218108	11.33	ug/L	99
45)	1,1,1,2-Tetrachloroethane	25.64	131	285571	10.60	ug/L	99
46)	Ethylbenzene	25.64	91	2545324	11.63	ug/L	99
47)	P & M-Xylene	25.83	91	4048658	23.75	ug/L	99
48)	o-Xylene	26.96	91	1910784	12.02	ug/L	100
49)	Styrene	27.04	104	1375496	12.07	ug/L	100
50)	Isopropylbenzene	27.82	105	2426857	11.86	ug/L	99
52)	Bromoform	28.00	173	68384	9.18	ug/L	98
53)	1,1,2,2-Tetrachloroethane	28.26	83	162020	10.03	ug/L	99
55)	1,2,3-Trichloropropane	28.63	75	128658	10.30	ug/L	99
56)	n-Propylbenzene	28.85	91	3073794	10.74	ug/L	100
57)	Bromobenzene	29.08	77	726468	10.70	ug/L	99
58)	1,3,5-Trimethylbenzene	29.23	105	2161284	11.00	ug/L	99
59)	2-Chlorotoluene	29.37	91	1778658	10.85	ug/L	99
60)	4-Chlorotoluene	29.47	91	1751015	11.20	ug/L	96
61)	tert-Butylbenzene	30.14	119	1905355	11.01	ug/L	99
62)	1,2,4-Trimethylbenzene	30.25	105	2203451	11.11	ug/L	99
63)	sec-Butylbenzene	30.68	105	2939813	10.83	ug/L	99
64)	p-Isopropyltoluene	31.01	119	2492308	10.88	ug/L	99
65)	1,3-Dichlorobenzene	31.38	146	978480	10.68	ug/L	99
66)	1,4-Dichlorobenzene	31.63	146	930376	10.53	ug/L	99
67)	n-Butylbenzene	32.06	91	2287375	10.44	ug/L	100
68)	1,2-Dichlorobenzene	32.60	146	743378	10.80	ug/L	100
69)	1,2-Dibromo-3-chloropropan	34.65	157	21754	9.54	ug/L	90
70)	Nitrobenzene	34.92	77	61818	146.61	ug/L	98
71)	1,2,4-Trichlorobenzene	37.42	180	438960	10.11	ug/L	99
72)	Hexachlorobutadiene	37.84	225	327848	9.96	ug/L	99
73)	Naphthalene	38.41	128	488612	9.84	ug/L	99
74)	1,2,3-Trichlorobenzene	39.34	180	318089	10.19	ug/L	100

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr30\0430C10A.D Vial: 6
Acq On : 30 Apr 2002 9:46 pm Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: Apr 30 22:27 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Tue Apr 30 11:43:13 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\0430B3.D Vial: 7
Acq On : 30 Apr 2002 10:32 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 14:28:28 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

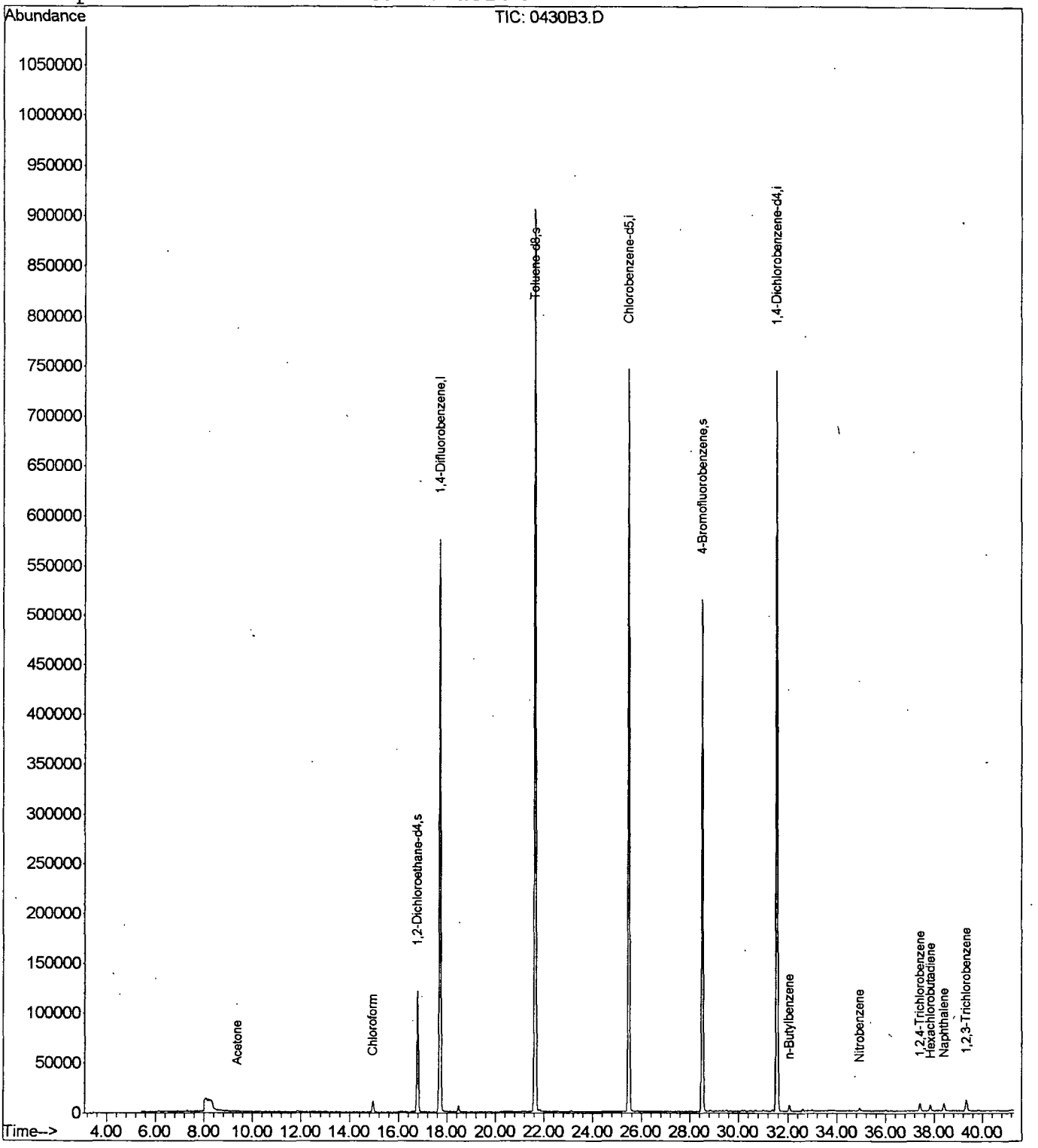
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1043364	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	964810	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	721860	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	184801	4.87	ug/L	0.02
Spiked Amount 5.000			Recovery = 97.40%			
17) Toluene-d8	21.62	98	1426386	5.09	ug/L	0.00
Spiked Amount 5.000			Recovery = 101.80%			
54) 4-Bromofluorobenzene	28.51	95	432116	5.25	ug/L	0.00
Spiked Amount 5.000			Recovery = 105.00%			
Target Compounds						Qvalue
11) Acetone	9.35	43	2676	0.93	ug/L	85
21) Chloroform	14.94	83	21476	0.41	ug/L	98
67) n-Butylbenzene	32.06	91	9150	0.05	ug/L	93
70) Nitrobenzene	34.92	77	3379	10.21	ug/L	91
71) 1,2,4-Trichlorobenzene	37.42	180	7229	0.21	ug/L	97
72) Hexachlorobutadiene	37.86	225	3122	0.12	ug/L	89
73) Naphthalene	38.41	128	16506	0.42	ug/L	89
74) 1,2,3-Trichlorobenzene	39.34	180	10555	0.43	ug/L	97

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\0430B3.D Vial: 7
Acq On : 30 Apr 2002 10:32 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 1 14:28 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:24:46

Sample: AE10163
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/30/02 23:19 Ended: 4/30/02 23:19 Analyst: BH
Result source: a:\10163.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		5.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 5/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:24:46

Sample: AE10163
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/30/02 23:19 Ended: 4/30/02 23:19 Analyst: BH
Result source: a:\10163.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Comments for Sample AE10163 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-06-2002 Time: 16:59:25

2-ETHYL HEXANOL is present in this sample as a 524.2 TIC. The estimated concentration is 0.36 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10163.D Vial: 12
Acq On : 30 Apr 2002 11:19 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 14:36:30 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

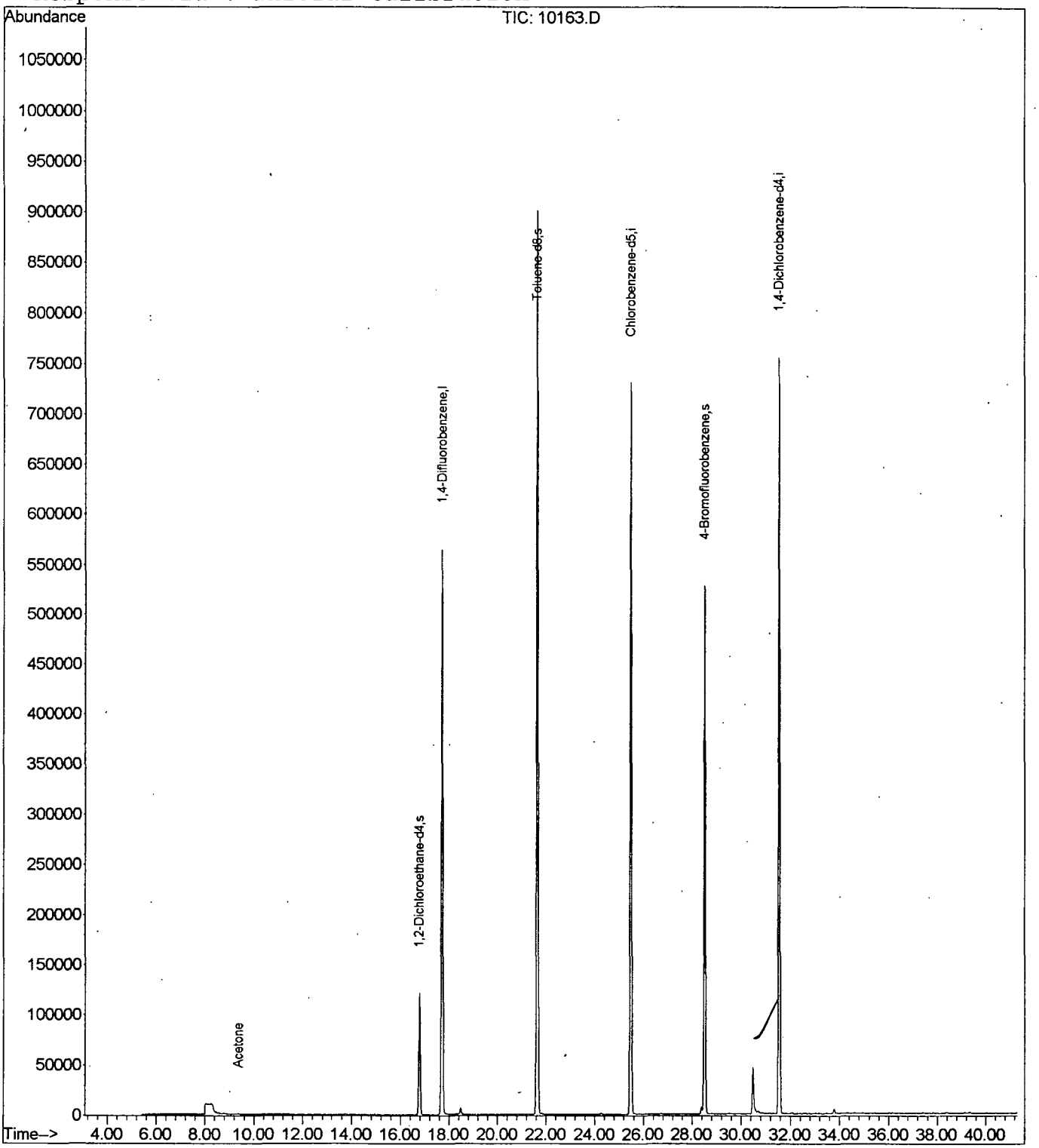
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1025088	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	963095	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	732255	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	186723	5.00	ug/L	0.02
Spiked Amount 5.000			Recovery = 100.00%			
17) Toluene-d8	21.62	98	1422572	5.17	ug/L	0.00
Spiked Amount 5.000			Recovery = 103.40%			
54) 4-Bromofluorobenzene	28.51	95	438193	5.24	ug/L	0.00
Spiked Amount 5.000			Recovery = 104.80%			
Target Compounds						Qvalue
11) Acetone	9.36	43	2866	1.01	ug/L	94

(#) = qualifier out of range (m) = manual integration
10163.D W042302.M Wed May 01 14:36:32 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10163.D Vial: 12
Acq On : 30 Apr 2002 11:19 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 1 14:36 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10163.D Vial: 12
Acq On : 30 Apr 2002 11:19 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

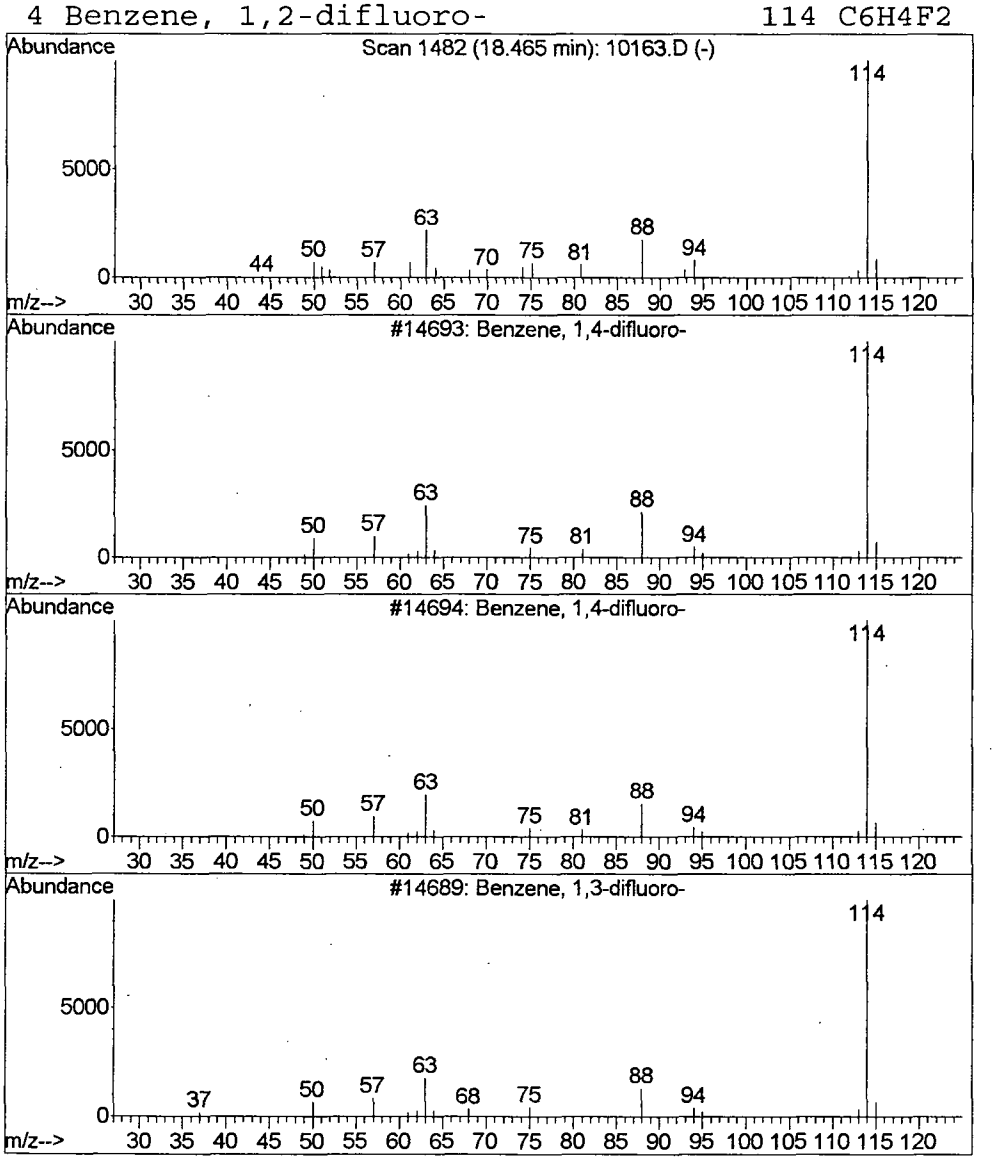
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

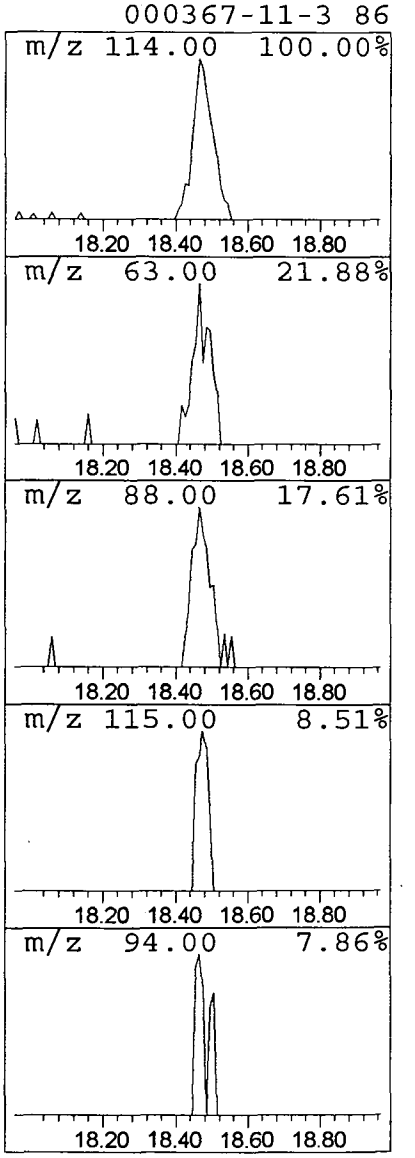
****

Peak Number 2 Benzene, 1,4-difluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	0.06 ug/L	26528	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	91
2	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	91
3	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	87
4	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	86





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10163.D Vial: 12
Acq On : 30 Apr 2002 11:19 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

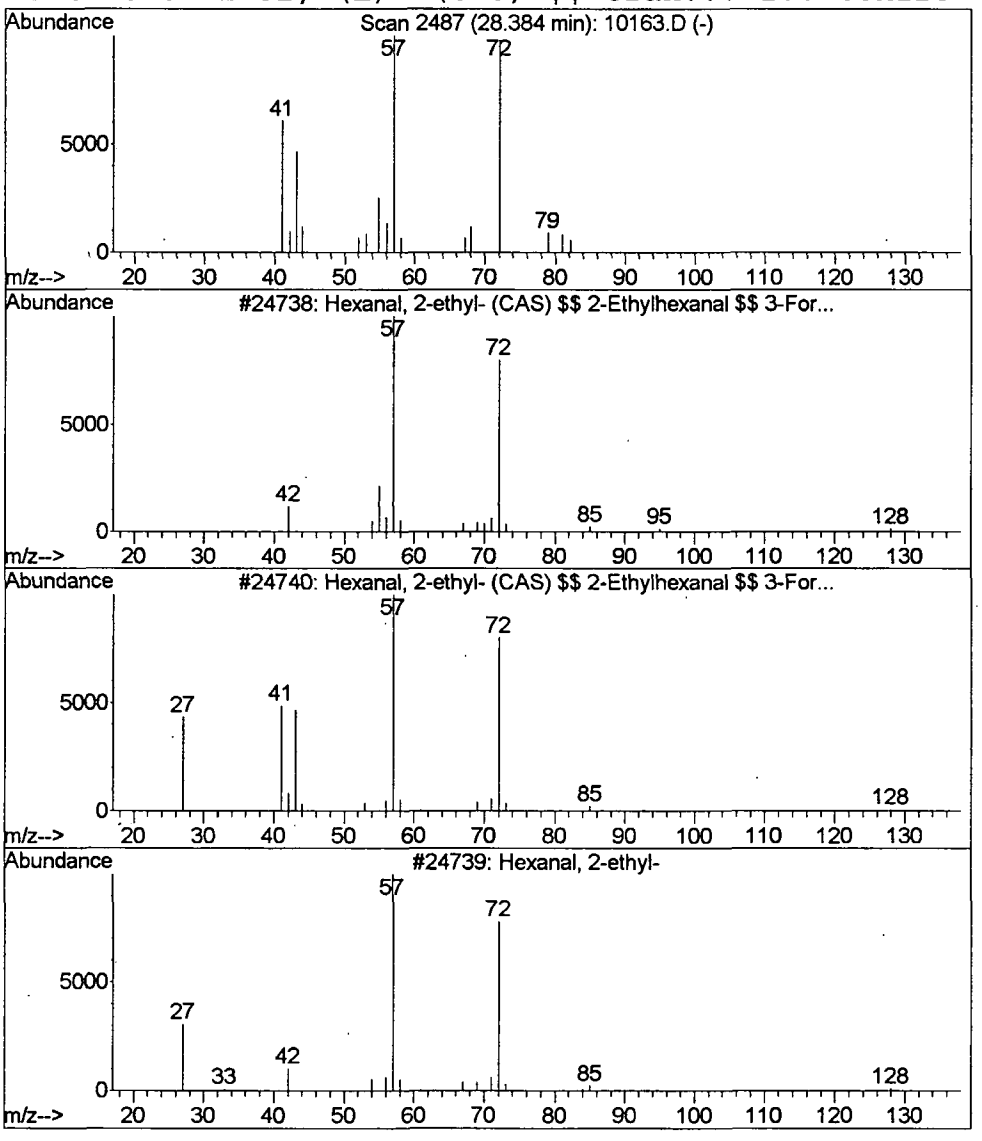
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

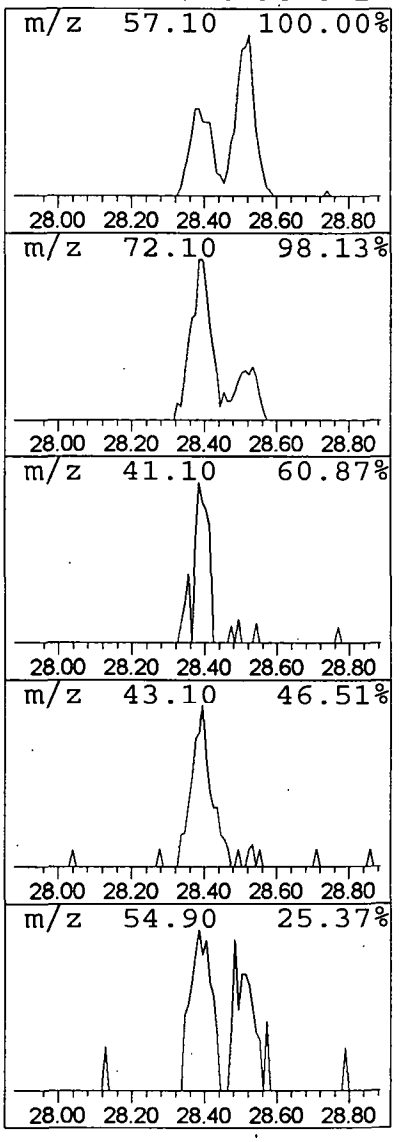
****

Peak Number 3 Hexanal, 2-ethyl- (CAS) $$ ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.38	0.05 ug/L	27462	Chlorobenzene-d5	25.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal, 2-ethyl- (CAS) $$ 2-Eth...	128	C8H16O	000123-05-7	45
2	Hexanal, 2-ethyl- (CAS) $$ 2-Eth...	128	C8H16O	000123-05-7	42
3	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	36
4	2-Hexen-1-ol, (E)- (CAS) $$ tran...	100	C6H12O	000928-95-0	22





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10163.D Vial: 12
Acq On : 30 Apr 2002 11:19 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

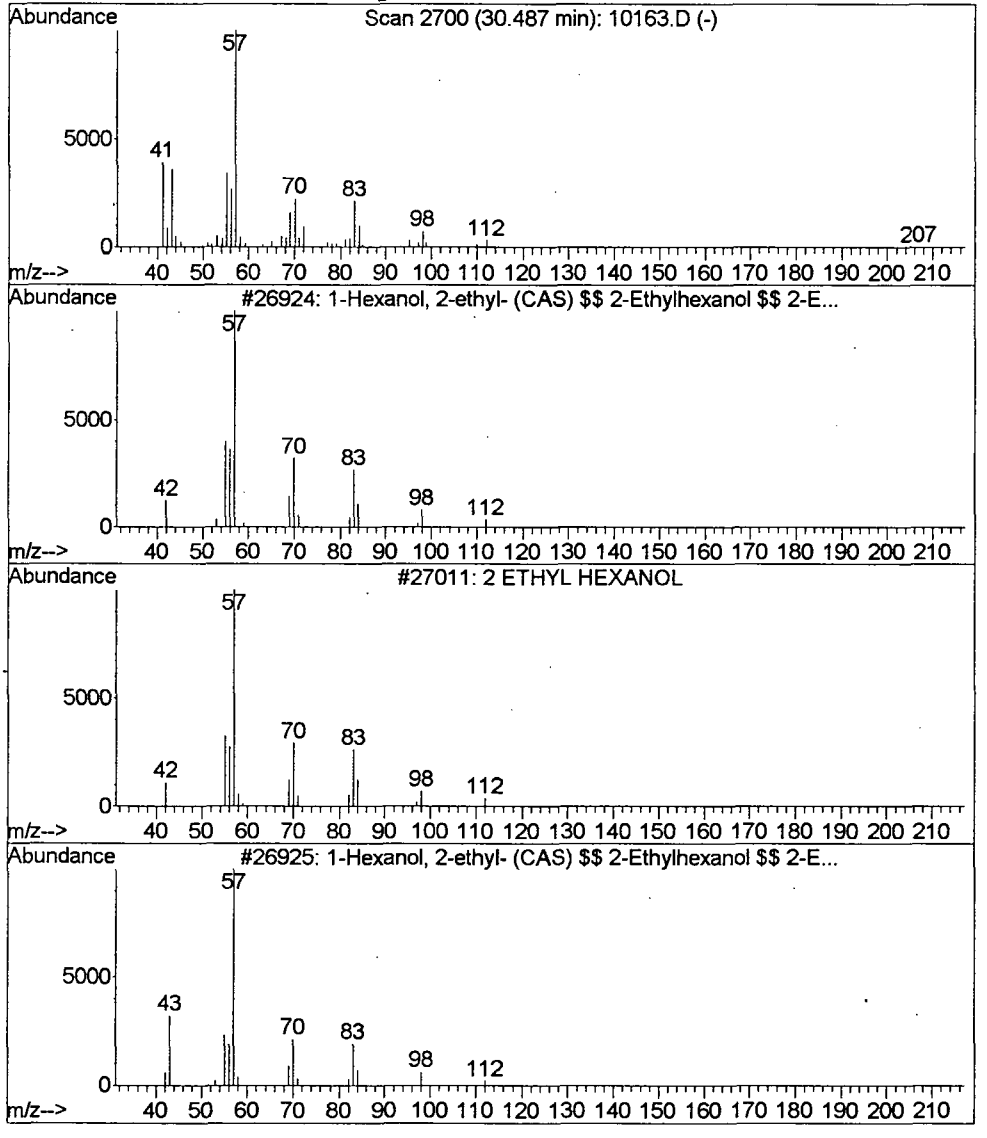
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

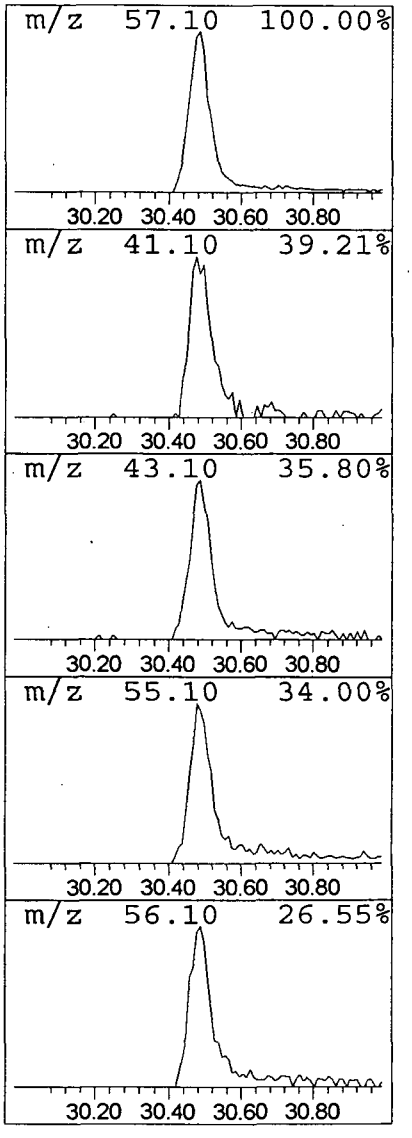
****

Peak Number 4 1-Hexanol, 2-ethyl- (CAS) $... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.49	0.36 ug/L	202100	1,4-Dichlorobenzene-d4	31.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	86
2	2 ETHYL HEXANOL	130	C8H18O	000104-76-7	86
3	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	80
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10163.D Vial: 12
Acq On : 30 Apr 2002 11:19 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

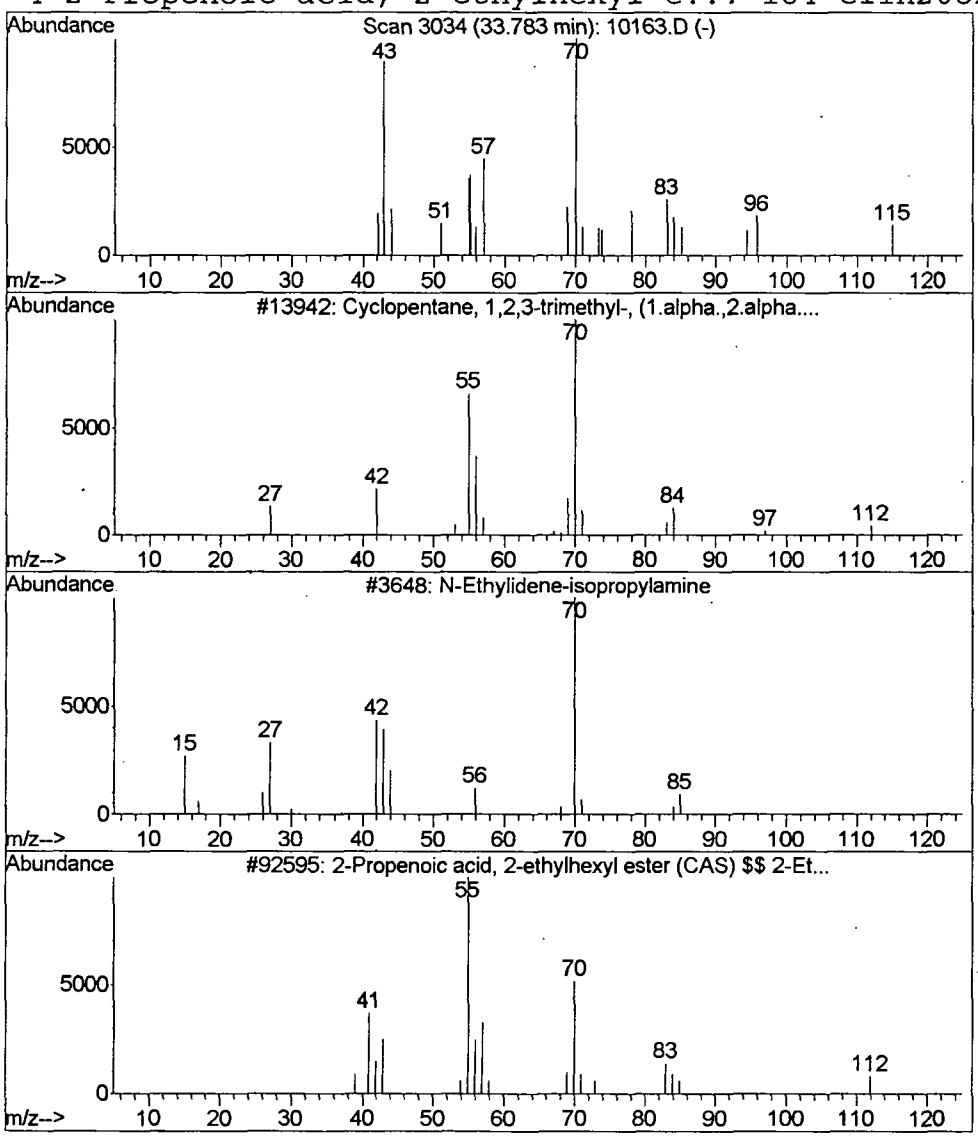
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

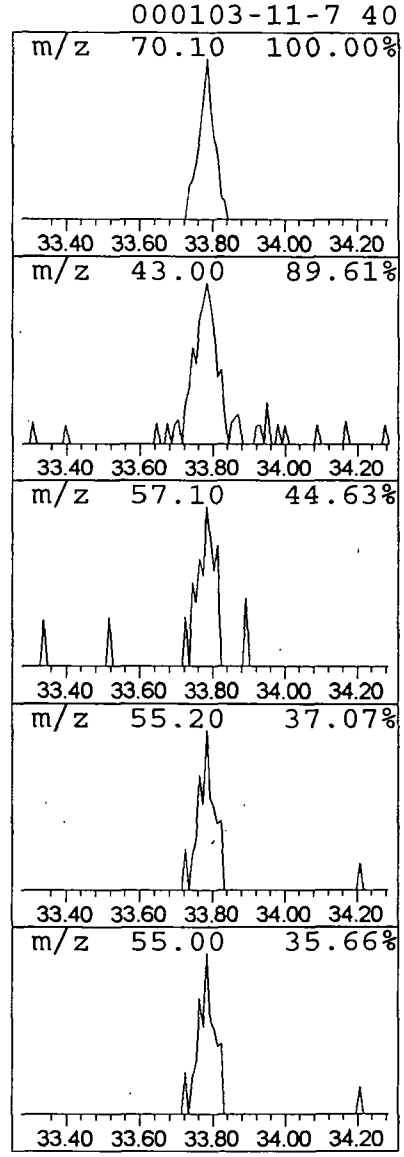
****

Peak Number 5 Cyclopentane, 1,2,3-trimeth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.78	0.03 ug/L	17760	1,4-Dichlorobenzene-d4	31.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	43
2	N-Ethylidene-isopropylamine	85	C5H11N	000000-00-0	43
3	2-Propenoic acid, 2-ethylhexyl e...	184	C11H20O2	000103-11-7	42
4	2-Propenoic acid, 2-ethylhexyl e...	184	C11H20O2	000103-11-7	40





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:25:05

Sample: AE10164
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/1/02 00:06 Ended: 5/1/02 00:06 Analyst: BH
Result source: a:\10164.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		5.1		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.1		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AN
DATE 5/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:25:05

Sample: AE10164
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/1/02 00:06 Ended: 5/1/02 00:06 Analyst: BH
Result source: a:\10164.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Comments for Sample AE10164 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-06-2002 Time: 16:59:40

2-ETHYL HEXANOL is present in this sample as a 524.2 TIC. The estimated concentration is 0.08 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10164.D Vial: 13
Acq On : 1 May 2002 12:06 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 14:36:36 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

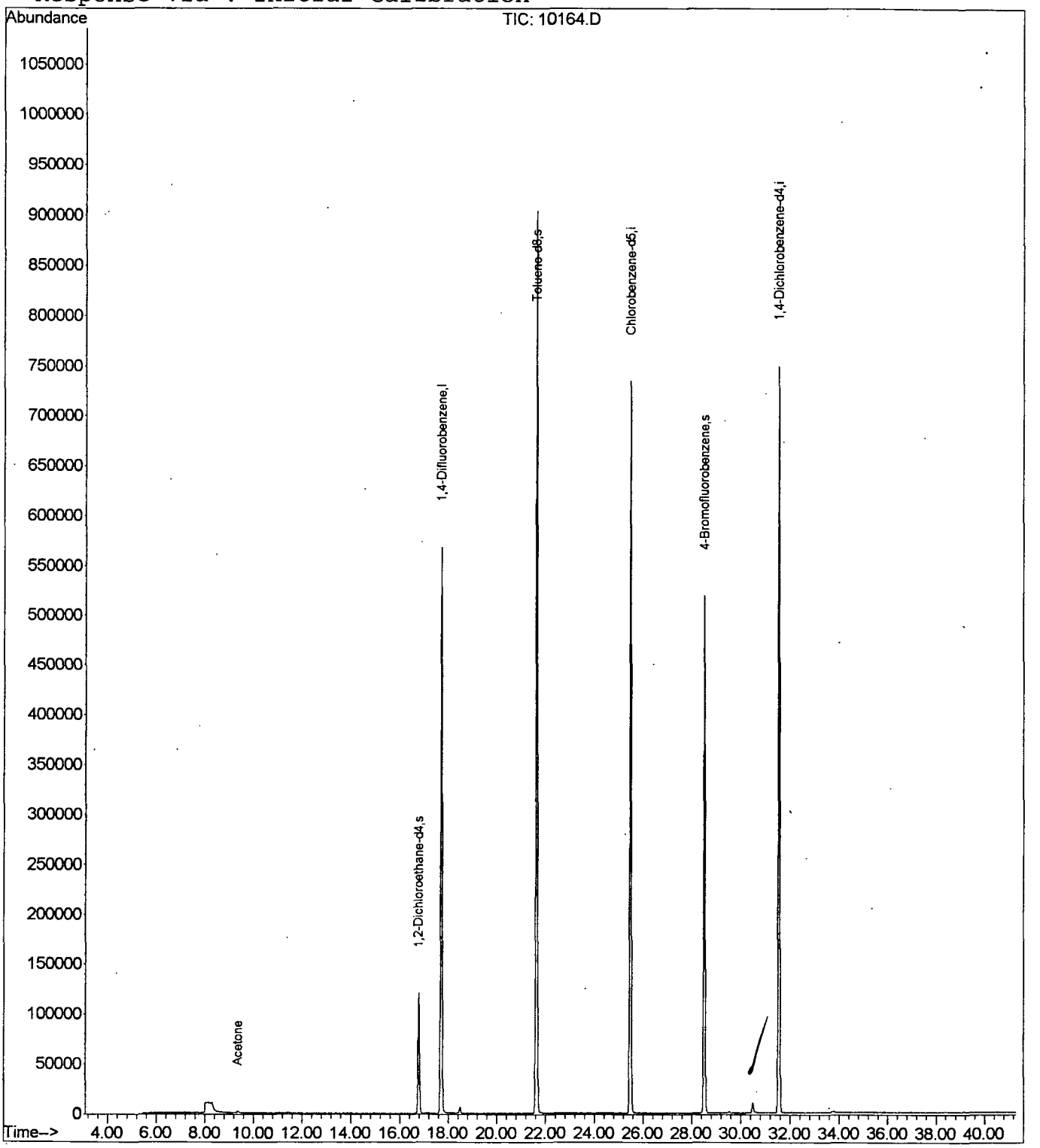
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1029569	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	965224	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	732013	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.79	65	186100	4.97	ug/L	0.03
Spiked Amount 5.000			Recovery = 99.40%			
17) Toluene-d8	21.63	98	1419779	5.14	ug/L	0.02
Spiked Amount 5.000			Recovery = 102.80%			
54) 4-Bromofluorobenzene	28.51	95	426642	5.11	ug/L	0.00
Spiked Amount 5.000			Recovery = 102.20%			
Target Compounds						Qvalue
11) Acetone	9.37	43	2607	0.92	ug/L	98

(#) = qualifier out of range (m) = manual integration
10164.D W042302.M Wed May 01 14:36:37 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10164.D Vial: 13
Acq On : 1 May 2002 12:06 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 1 14:36 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10164.D Vial: 13
Acq On : 1 May 2002 12:06 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

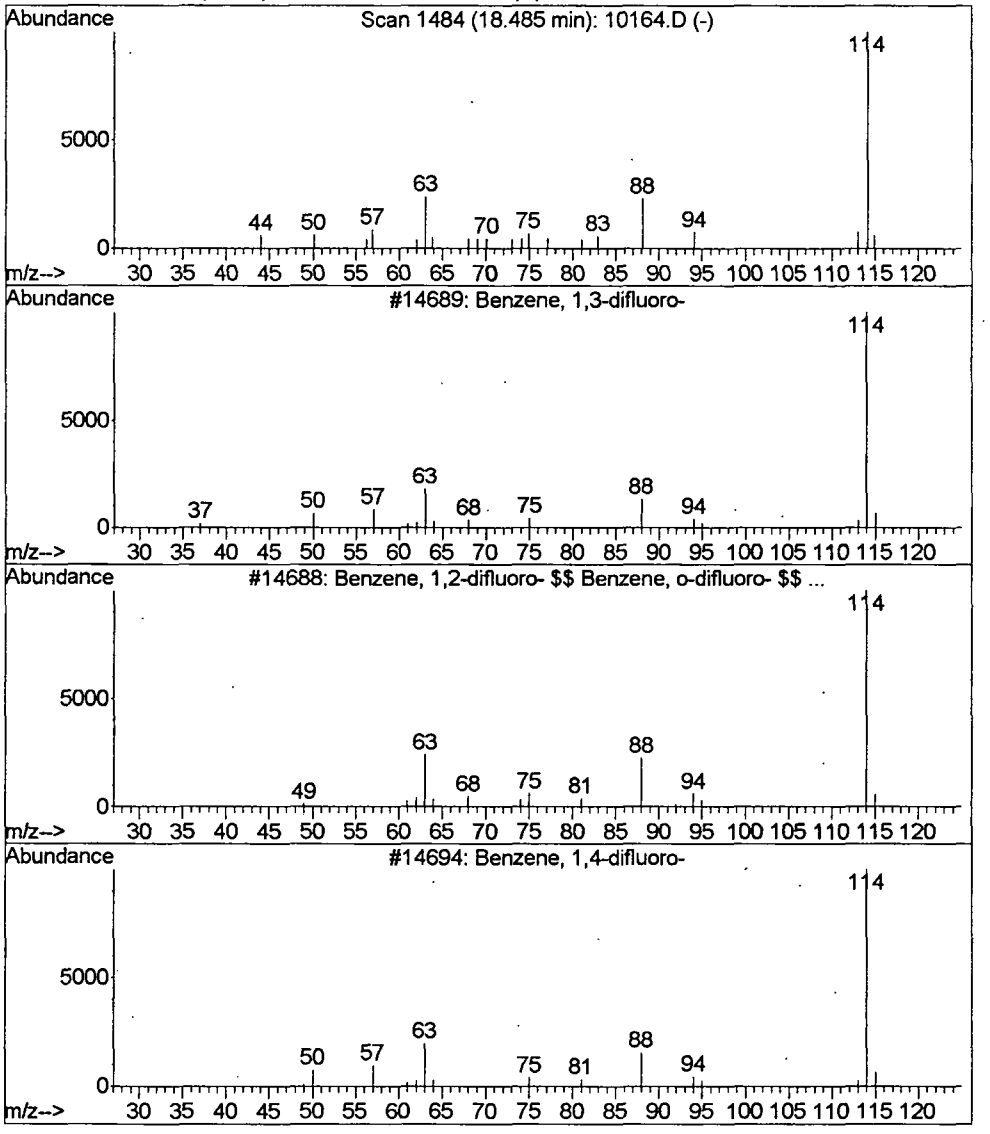
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

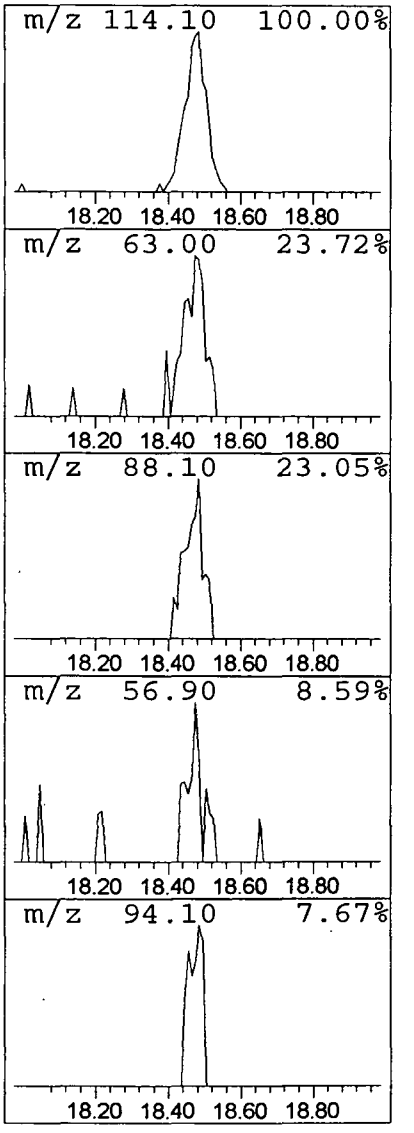
****

Peak Number 2 Benzene, 1,3-difluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.05 ug/L	24080	1,4-Difluorobenzene	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	90
2	Benzene, 1,2-difluoro- $$ Benzen...	114	C6H4F2	000367-11-3	90
3	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	87
4	Benzene, 1,3-difluoro- $$ Benzen...	114	C6H4F2	000372-18-9	87





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10164.D Vial: 13
Acq On : 1 May 2002 12:06 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

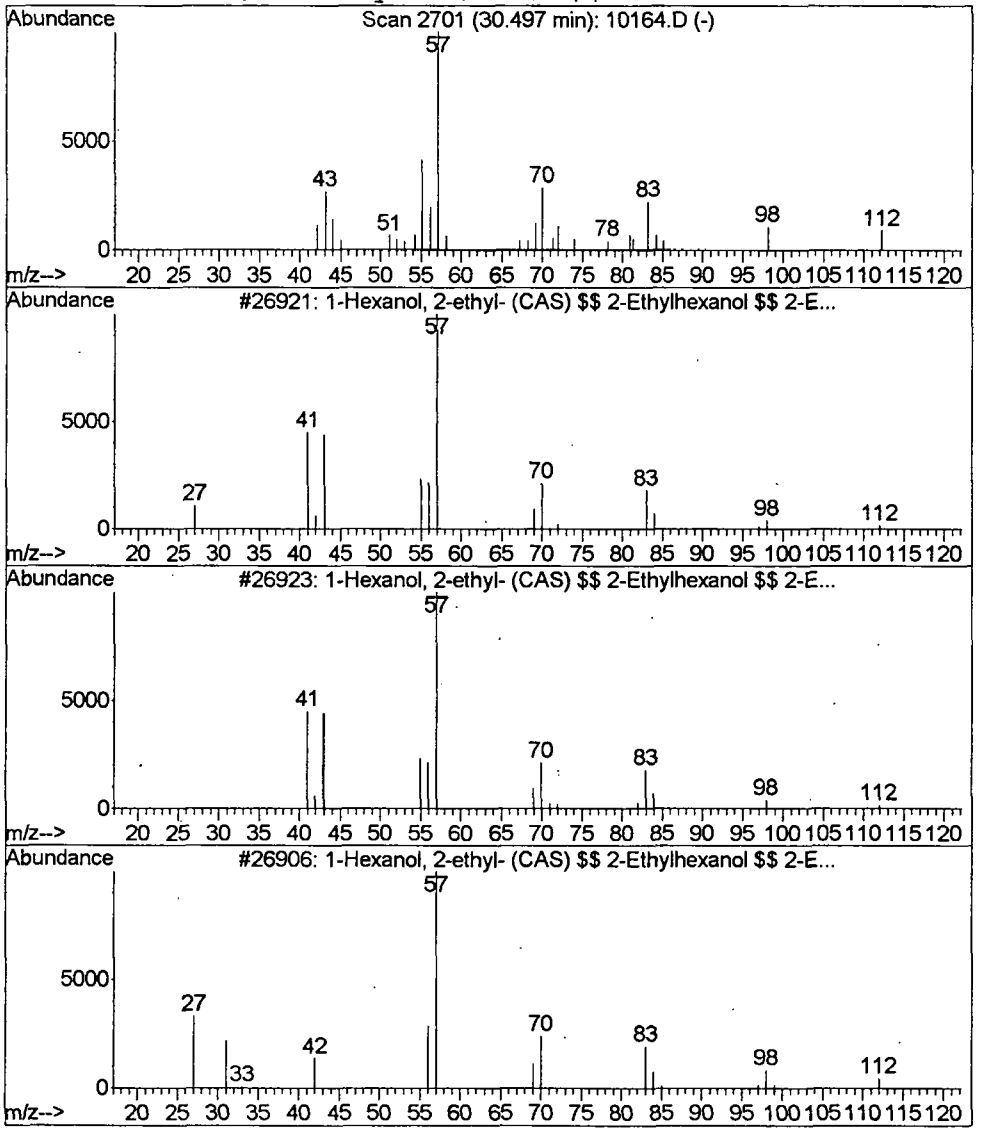
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

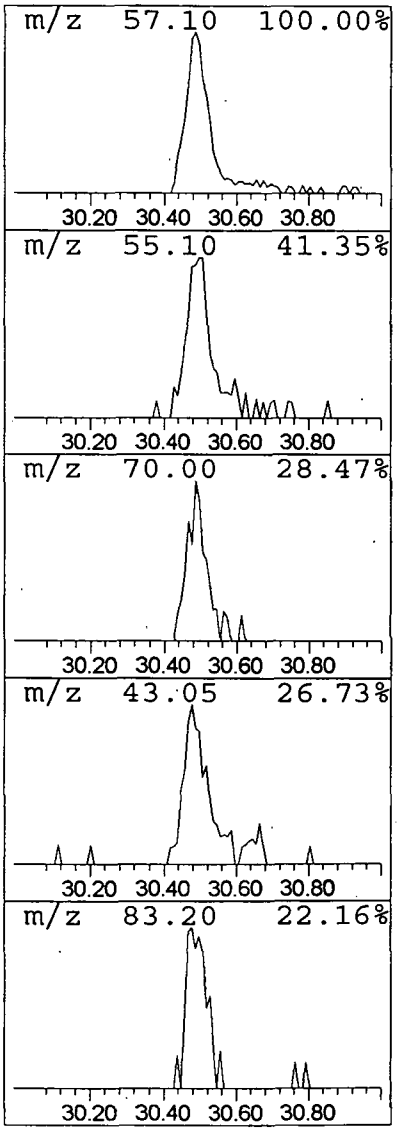
****

Peak Number 3 1-Hexanol, 2-ethyl- (CAS) $... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.50	0.08 ug/L	45244	1,4-Dichlorobenzene-d4	31.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	59
2	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	59
3	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	53
4	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	53





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:25:18

Sample: AE10165
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/1/02 00:52 Ended: 5/1/02 00:52 Analyst: BH
Result source: a:\10165.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1		0.5
2	Surr - 4-BROMOFLUOROBENZ		5.1		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.1		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 5/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:25:18

Sample: AE10165
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/1/02 00:52 Ended: 5/1/02 00:52 Analyst: BH
Result source: a:\10165.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10165.D Vial: 14
Acq On : 1 May 2002 12:52 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 14:36:45 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

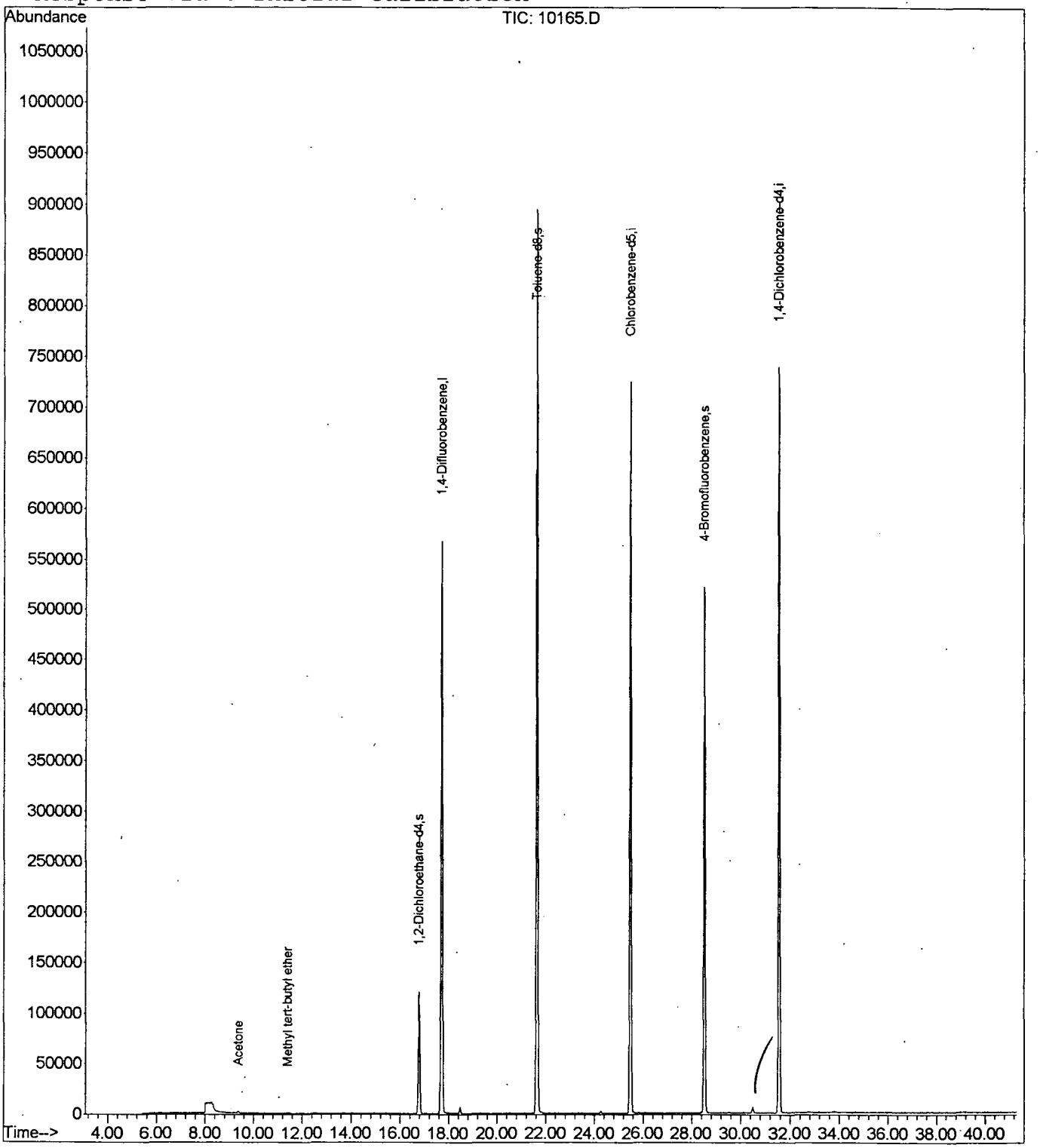
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1020006	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	963526	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	729164	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	187584	5.05	ug/L	0.02
Spiked Amount 5.000			Recovery = 101.00%			
17) Toluene-d8	21.63	98	1409104	5.15	ug/L	0.02
Spiked Amount 5.000			Recovery = 103.00%			
54) 4-Bromofluorobenzene	28.51	95	425618	5.12	ug/L	0.00
Spiked Amount 5.000			Recovery = 102.40%			
Target Compounds						Qvalue
11) Acetone	9.35	43	5015	1.78	ug/L	90
14) Methyl tert-butyl ether	11.40	73	1895	0.05	ug/L	96

(#) = qualifier out of range (m) = manual integration
10165.D W042302.M Wed May 01 14:36:46 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10165.D Vial: 14
Acq On : 1 May 2002 12:52 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 1 14:36 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10165.D Vial: 14
Acq On : 1 May 2002 12:52 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

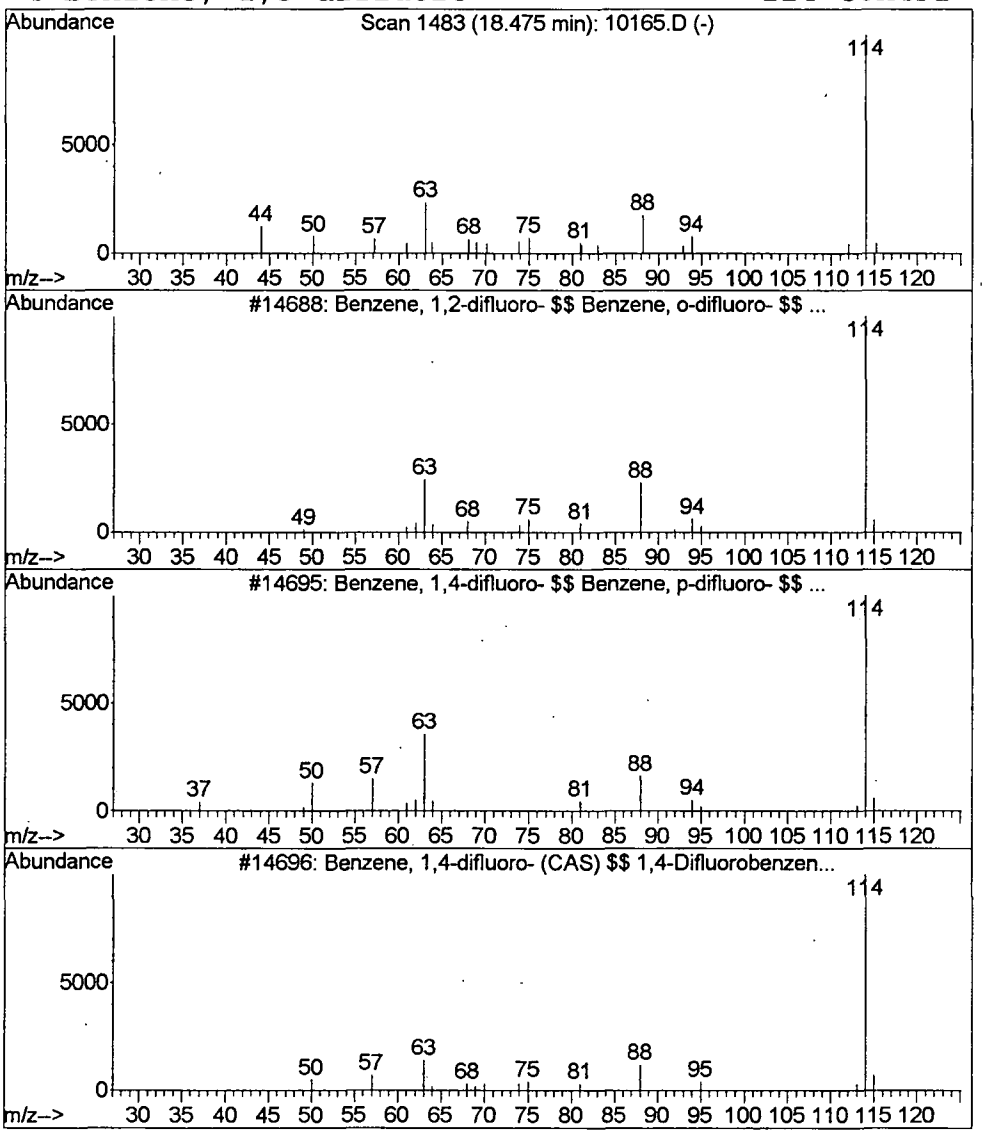
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

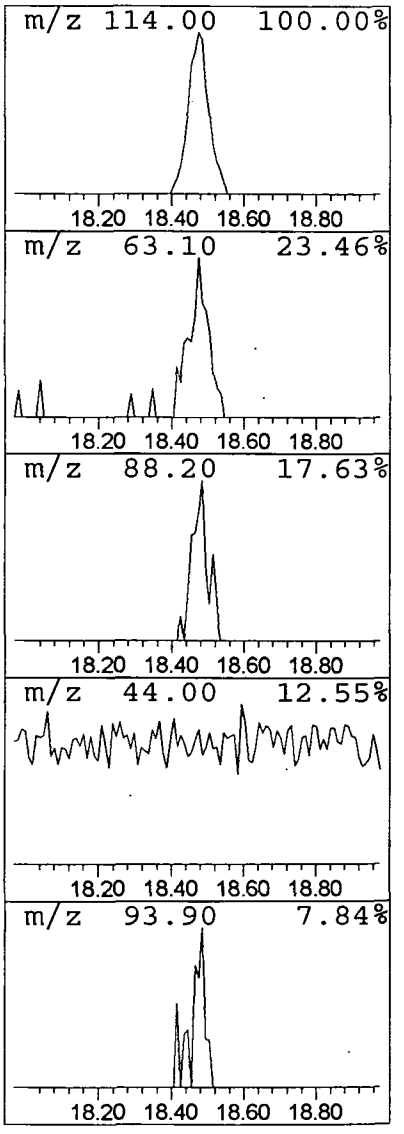
****

Peak Number 2 Benzene, 1,2-difluoro- $$ B... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	0.06 ug/L	28962	1,4-Difluorobenzene	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-difluoro- $$ Benzen...	114	C6H4F2	000367-11-3	83
2	Benzene, 1,4-difluoro- $$ Benzen...	114	C6H4F2	000540-36-3	72
3	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	72
4	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	72





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10165.D Vial: 14
Acq On : 1 May 2002 12:52 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

low - not reported

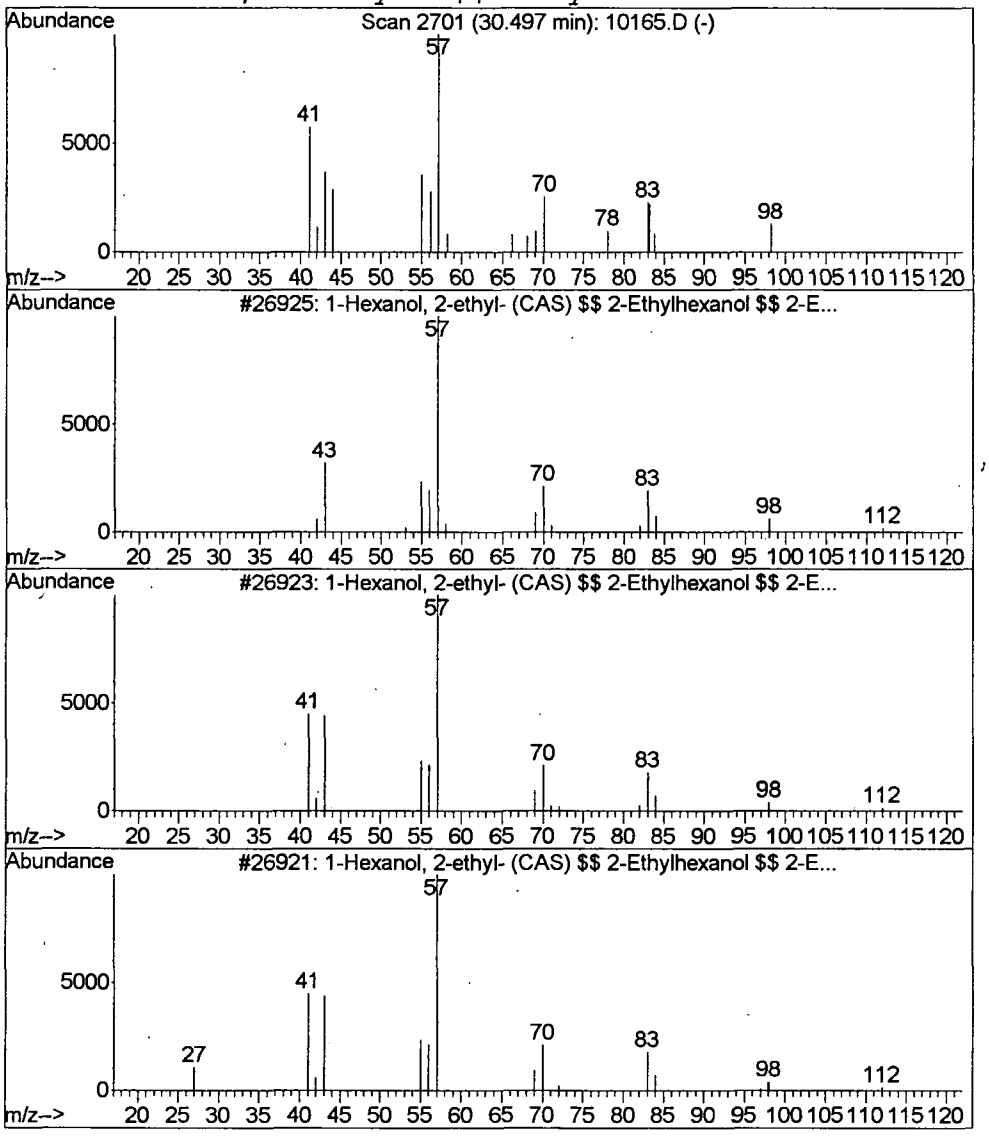
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

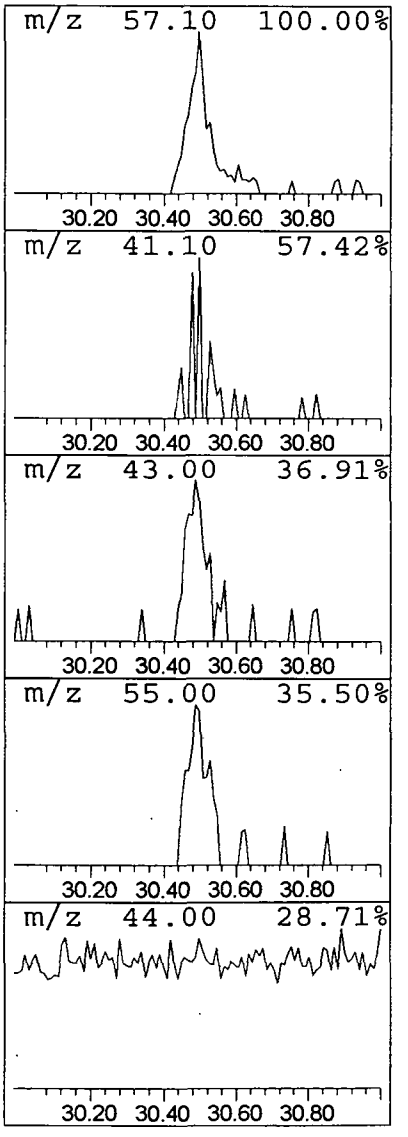
****

Peak Number 3 1-Hexanol, 2-ethyl- (CAS) $... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.50	0.04 ug/L	19803	1,4-Dichlorobenzene-d4	31.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	47
2	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	43
3	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	43
4	1-Hexanol, 2-ethyl- $$ Ethylhexa...	130	C8H18O	000104-76-7	38





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:25:39

Sample: AE10236
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/1/02 01:39 Ended: 5/1/02 01:39 Analyst: BH
Result source: a:\10236.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		5.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY
DATE 5/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:25:39

Sample: AE10236
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/1/02 01:39 Ended: 5/1/02 01:39 Analyst: BH
Result source: a:\10236.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Comments for Sample AE10236 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-06-2002 Time: 17:00:01

2-ETHYL HEXANOL is present in this sample as a 524.2 TIC. The estimated concentration is 0.33 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10236.D Vial: 15
Acq On : 1 May 2002 1:39 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 14:36:49 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

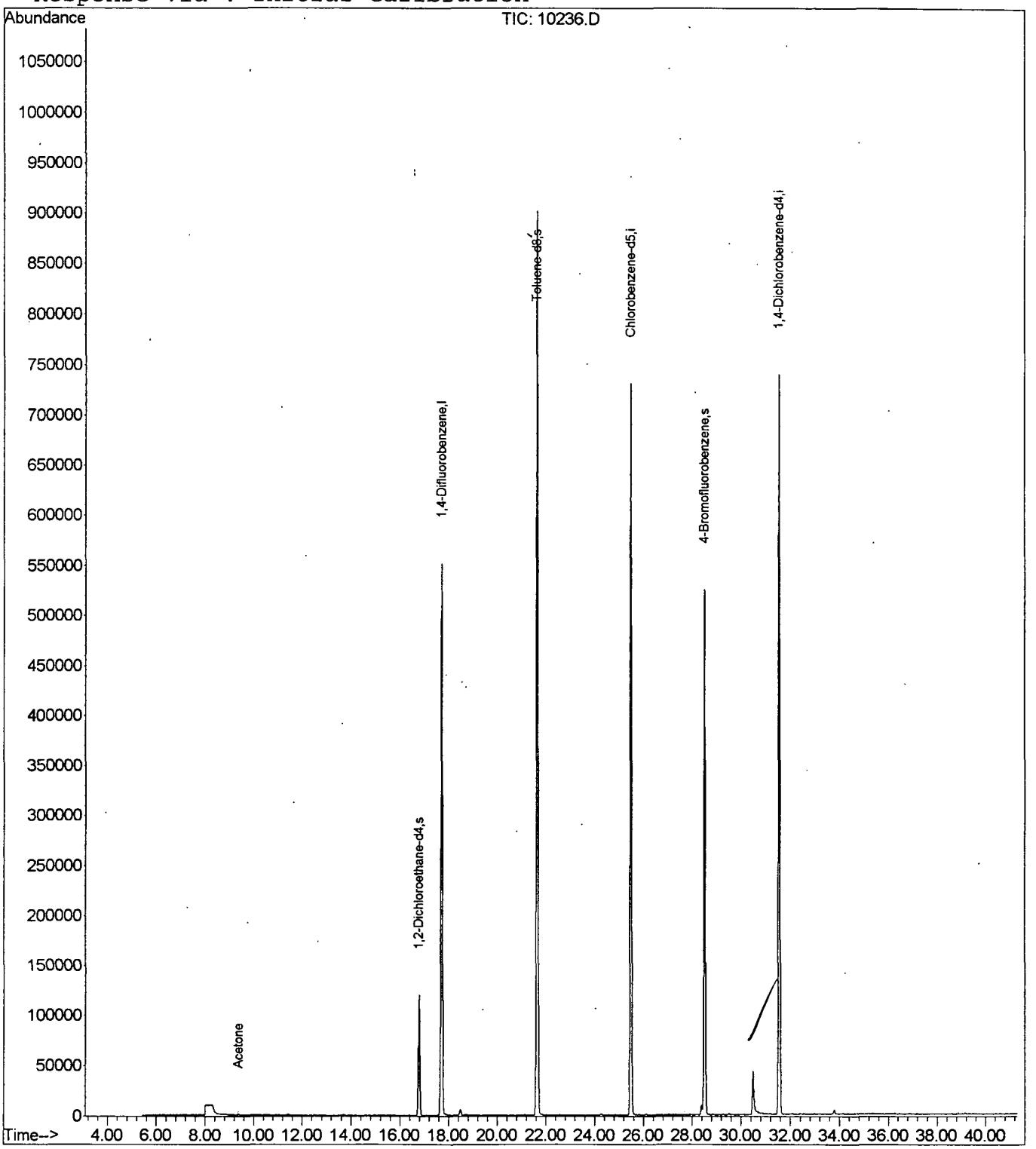
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	996641	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	958746	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	737352	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	181197	4.99	ug/L	0.02
Spiked Amount 5.000			Recovery = 99.80%			
17) Toluene-d8	21.62	98	1398703	5.23	ug/L	0.00
Spiked Amount 5.000			Recovery = 104.60%			
54) 4-Bromofluorobenzene	28.51	95	434411	5.16	ug/L	0.00
Spiked Amount 5.000			Recovery = 103.20%			
Target Compounds						Qvalue
11) Acetone	9.37	43	2569	0.94	ug/L	89

(#) = qualifier out of range (m) = manual integration
10236.D W042302.M Wed May 01 14:36:51 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10236.D Vial: 15
Acq On : 1 May 2002 1:39 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 1 14:36 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10236.D Vial: 15
Acq On : 1 May 2002 1:39 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

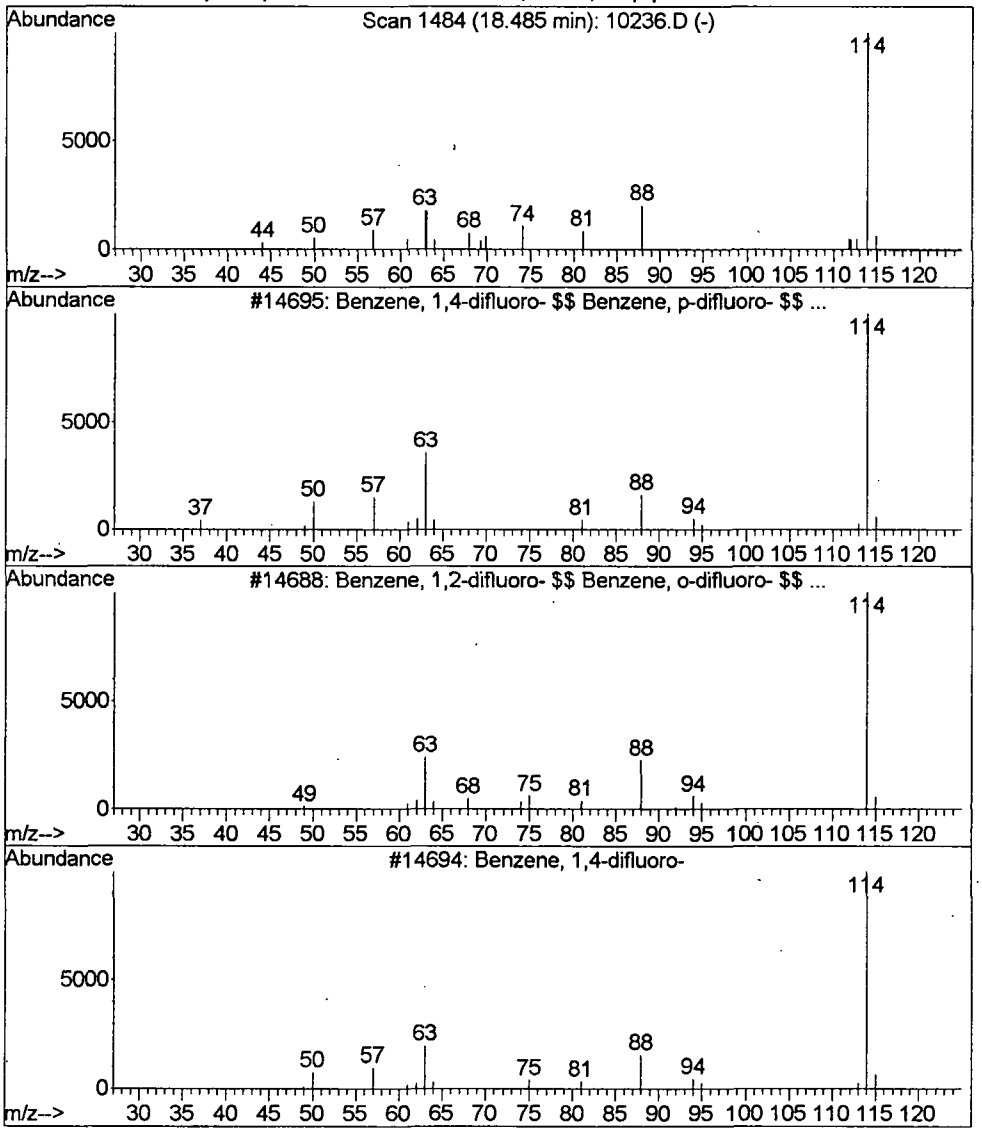
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

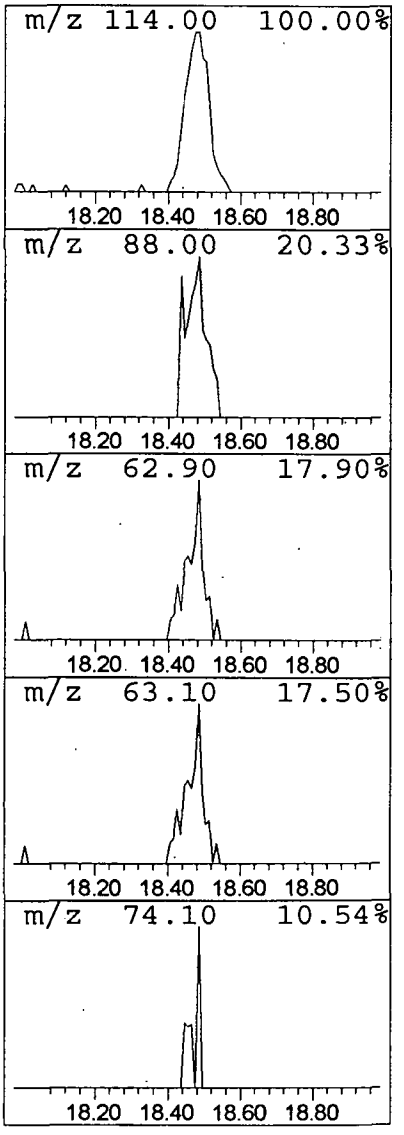
****

Peak Number 3 Benzene, 1,4-difluoro- $$ B... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.06 ug/L	26914	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro- $$ Benzen...	114	C6H4F2	000540-36-3	80
2	Benzene, 1,2-difluoro- $$ Benzen...	114	C6H4F2	000367-11-3	80
3	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	72
4	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	72





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10236.D Vial: 15
Acq On : 1 May 2002 1:39 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

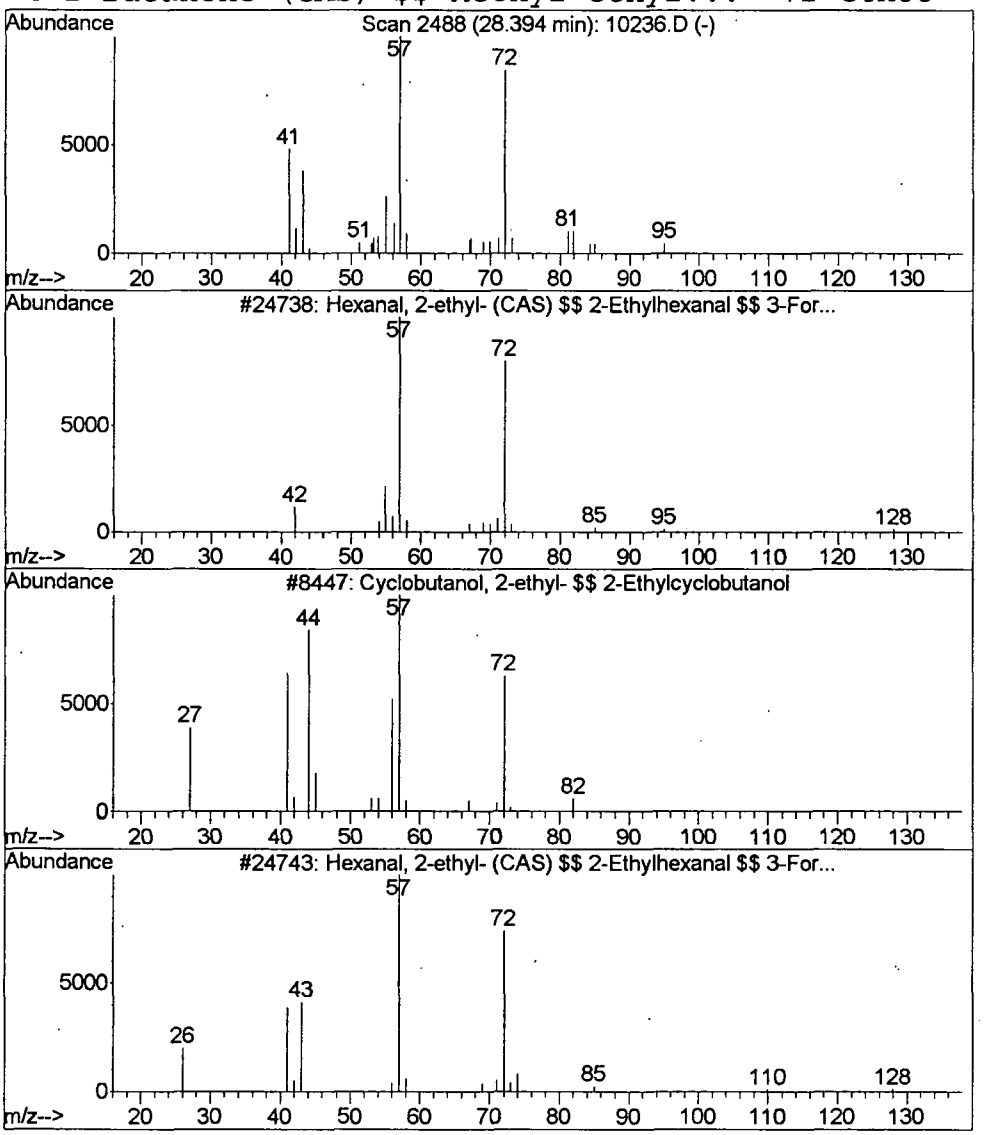
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

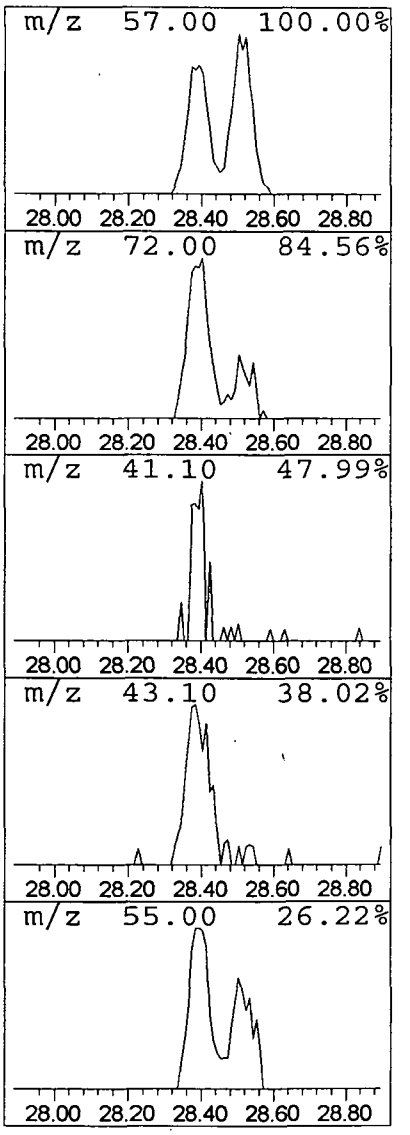
****

Peak Number 4 Hexanal, 2-ethyl- (CAS) $$ ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.39	0.07 ug/L	39485	Chlorobenzene-d5	25.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal, 2-ethyl- (CAS) $$ 2-Eth...	128	C8H16O	000123-05-7	64
2	Cyclobutanol, 2-ethyl- $$ 2-Ethy...	100	C6H12O	035301-43-0	64
3	Hexanal, 2-ethyl- (CAS) $$ 2-Eth...	128	C8H16O	000123-05-7	59
4	2-Butanone (CAS) $$ Methyl ethyl...	72	C4H8O	000078-93-3	53





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10236.D Vial: 15
Acq On : 1 May 2002 1:39 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

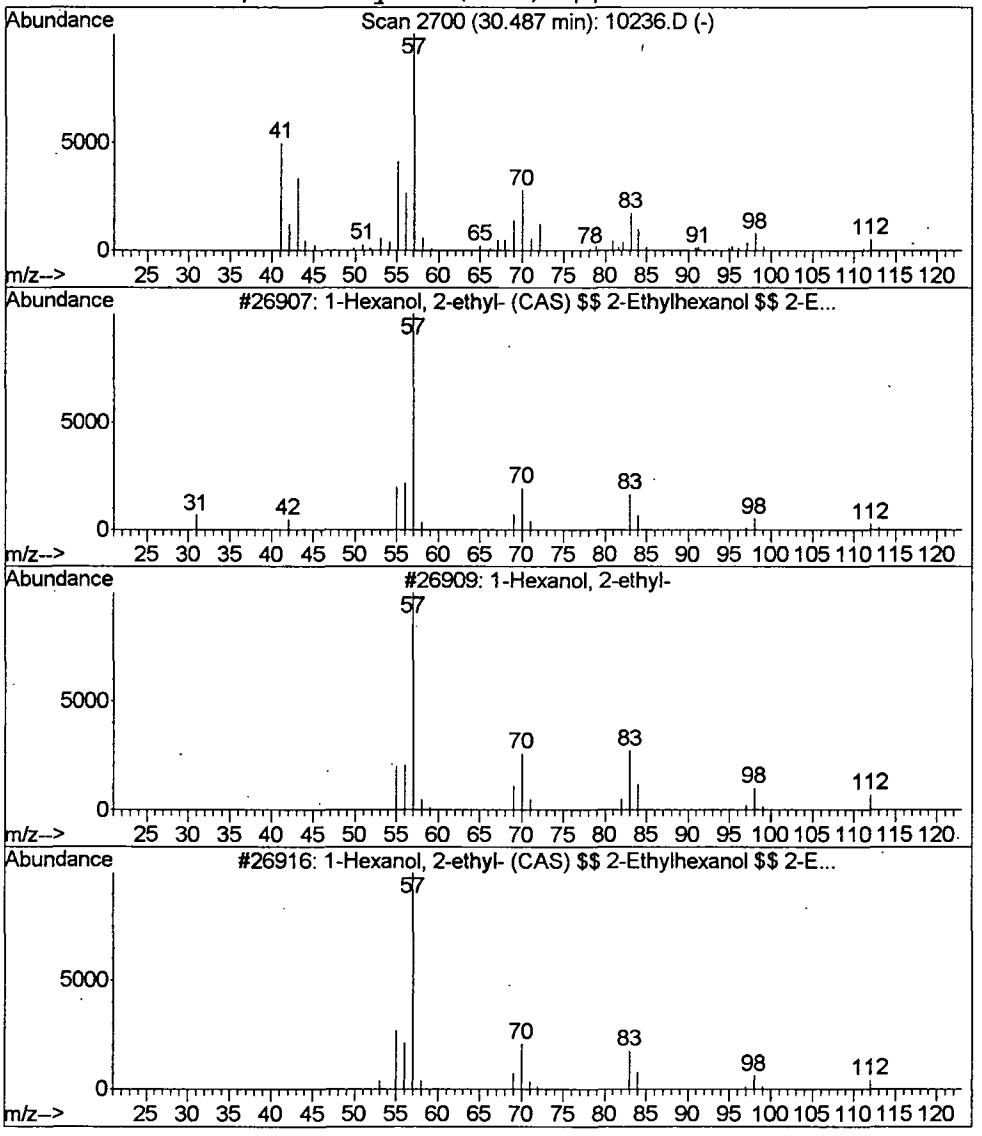
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

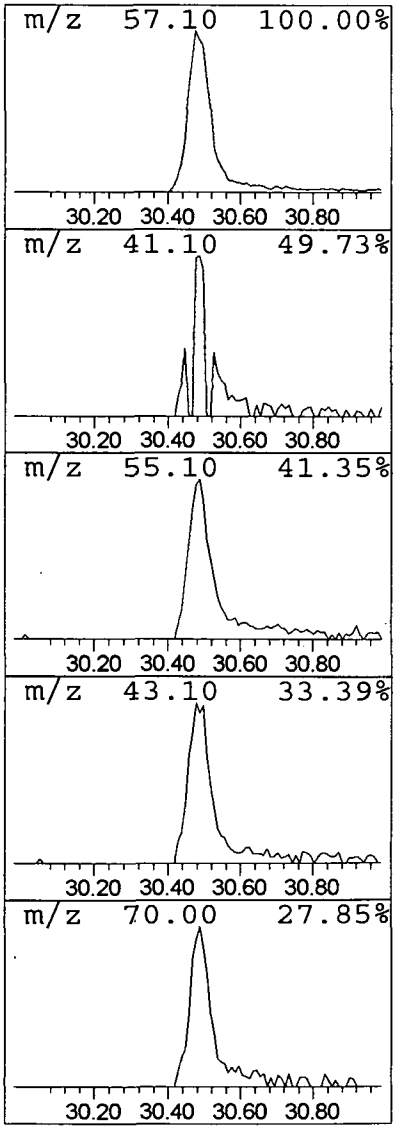
****

Peak Number 5 1-Hexanol, 2-ethyl- (CAS) $... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.49	0.33 ug/L	184512	1,4-Dichlorobenzene-d4	31.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	78





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:25:54

Sample: AE10237
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/1/02 02:25 Ended: 5/1/02 02:25 Analyst: BH
Result source: a:\10237.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1		0.5
2	Surr - 4-BROMOFLUOROBENZ		5.1		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 5/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:25:54

Sample: AE10237
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/1/02 02:25 Ended: 5/1/02 02:25 Analyst: BH
Result source: a:\10237.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Comments for Sample AE10237 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-06-2002 Time: 17:00:17

2-ETHYL HEXANOL is present in this sample as a 524.2 TIC. The estimated concentration is 0.08 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10237.D Vial: 16
Acq On : 1 May 2002 2:25 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 14:37:00 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

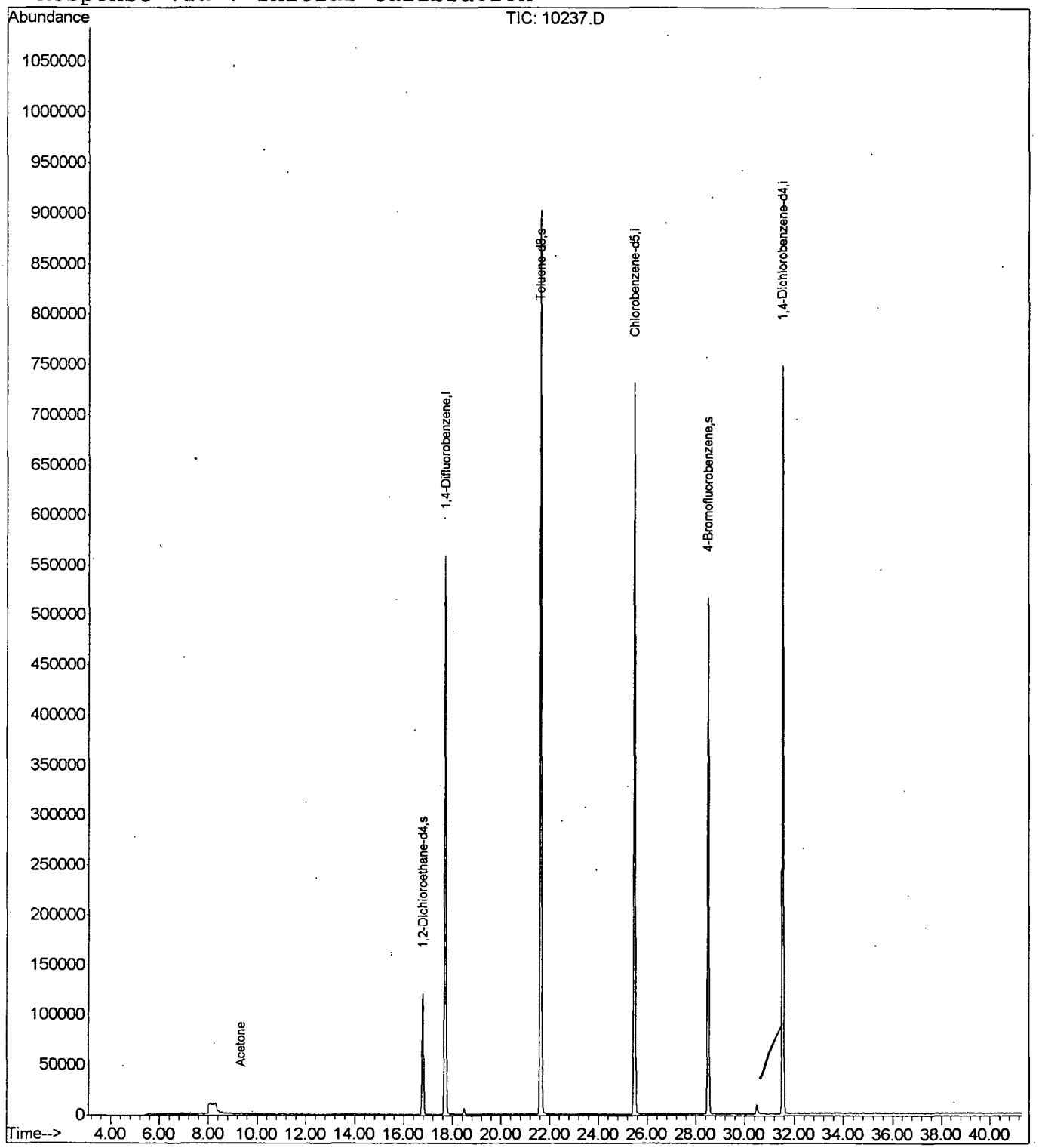
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1008748	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	952448	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.55	150	730108	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.79	65	187659	5.11	ug/L	0.03
Spiked Amount 5.000			Recovery = 102.20%			
17) Toluene-d8	21.63	98	1402550	5.18	ug/L	0.02
Spiked Amount 5.000			Recovery = 103.60%			
54) 4-Bromofluorobenzene	28.51	95	426412	5.12	ug/L	0.00
Spiked Amount 5.000			Recovery = 102.40%			
Target Compounds						Qvalue
11) Acetone	9.34	43	1868	0.67	ug/L	89

(#) = qualifier out of range (m) = manual integration
10237.D W042302.M Wed May 01 14:37:02 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10237.D Vial: 16
Acq On : 1 May 2002 2:25 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 1 14:37 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10237.D Vial: 16
Acq On : 1 May 2002 2:25 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

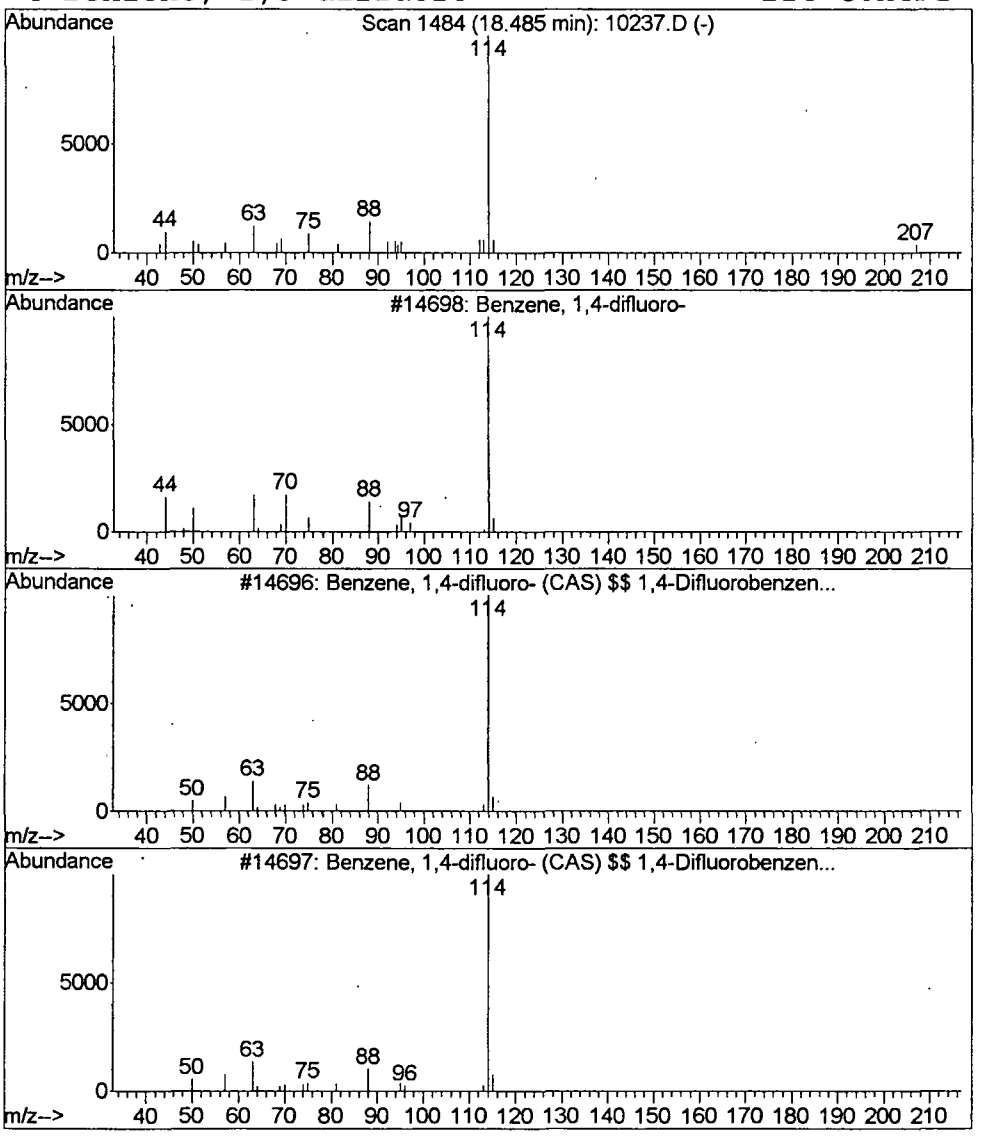
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

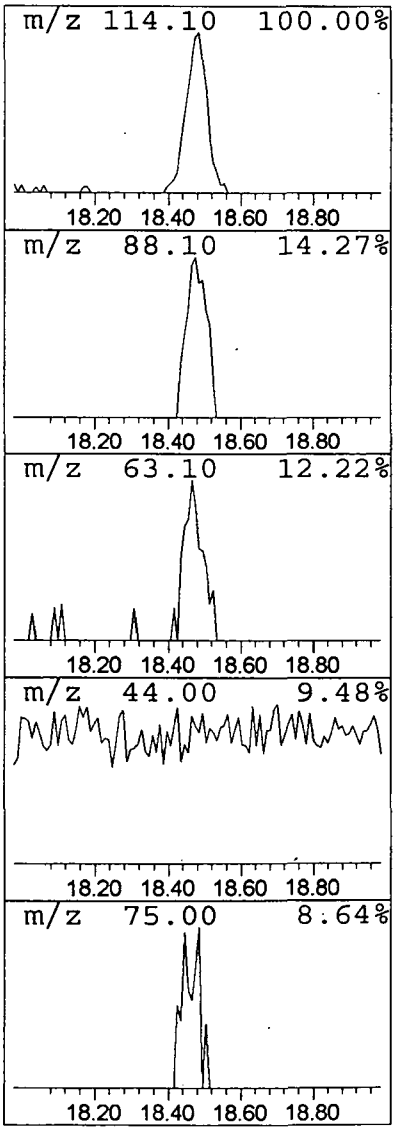
****

Peak Number 2 Benzene, 1,4-difluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.06 ug/L	27959	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	72
2	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	72
3	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	64
4	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	64





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10237.D Vial: 16
Acq On : 1 May 2002 2:25 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

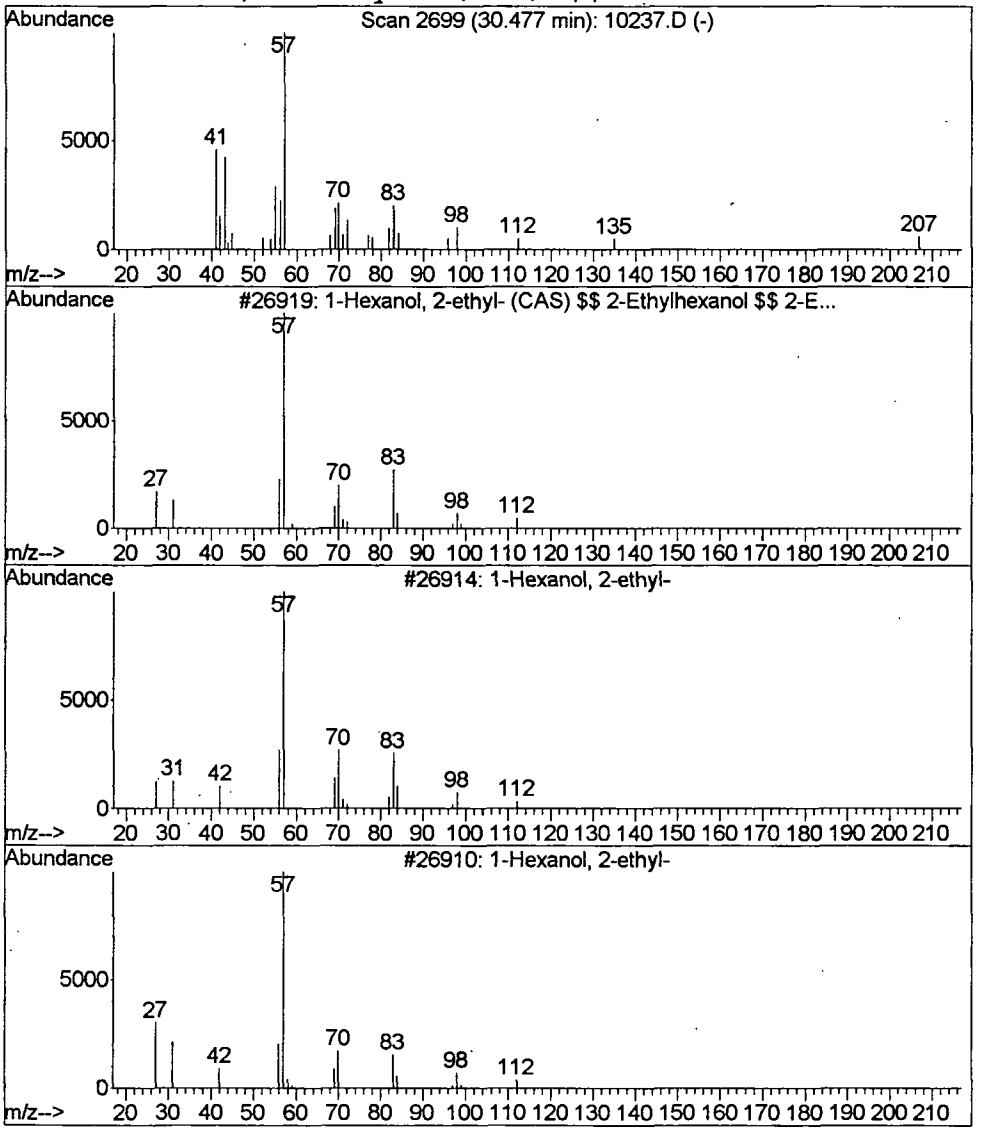
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

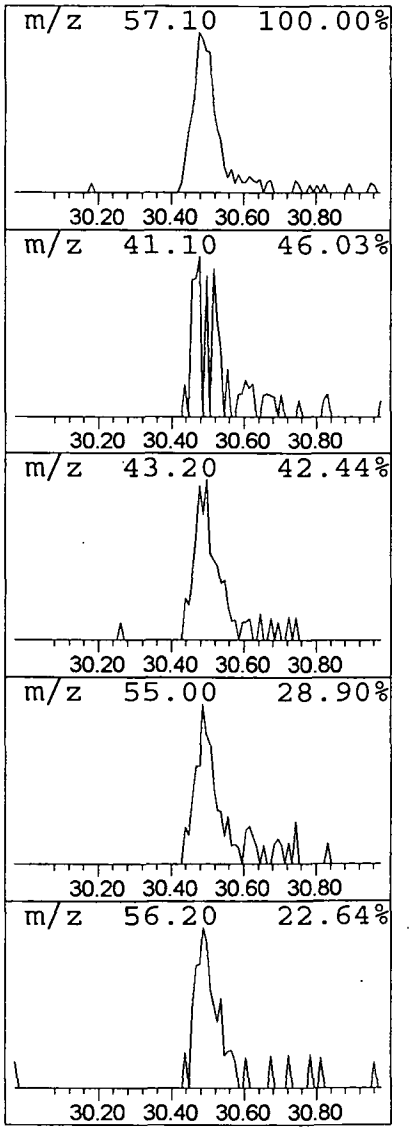
****

Peak Number 3 1-Hexanol, 2-ethyl- (CAS) $... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.48	0.08 ug/L	42641	1,4-Dichlorobenzene-d4	31.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	64
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	47
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	47
4	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	47





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:26:10

Sample: AE10238
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/1/02 03:12 Ended: 5/1/02 03:12 Analyst: BH
Result source: a:\10238.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2		0.5
2	Surr - 4-BROMOFLUOROBENZ		5.1		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 5/1/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:26:10

Sample: AE10238
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/1/02 03:12 Ended: 5/1/02 03:12 Analyst: BH
Result source: a:\10238.rr

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Comments for Sample AE10238 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-06-2002 Time: 17:00:34

2-ETHYL HEXANOL is present in this sample as a 524.2 TIC. The estimated concentration is 0.06 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10238.D Vial: 17
Acq On : 1 May 2002 3:12 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 14:37:06 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

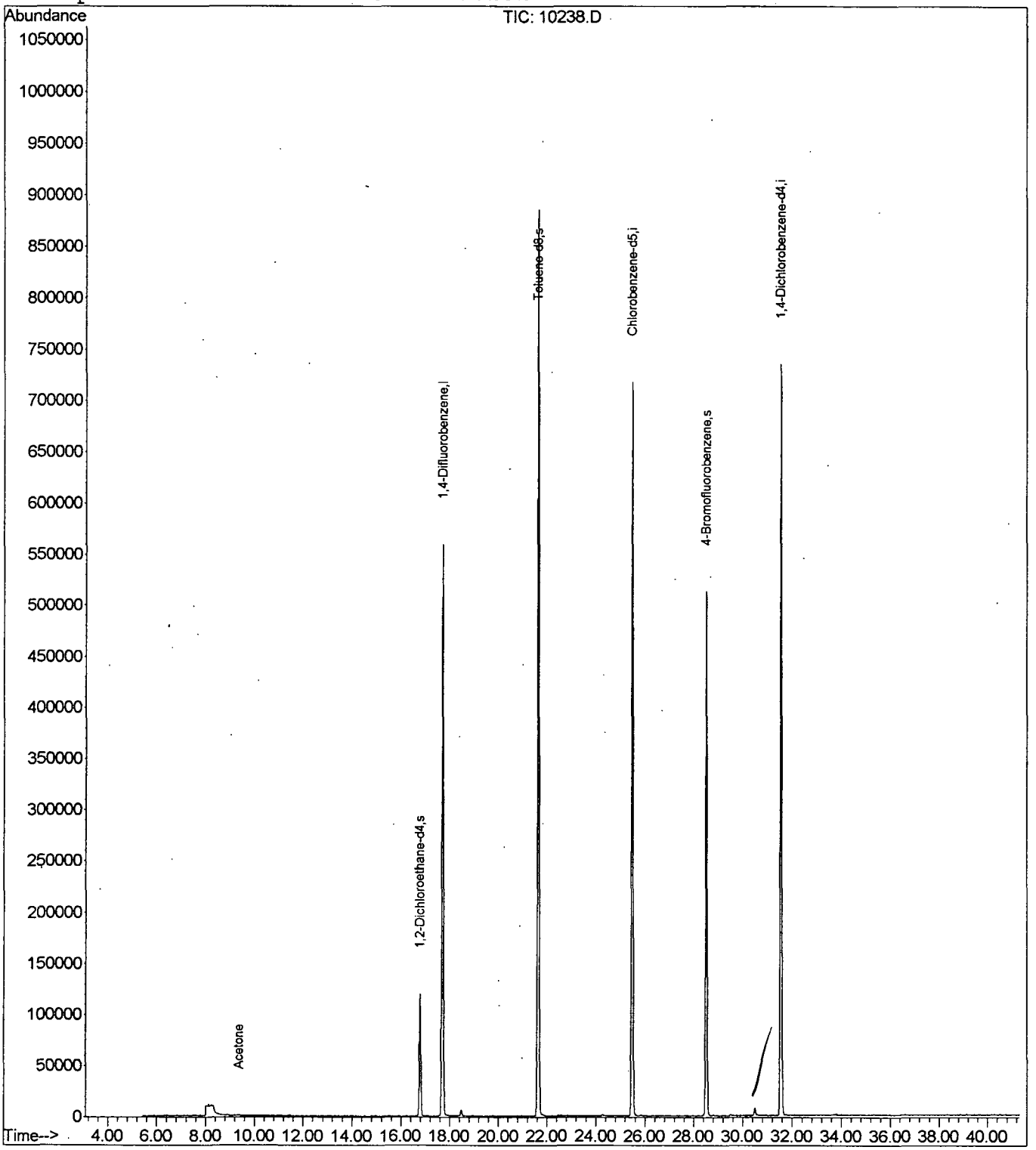
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1001765	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	941496	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	720492	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	188024	5.16	ug/L	0.02
Spiked Amount 5.000			Recovery = 103.20%			
17) Toluene-d8	21.63	98	1390151	5.17	ug/L	0.02
Spiked Amount 5.000			Recovery = 103.40%			
54) 4-Bromofluorobenzene	28.51	95	417596	5.08	ug/L	0.00
Spiked Amount 5.000			Recovery = 101.60%			
Target Compounds						Qvalue
11) Acetone	9.35	43	3352	1.21	ug/L	82

(#) = qualifier out of range (m) = manual integration
10238.D W042302.M Wed May 01 14:37:08 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10238.D Vial: 17
Acq On : 1 May 2002 3:12 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 1 14:37 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10238.D Vial: 17
Acq On : 1 May 2002 3:12 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

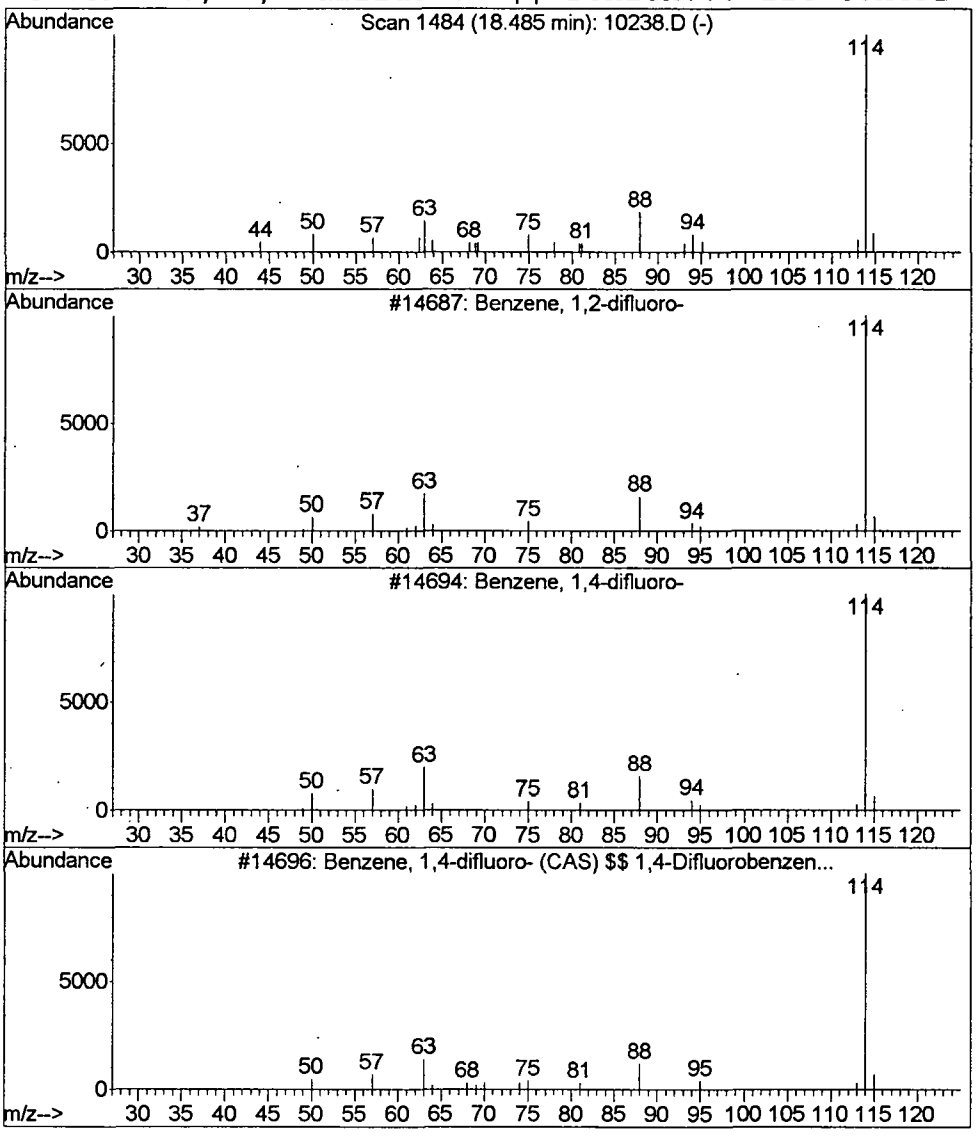
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

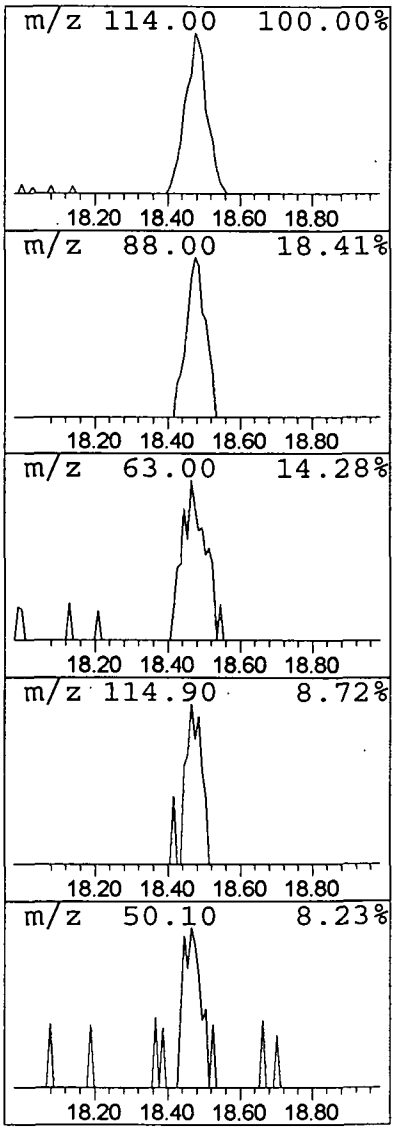
****

Peak Number 2 Benzene, 1,2-difluoro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.06 ug/L	25875	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	80
2	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	80
3	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	80
4	Benzene, 1,4-difluoro- $$ Benzen...	114	C6H4F2	000540-36-3	80





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10238.D Vial: 17
Acq On : 1 May 2002 3:12 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

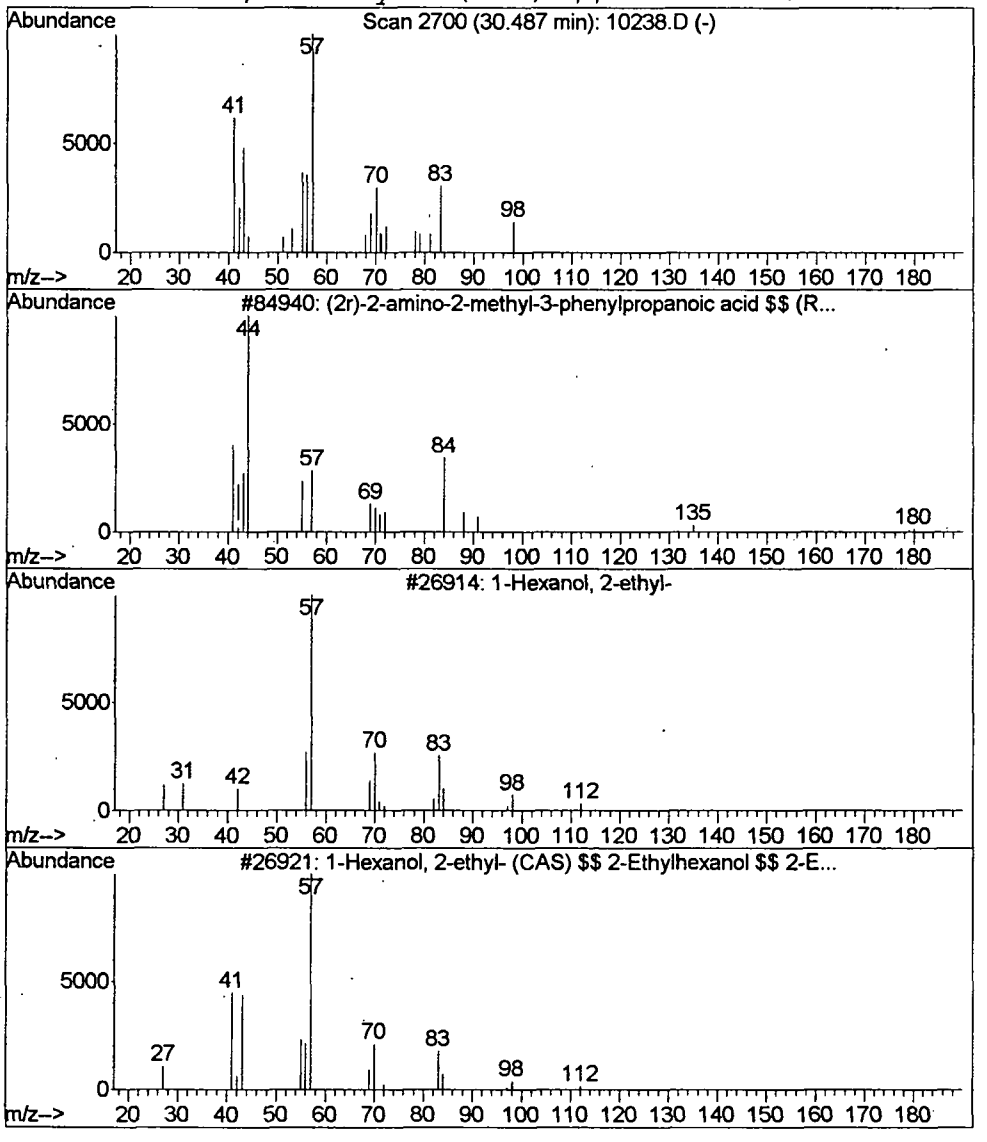
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

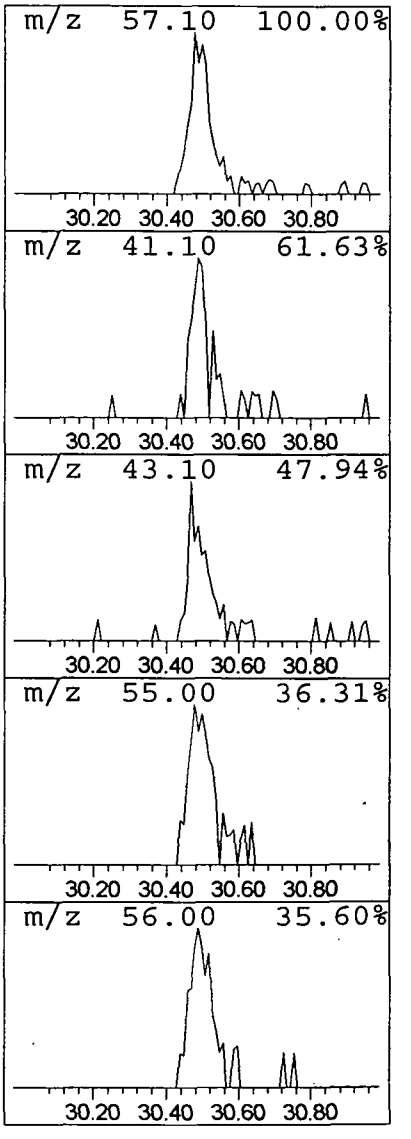
****

Peak Number 1 (2r)-2-amino-2-methyl-3-phe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.49	0.06 ug/L	31391	1,4-Dichlorobenzene-d4	31.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2r)-2-amino-2-methyl-3-phenylpr...	179	C10H13NO2	017350-84-4	38
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	37
3	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	35
4	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	35





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:26:37

Sample: AE10023
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/1/02 03:58 Ended: 5/1/02 03:58 Analyst: BH
Result source: a:\10023f.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.1		.5
2	Surr_4-BROMOFLUOROBENZE		5.1		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.2		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:26:37

Sample: AE10023
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/1/02 03:58 Ended: 5/1/02 03:58 Analyst: BH
Result source: a:\10023f.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10023F.D Vial: 18
Acq On : 1 May 2002 3:58 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 14:35:53 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	985172	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	940305	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.55	150	712521	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.79	65	181638	5.07	ug/L	0.03
Spiked Amount 5.000			Recovery = 101.40%			
17) Toluene-d8	21.63	98	1380180	5.22	ug/L	0.02
Spiked Amount 5.000			Recovery = 104.40%			
54) 4-Bromofluorobenzene	28.51	95	411950	5.07	ug/L	0.00
Spiked Amount 5.000			Recovery = 101.40%			
Target Compounds						Qvalue
11) Acetone	9.35	43	48680	17.93	ug/L	93

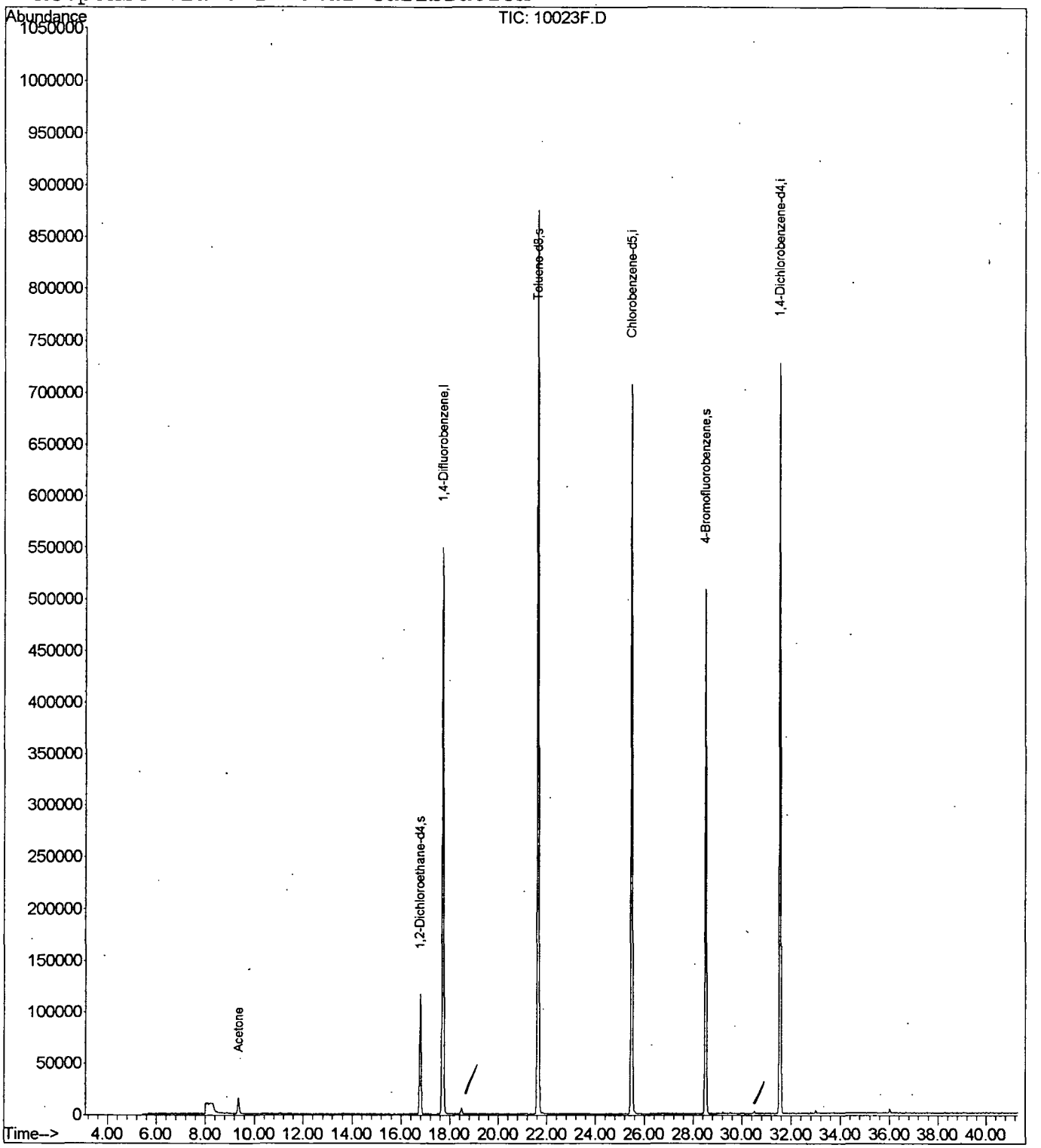
a lot

(#) = qualifier out of range (m) = manual integration
10023F.D W042302.M Wed May 01 14:35:54 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10023F.D Vial: 18
Acq On : 1 May 2002 3:58 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 1 14:35 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10023F.D Vial: 18
Acq On : 1 May 2002 3:58 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

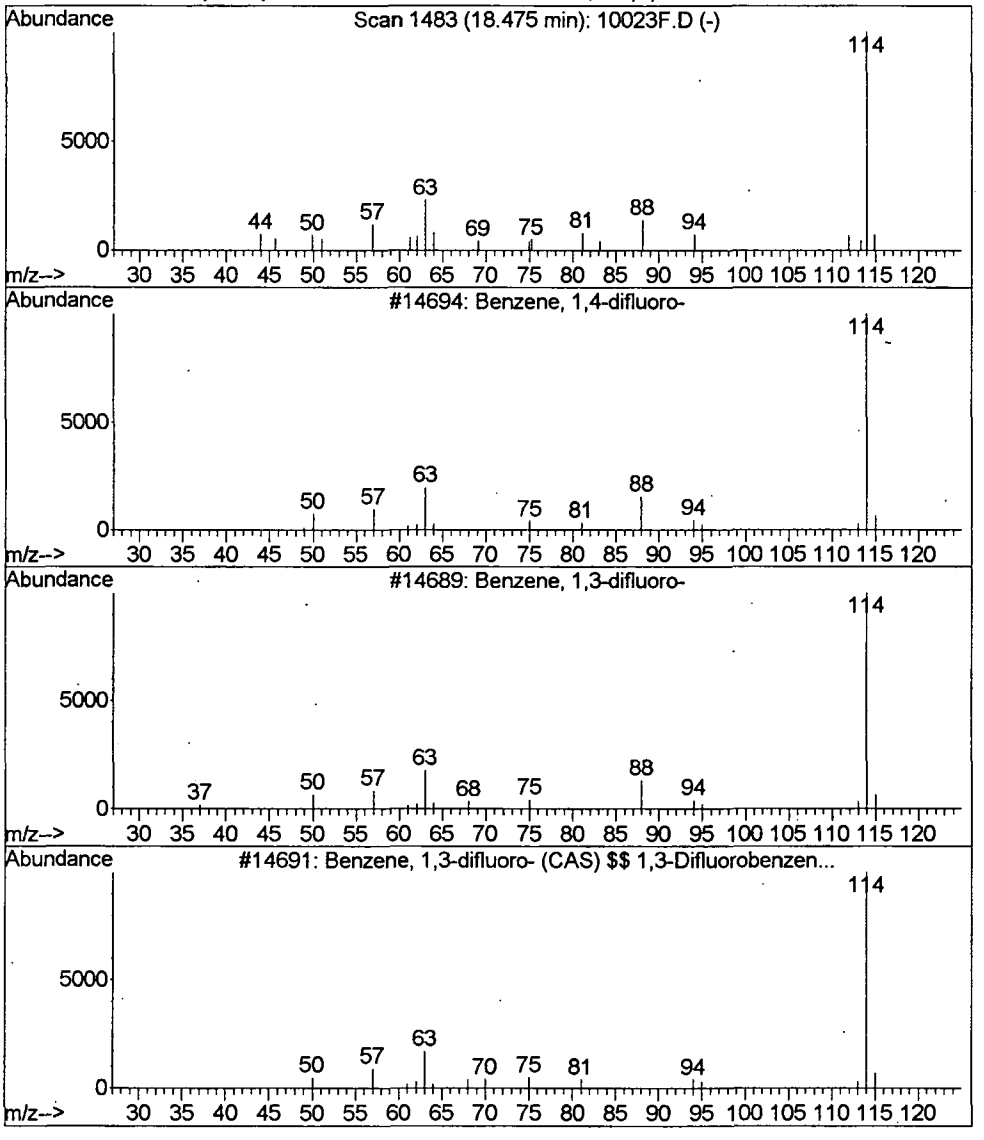
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

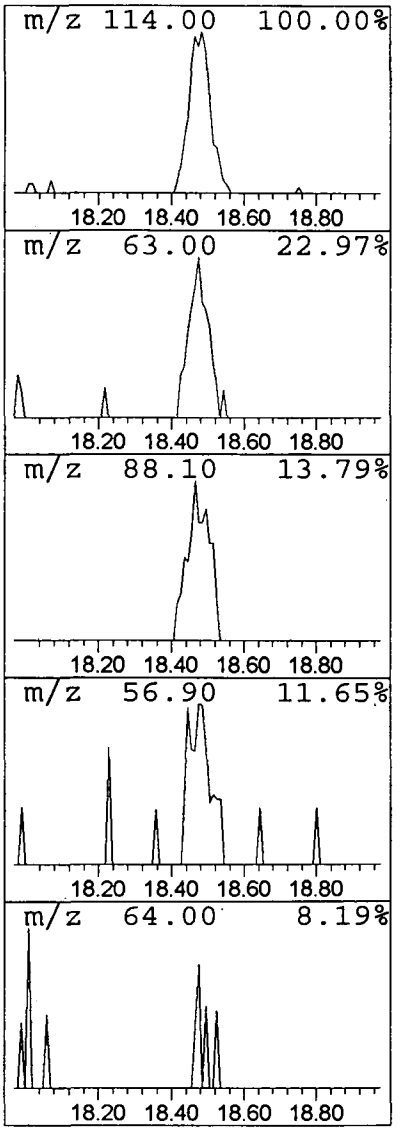
****

Peak Number 2 Benzene, 1,4-difluoro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	0.06 ug/L	26044	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	86
2	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	86
3	Benzene, 1,3-difluoro- (CAS) $$ ...	114	C6H4F2	000372-18-9	83
4	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	80





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:27:03

Sample: AE10159
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/1/02 04:45 Ended: 5/1/02 04:45 Analyst: BH
Result source: a:\10159f.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.1		.5
2	Surr_4-BROMOFLUOROBENZE		5.1		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:27:03

Sample: AE10159
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/1/02 04:45 Ended: 5/1/02 04:45 Analyst: BH
Result source: a:\10159f.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10159F.D Vial: 19
Acq On : 1 May 2002 4:45 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 14:36:15 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

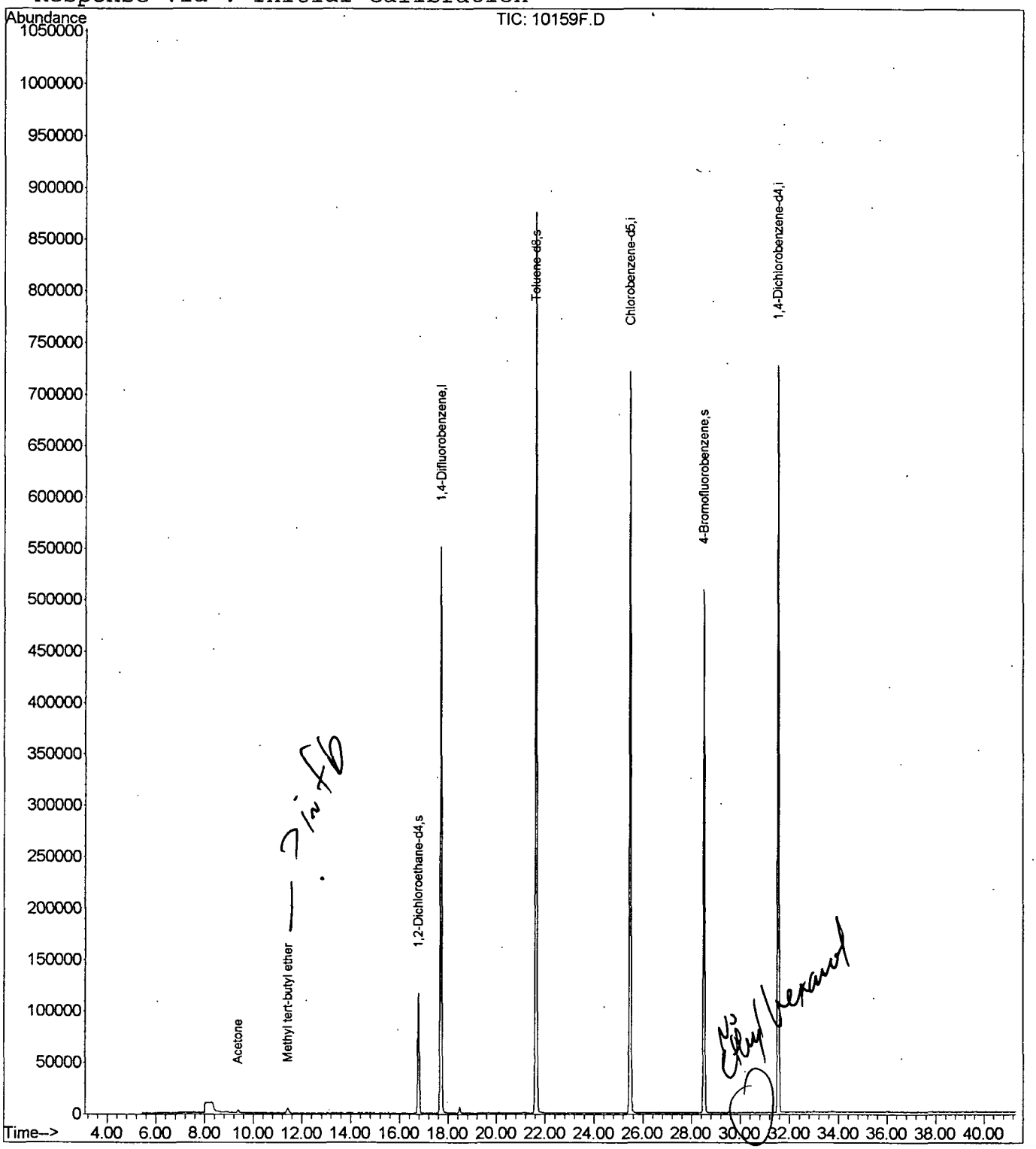
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	992479	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	941952	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	717637	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	184426	5.10	ug/L	0.02
Spiked Amount 5.000			Recovery =	102.00%		
17) Toluene-d8	21.62	98	1367913	5.13	ug/L	0.00
Spiked Amount 5.000			Recovery =	102.60%		
54) 4-Bromofluorobenzene	28.51	95	415212	5.07	ug/L	0.00
Spiked Amount 5.000			Recovery =	101.40%		
Target Compounds						Qvalue
11) Acetone	9.36	43	8513	3.11	ug/L	94
14) Methyl tert-butyl ether	11.41	73	14972	0.43	ug/L	96

(#) = qualifier out of range (m) = manual integration
10159F.D W042302.M Wed May 01 14:36:16 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10159F.D Vial: 19
Acq On : 1 May 2002 4:45 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 1 14:36 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10159F.D Vial: 19
Acq On : 1 May 2002 4:45 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

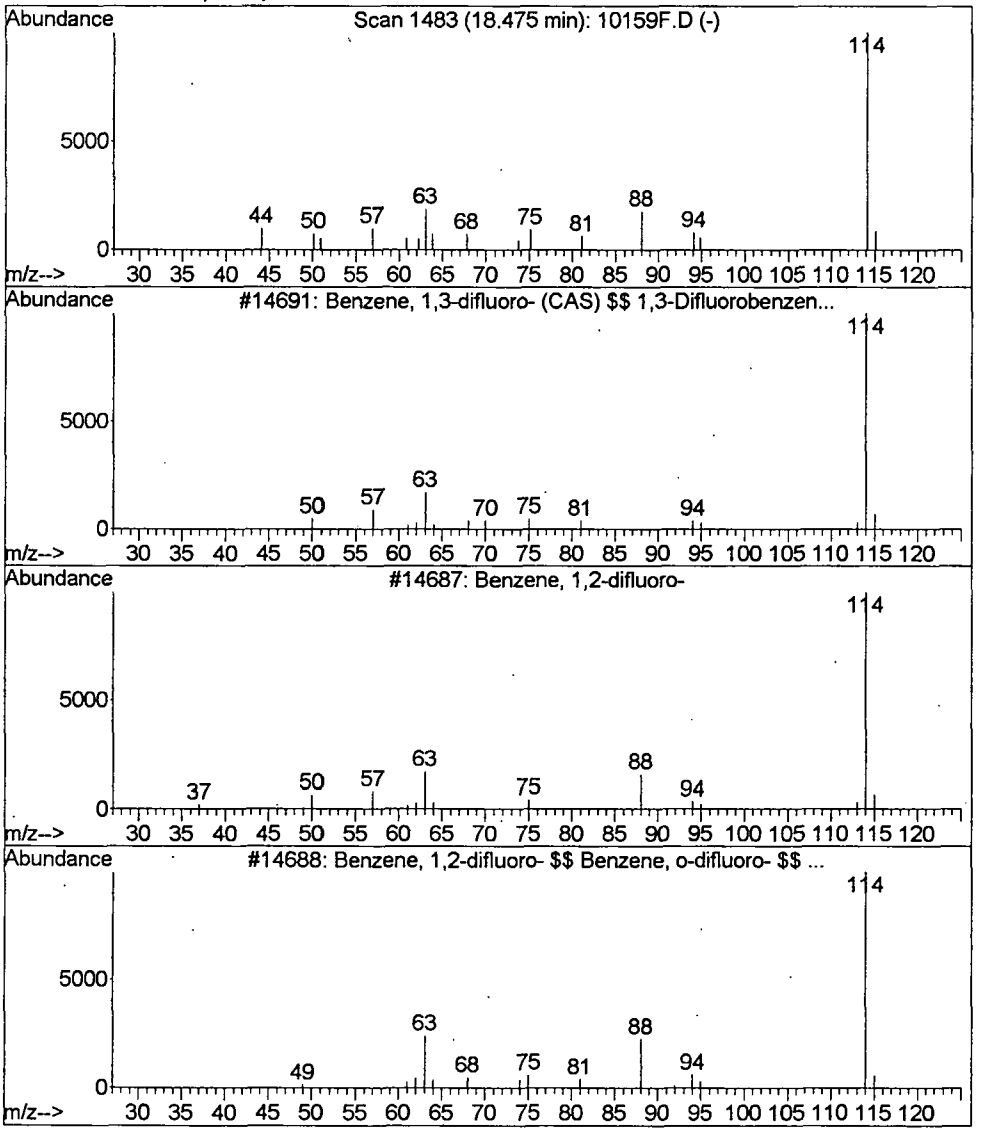
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

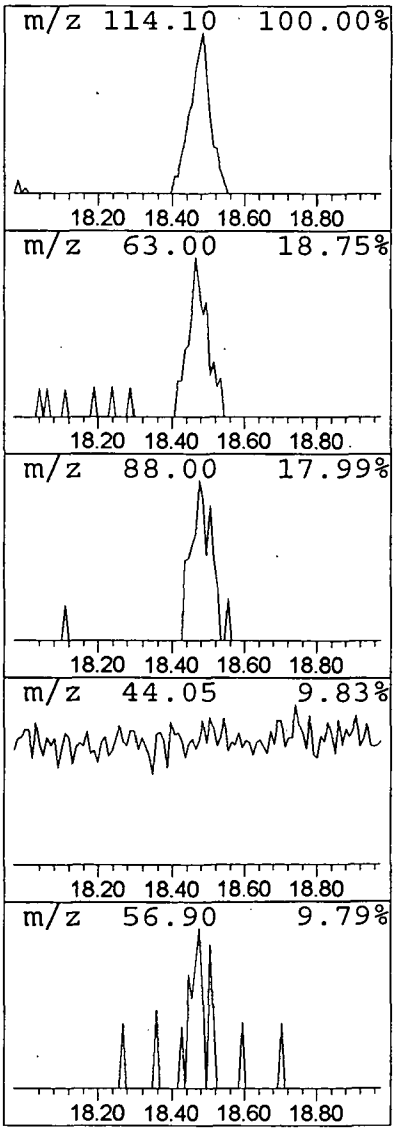
****

Peak Number 2 Benzene, 1,3-difluoro- (CAS... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	0.05 ug/L	23621	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-difluoro- (CAS) $$ ...	114	C6H4F2	000372-18-9	90
2	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	90
3	Benzene, 1,2-difluoro- $$ Benzen...	114	C6H4F2	000367-11-3	87
4	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	86





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:27:17

Sample: AE10164
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/1/02 05:32 Ended: 5/1/02 05:32 Analyst: BH
Result source: a:\10164f.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.1		.5
2	Surr_4-BROMOFLUOROBENZE		5.1		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.2		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:27:17

Sample: AE10164
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/1/02 05:32 Ended: 5/1/02 05:32 Analyst: BH
Result source: a:\10164f.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10164F.D Vial: 20
Acq On : 1 May 2002 5:32 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 14:36:41 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

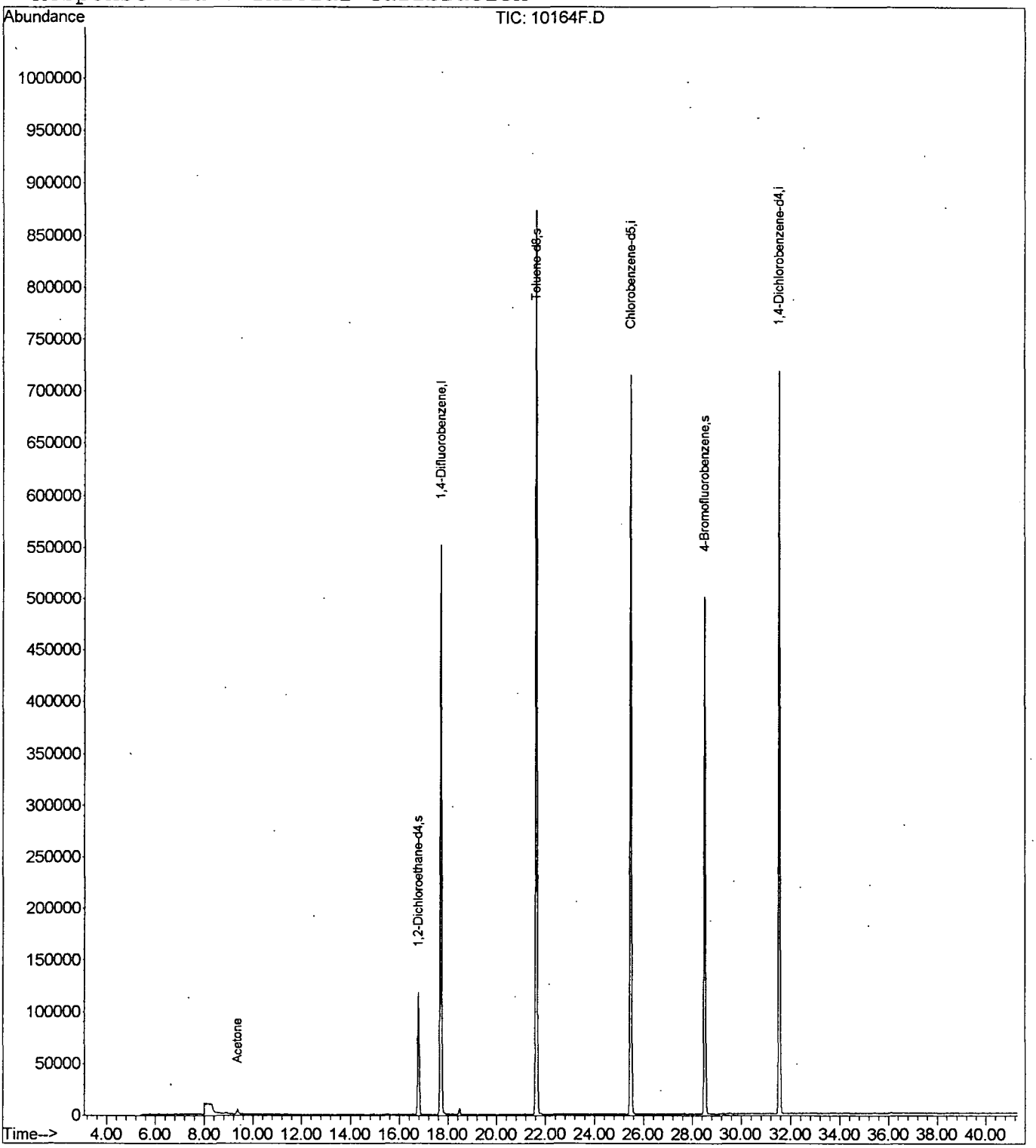
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	981954	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	935775	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	709685	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	181240	5.07	ug/L	0.02
Spiked Amount 5.000			Recovery =	101.40%		
17) Toluene-d8	21.62	98	1370608	5.20	ug/L	0.00
Spiked Amount 5.000			Recovery =	104.00%		
54) 4-Bromofluorobenzene	28.51	95	412583	5.10	ug/L	0.00
Spiked Amount 5.000			Recovery =	102.00%		
Target Compounds						Qvalue
11) Acetone	9.36	43	14382	5.31	ug/L	99

(#) = qualifier out of range (m) = manual integration
10164F.D W042302.M Wed May 01 14:36:42 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10164F.D Vial: 20
Acq On : 1 May 2002 5:32 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 1 14:36 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10164F.D Vial: 20
Acq On : 1 May 2002 5:32 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

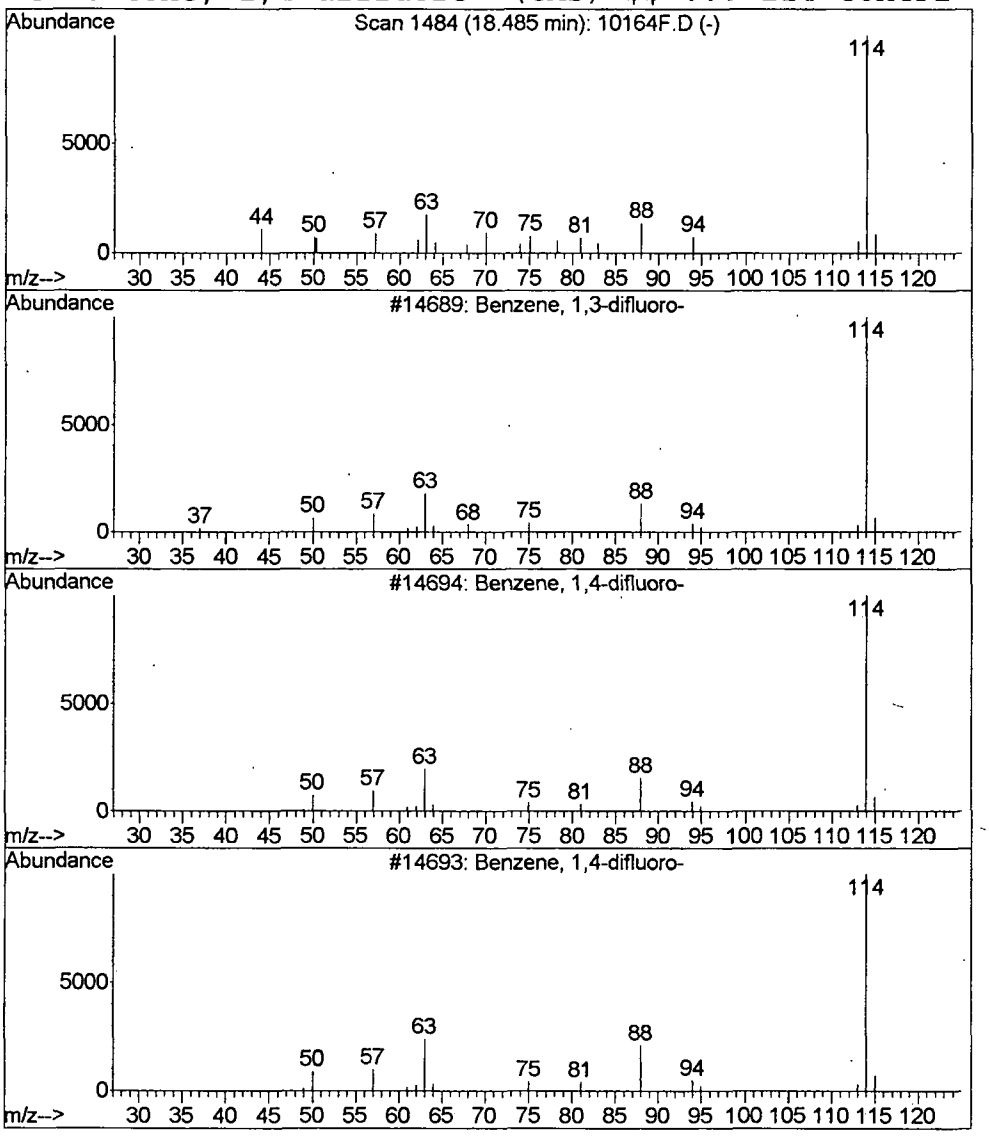
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

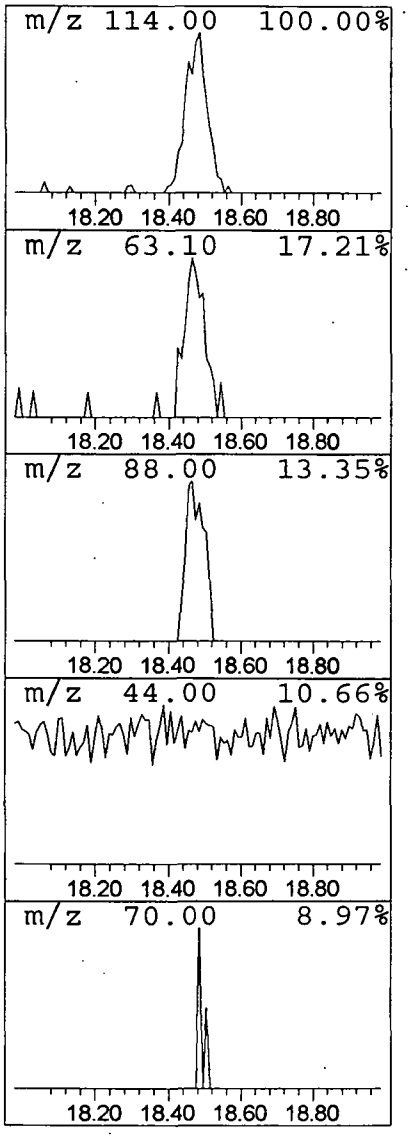
****

Peak Number 1 Benzene, 1,3-difluoro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.06 ug/L	25772	1,4-Difluorobenzene	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	90
2	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	87
3	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	86
4	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	86





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:27:37

Sample: AE10236
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/1/02 06:18 Ended: 5/1/02 06:18 Analyst: BH
Result source: a:\10236f.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.1		.5
2	Surr_4-BROMOFLUOROBENZE		5.1		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.3		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:27:37

Sample: AE10236
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/1/02 06:18 Ended: 5/1/02 06:18 Analyst: BH
Result source: a:\10236f.rr

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10236F.D Vial: 21
Acq On : 1 May 2002 6:18 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 14:36:56 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

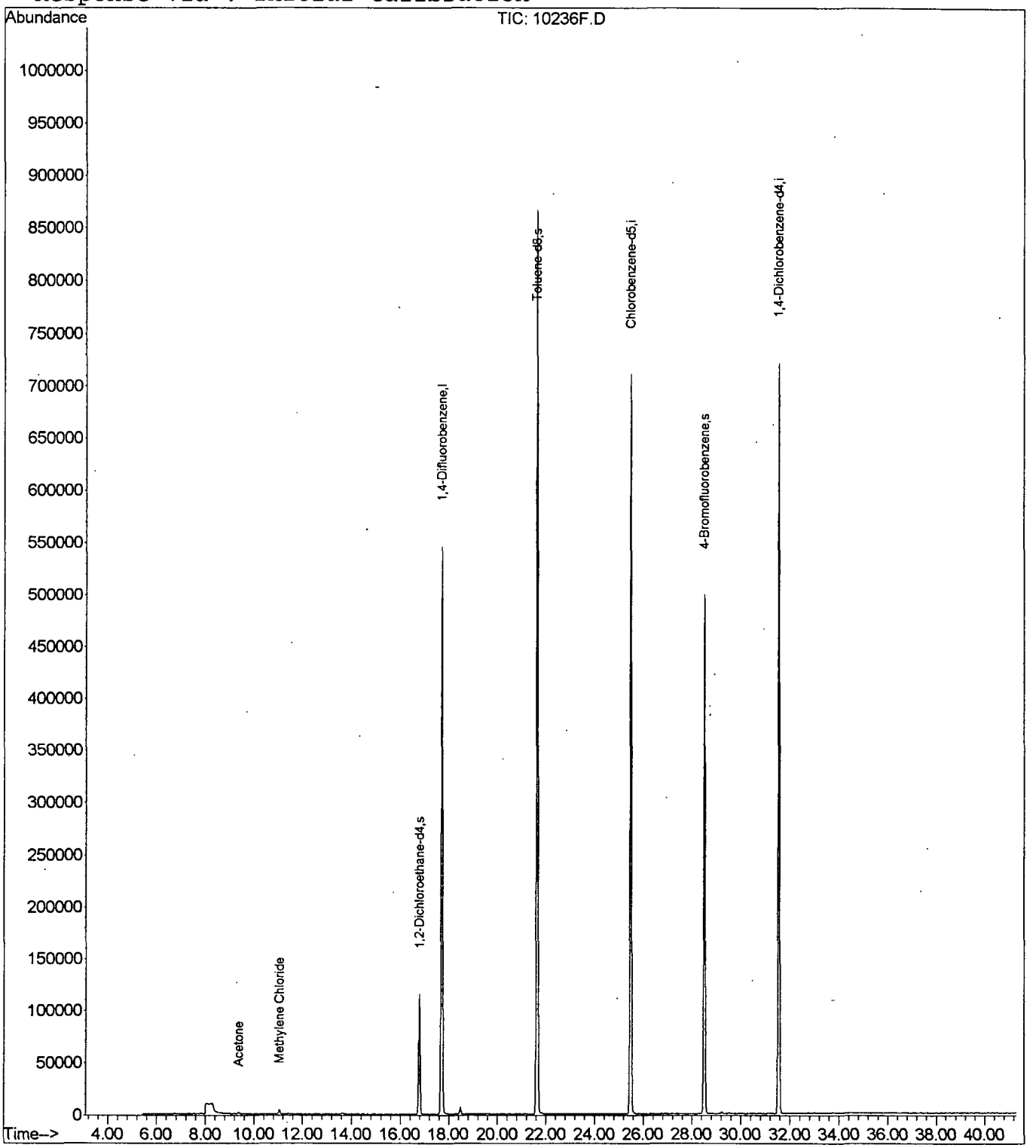
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	961414	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	922677	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	696066	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.79	65	179553	5.13	ug/L	0.03
Spiked Amount 5.000			Recovery = 102.60%			
17) Toluene-d8	21.62	98	1357083	5.26	ug/L	0.00
Spiked Amount 5.000			Recovery = 105.20%			
54) 4-Bromofluorobenzene	28.51	95	406261	5.12	ug/L	0.00
Spiked Amount 5.000			Recovery = 102.40%			
Target Compounds						Qvalue
11) Acetone	9.36	43	4868	1.84	ug/L	87
13) Methylene Chloride	11.04	49	6421	0.19	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR30\10236F.D Vial: 21
Acq On : 1 May 2002 6:18 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 1 14:36 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR30\10236F.D Vial: 21
Acq On : 1 May 2002 6:18 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

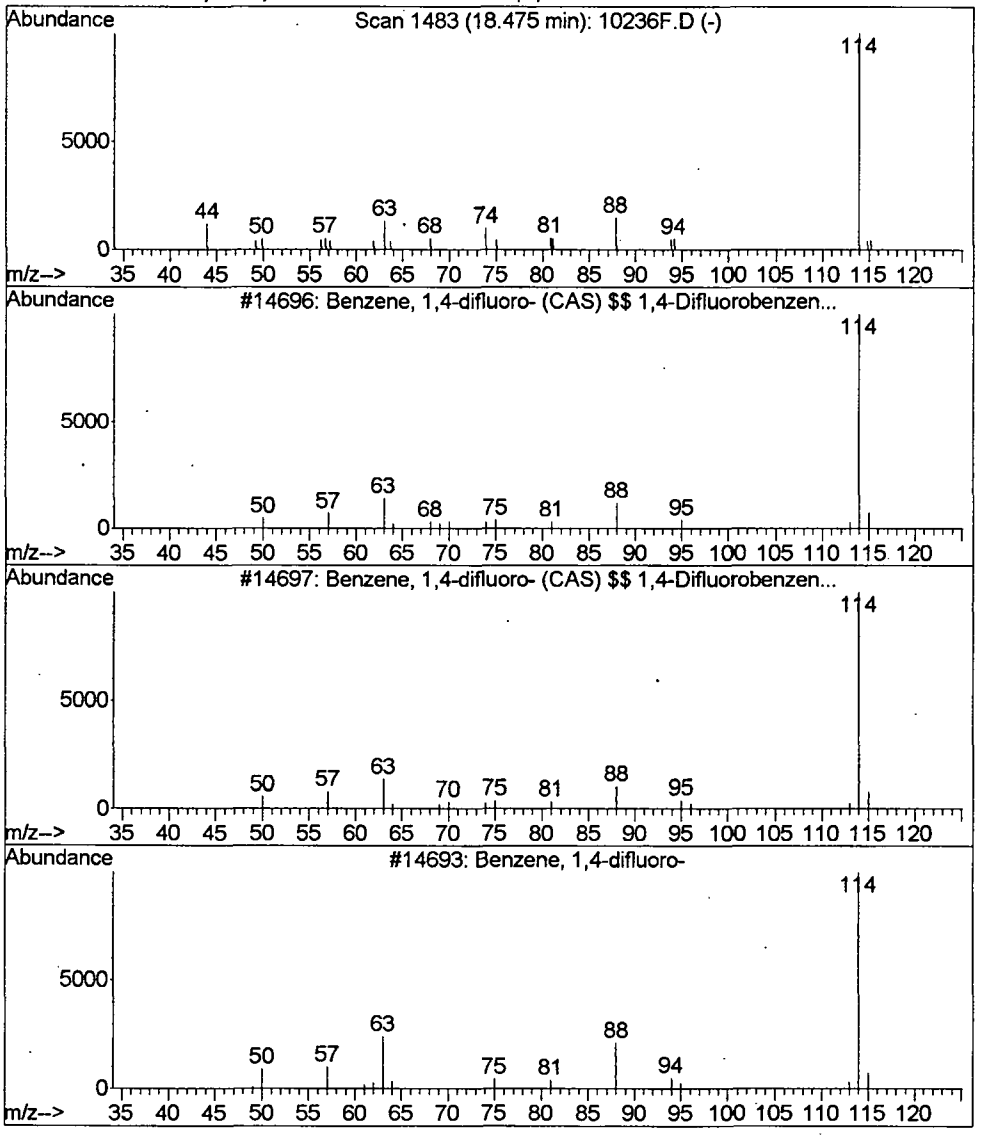
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

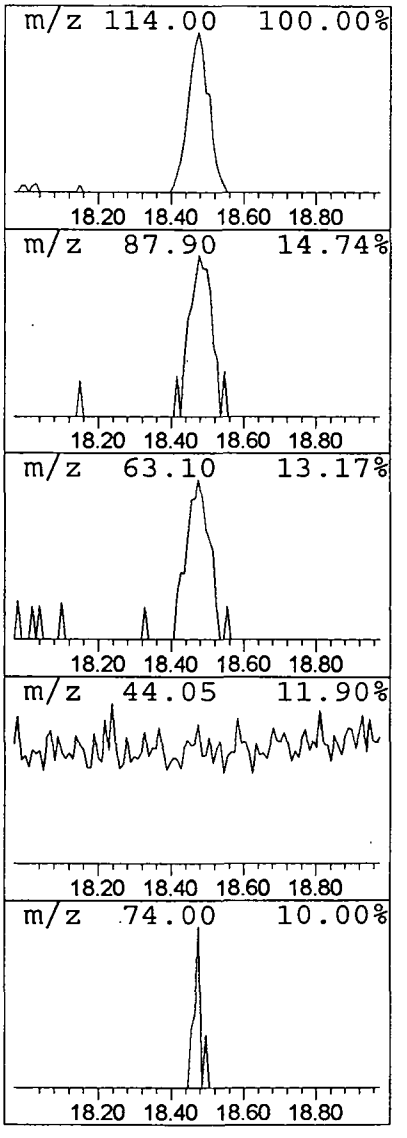
****

Peak Number 2 Benzene, 1,4-difluoro- (CAS... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.06 ug/L	24542	1,4-Difluorobenzene	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	64
2	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	64
3	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	59
4	Benzene, 1,3-difluoro- $$ Benzen...	114	C6H4F2	000372-18-9	59





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:28:44

Sample: AE10023
Analysis: $C3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 5/1/02 07:05 Ended: 5/1/02 07:05 Analyst: BH
Result source: a:\0430c10b.rr
Page: 1

7-13

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.0		.5
2	Surr_4-BROMOFLUOROBENZE		4.9		.5
3	Dichlorodifluoromethane	USPEC	14		.5
4	Chloromethane		13		.5
5	Vinyl chloride	USPEC	13		.5
6	Bromomethane	USPEC	15		.5
7	Chloroethane		12		.5
8	Trichlorofluoromethane		12		.5
9	1,1-Dichloroethene		9.4		.5
10	Methylene Chloride		11		.5
11	Methyl tert-butyl ether		8.8		1.0
12	trans-1,2-dichloroethene		9.9		.5
13	1,1-dichloroethane		10		.5
14	2-butanone (MEK)		36		2.0
15	2,2-dichloropropane	USPEC	7.0		.5
16	cis-1,2-dichloroethene		10		.5
17	Chloroform		10		.5
18	Bromochloromethane		11		.5
19	1,2-dichloroethane		10		.5
20	Surr_TOLUENE-D8		5.2		.5
21	1,1,1- trichloroethane		9.6		.5
22	1,1-dichloropropene		9.3		.5
23	Carbon tetrachloride		9.1		.5
24	Benzene		11		.5
25	Trichloroethene		10		.5
26	1,2-dichloropropane		10		.5
27	Dibromomethane		11		.5
28	Bromodichloromethane		10		.5
29	Methyl iso-butyl ketone		47		1.0
30	cis-1,3-dichloropropene		9.7		.5
31	Toluene		12		.5
32	trans-1,3-dichloropropene		9.8		.5
33	1,1,2-trichloroethane		11		.5
34	Tetrachloroethene		11		.5
35	1,3-dichloropropane		11		.5
36	Dibromochloromethane		10		2.0
37	Chlorobenzene		12		.5
38	1,1,1,2-tetrachloroethane		11		.5
39	Ethylbenzene		12		.5
40	P & M-xylene		24		.5
41	O-xylene		12		.5
42	Styrene		12		.5
43	1,1,2,2-tetrachloroethane		11		.5
44	Bromoform		9.6		2.0
45	Isopropylbenzene		12		.5
46	1,2,3-trichloropropane		11		.5
47	N-propylbenzene		11		.5
48	Bromobenzene		12		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/01/2002 Time: 15:28:44

Sample: AE10023
Analysis: $C3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 5/1/02 07:05 Ended: 5/1/02 07:05 Analyst: BH
Result source: a:\0430c10b.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		12		.5
50	2-chlorotoluene		12		.5
51	4-chlorotoluene		12		.5
52	TERT-butylbenzene		12		.5
53	1,2,4-trimethylbenzene		12		.5
54	SEC-butylbenzene		11		.5
55	P-isopropyltoluene		11		.5
56	1,3-dichlorobenzene		12		.5
57	1,4-dichlorobenzene		11		.5
58	N-butylbenzene		11		.5
59	1,2-dichlorobenzene		12		.5
60	1,2,4-trichlorobenzene		11		.5
61	Hexachlobutadiene		10		.5
62	Naphthalene		11		.5
63	1,2,3-trichlorobenzene		11		.5
64	Nitrobenzene		160		5.0

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr30\0430C10B.D Vial: 6
Acq On : 1 May 2002 7:05 am Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 07:46:43 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Tue Apr 30 11:43:13 2002
Response via : Initial Calibration
DataAcq Meth : W042302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1051703	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	979003	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	930596	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	190663	4.98	ug/L	0.02
Spiked Amount 5.000			Recovery = 99.60%			
17) Toluene-d8	21.62	98	1459231	5.17	ug/L	0.00
Spiked Amount 5.000			Recovery = 103.40%			
54) 4-Bromofluorobenzene	28.51	95	482315	4.54	ug/L	0.00
Spiked Amount 5.000			Recovery = 90.80%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	5.32	85	426902	14.18	ug/L	99
4) Chloromethane	5.90	50	583959	12.80	ug/L	99
5) Vinyl Chloride	6.18	62	592220	13.49	ug/L	99
6) Bromomethane	7.29	94	294139	14.65	ug/L	100
7) Chloroethane	7.46	64	349884	12.25	ug/L	100
8) Trichlorofluoromethane	8.13	101	678206	11.85	ug/L	98
11) Acetone	9.35	43	96963	33.45	ug/L	95
12) 1,1-Dichloroethene	9.79	61	462198	9.37	ug/L	98
13) Methylene Chloride	11.04	49	392745	10.64	ug/L	99
14) Methyl tert-butyl ether	11.40	73	326663	8.81	ug/L	99
15) trans-1,2-Dichloroethene	11.85	61	484527	9.95	ug/L	98
16) 1,1-Dichloroethane	12.96	63	616721	10.14	ug/L	100
18) 2-Butanone (MEK)	13.98	43	140898	35.59	ug/L	100
19) 2,2-Dichloropropane	14.43	77	357818	6.96	ug/L	96
20) cis-1,2-Dichloroethene	14.55	61	456526	10.30	ug/L	98
21) Chloroform	14.95	83	550917	10.34	ug/L	100
22) Bromochloromethane	15.41	49	198403	10.61	ug/L	98
23) 1,1,1-Trichloroethane	16.00	97	492025	9.62	ug/L	99
24) 1,1-Dichloropropene	16.39	75	469707	9.35	ug/L	98
25) Carbon Tetrachloride	16.69	117	387262	9.15	ug/L	98
26) 1,2-Dichloroethane	17.02	62	270608	10.09	ug/L	99
28) Benzene	17.11	78	1624560	10.72	ug/L	99
29) Trichloroethene	18.62	95	376813	10.23	ug/L	98
30) 1,2-Dichloropropane	19.06	63	309158	10.41	ug/L	99
31) Bromodichloromethane	19.66	83	316636	10.17	ug/L	100
32) Dibromomethane	19.83	93	95058	10.56	ug/L	98
33) 2-Chloroethyl vinyl ether	20.28	63	314071	10.19	ug/L	100
34) Methyl iso-butyl ketone	20.36	43	429807	46.75	ug/L	98
35) cis-1,3-Dichloropropene	20.96	75	356881	9.70	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr30\0430C10B.D Vial: 6
Acq On : 1 May 2002 7:05 am Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 01 07:46:43 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Tue Apr 30 11:43:13 2002
Response via : Initial Calibration
DataAcq Meth : W042302

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Toluene	21.83	91	2092769	11.56	ug/L	100
37)	trans-1,3-Dichloropropene	22.20	75	260356	9.76	ug/L	99
38)	2-Hexanone	22.54	43	272424	43.30	ug/L	99
39)	1,1,2-Trichloroethane	22.63	97	160949	10.71	ug/L	94
40)	1,3-Dichloropropane	23.26	76	292712	10.66	ug/L	99
41)	Tetrachloroethene	23.51	166	407014	10.52	ug/L	99
42)	Dibromochloromethane	24.02	129	158676	10.17	ug/L	97
43)	1,2-Dibromoethane	24.55	107	129993	10.44	ug/L	98
44)	Chlorobenzene	25.57	112	1231121	11.57	ug/L	99
45)	1,1,1,2-Tetrachloroethane	25.64	131	286911	10.76	ug/L	99
46)	Ethylbenzene	25.64	91	2550793	11.78	ug/L	99
47)	P & M-Xylene	25.83	91	4072823	24.15	ug/L	99
48)	o-Xylene	26.96	91	1905343	12.12	ug/L	99
49)	Styrene	27.04	104	1396275	12.39	ug/L	99
50)	Isopropylbenzene	27.82	105	2414674	11.93	ug/L	99
52)	Bromoform	27.99	173	67321	8.93	ug/L	98
53)	1,1,2,2-Tetrachloroethane	28.26	83	167160	10.23	ug/L	100
55)	1,2,3-Trichloropropane	28.63	75	133737	10.58	ug/L	98
56)	n-Propylbenzene	28.84	91	3061542	10.58	ug/L	100
57)	Bromobenzene	29.07	77	736150	10.72	ug/L	100
58)	1,3,5-Trimethylbenzene	29.22	105	2163098	10.89	ug/L	100
59)	2-Chlorotoluene	29.37	91	1795291	10.83	ug/L	99
60)	4-Chlorotoluene	29.47	91	1740401	11.01	ug/L	99
61)	tert-Butylbenzene	30.14	119	1906888	10.90	ug/L	99
62)	1,2,4-Trimethylbenzene	30.25	105	2209686	11.01	ug/L	99
63)	sec-Butylbenzene	30.68	105	2910317	10.60	ug/L	100
64)	p-Isopropyltoluene	31.01	119	2464256	10.63	ug/L	100
65)	1,3-Dichlorobenzene	31.37	146	992165	10.70	ug/L	99
66)	1,4-Dichlorobenzene	31.62	146	944483	10.57	ug/L	100
67)	n-Butylbenzene	32.05	91	2274747	10.26	ug/L	100
68)	1,2-Dichlorobenzene	32.60	146	759459	10.90	ug/L	100
69)	1,2-Dibromo-3-chloropropan	34.66	157	22967	9.96	ug/L	92
70)	Nitrobenzene	34.92	77	62200	145.81	ug/L	99
71)	1,2,4-Trichlorobenzene	37.42	180	451932	10.29	ug/L	99
72)	Hexachlorobutadiene	37.84	225	323193	9.71	ug/L	99
73)	Naphthalene	38.41	128	508811	10.13	ug/L	99
74)	1,2,3-Trichlorobenzene	39.35	180	334707	10.59	ug/L	98

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr30\0430C10B.D Vial: 6
Acq On : 1 May 2002 7:05 am Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 1 7:46 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Tue Apr 30 11:43:13 2002
Response via : Initial Calibration