User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 03/08/2002 Time: 09:23:54

Sample: AE04037
Analysis: SB1524 Volatile Organic Compounds-Blank
Units: ug
Started: 03/01/02 08:18 Ended: 03/05/02 08:18 Analyst: WB
Result source: manual entry
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-D		5.6
2	Surr - 4-BROMOFLUOROBENZE		5.0
3	DICHLORODIFLUOROMETHANE		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		not analyzed
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		< MDL
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHENE		< 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		4.6
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 ETHER		< MDL
31	MIBK		< MDL
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPENE		< 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-TETRACHLOROETHANE		< 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-TETRACHLOROETHANE		< MDL

Reviewed by, JB 3/10/02

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 03/08/2002 Time: 09:23:54

Sample: AE04037
Analysis: SB1524 Volatile Organic Compounds-Blank
Units: ug
Started: 03/01/02 08:18 Ended: 03/05/02 08:18 Analyst: WB
Result source: manual entry
Page: 2

	Component Name	Viol	Result
48	BROMOFORM		< MDL
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-CHLOROPROPA		< MDL
65	1,2,4-TRICHLOROBENZENE		< MDL
66	HEXACHLOROBUTADIENE		< MDL
67	NAPHTHALENE		< MDL
68	1,2,3-TRICHLOROBENZENE		< MDL
69	ETHANOL		< MDL
70	NITROBENZENE		< MDL

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar01\0301B2.D Vial: 2
Acq On : 1 Mar 2002 10:06 am Operator:
Sample : lab blank 2 Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 1 10:46 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 28 12:27:24 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

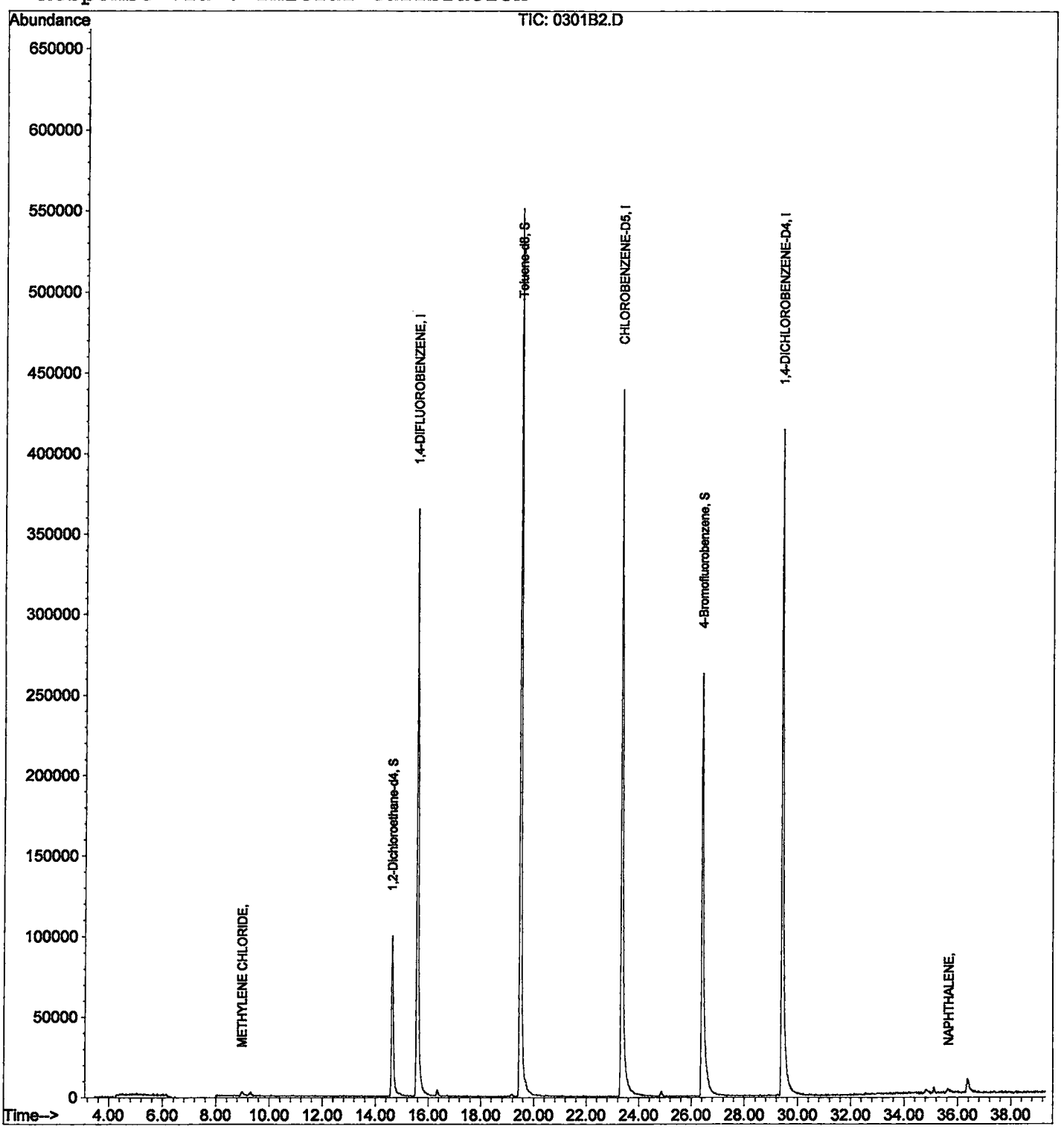
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.58	114	751996	5.00	ug/L	0.00
21) CHLOROBENZENE-D5	23.35	82	413339	5.00	ug/L	0.01
49) 1,4-DICHLOROBENZENE-D4	29.41	152	337055	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	14.63	65	179442	5.62	ug/L	0.00
Spiked Amount 5.000			Recovery = 112.40%			
22) Toluene-d8	19.49	98	955092	4.57	ug/L	0.00
Spiked Amount 5.000			Recovery = 91.40%			
50) 4-Bromofluorobenzene	26.42	95	352301	5.00	ug/L	0.03
Spiked Amount 5.000			Recovery = 100.00%			
Target Compounds						Qvalue
11) METHYLENE CHLORIDE	8.98	49	5418	0.08	ug/L	88
70) NAPHTHALENE	35.67	128	10748	0.56	ug/L	88

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar01\0301B2.D Vial: 2
Acq On : 1 Mar 2002 10:06 am Operator:
Sample : lab blank 2 Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 1 10:46 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:20:56 2002
Response via : Initial Calibration



User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:22:42

Sample: AE04037
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 3/1/02 00:01 Ended: 3/5/02 00:01 Analyst: WB
Result source: c:\hpchem\1\data\02mar01\0301c10.d\0301c10.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.4		.5
2	Surr_4-BROMOFLUOROBENZE		5.0		.5
3	Dichlorodifluoromethane		10		.5
4	Chloromethane		12		.5
5					
6	Bromomethane		11		.5
7	Chloroethane		11		.5
8					
9	1,1-Dichloroethene		8.1		.5
10	Methylene Chloride		11		.5
11	Methyl tert-butyl ether		9.6		1.0
12	trans-1,2-dichloroethene		9.4		.5
13	1,1-dichloroethane		9.9		.5
14	2-butanone (MEK)		11		2.0
15	2,2-dichloropropane		11		.5
16	cis-1,2-dichloroethene		10		.5
17	Chloroform		10		.5
18	Bromochloromethane		10		.5
19	1,2-dichloroethane		10		.5
20	Surr_TOLUENE-D8		4.6		.5
21	1,1,1- trichloroethane		8.9		.5
22	1,1-dichloropropene		8.7		.5
23	Carbon tetrachloride		8.5		.5
24	Benzene		8.3		.5
25	Trichloroethene		8.7		.5
26	1,2-dichloropropane		9.0		.5
27	Dibromomethane		8.8		.5
28	Bromodichloromethane		8.8		.5
29	Methyl iso-butyl ketone		9.2		1.0
30	cis-1,3-dichloropropene		8.8		.5
31	Toluene		8.7		.5
32	trans-1,3-dichloropropene		11		.5
33	1,1,2-trichloroethane		8.7		.5
34	Tetrachloroethene		8.9		.5
35	1,3-dichloropropane		9.3		.5
36	Dibromochloromethane		8.4		2.0
37	Chlorobenzene		8.8		.5
38	1,1,1,2-tetrachloroethane		9.0		.5
39	Ethylbenzene		9.5		.5
40	P & M-xylene		18		.5
41	O-xylene		9.2		.5
42	Styrene		8.4		.5
43	1,1,2,2-tetrachloroethane		8.7		.5
44	Bromoform		8.7		2.0
45	Isopropylbenzene		9.0		.5
46	1,2,3-trichloropropane		9.8		.5
47	N-propylbenzene		8.5		.5
48	Bromobenzene		8.9		.5

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:22:42

Sample: AE04037
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 3/1/02 00:01 Ended: 3/5/02 00:01 Analyst: WB
Result source: c:\hpchem\1\data\02mar01\0301c10.d\0301c10.rr

	Component Name	Vial	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		8.9		.5
50	2-chlorotoluene		9.0		.5
51	4-chlorotoluene		8.8		.5
52	TERT-butylbenzene		8.6		.5
53	1,2,4-trimethylbenzene		8.1		.5
54	SEC-butylbenzene		8.6		.5
55	P-isopropyltoluene		8.9		.5
56	1,3-dichlorobenzene		8.9		.5
57	1,4-dichlorobenzene		8.9		.5
58	N-butylbenzene		9.0		.5
59	1,2-dichlorobenzene		8.9		.5
60	1,2,4-trichlorobenzene		7.8		.5
61	Hexachlobutadiene		9.3		.5
62	Naphthalene		7.1		.5
63	1,2,3-trichlorobenzene		7.8		.5
64	Nitrobenzene		150		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR01\0301C10.D Vial: 3
Acq On : 1 Mar 2002 11:03 am Operator:
Sample : cal 10 Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 1 12:06 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 28 12:27:24 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.58	114	767492	5.00	ug/L	0.00
21) CHLOROBENZENE-D5	23.34	82	429892	5.00	ug/L	0.00
49) 1,4-DICHLOROBENZENE-D4	29.39	152	377942	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	14.63	65	176988	5.43	ug/L	0.00
Spiked Amount 5.000			Recovery =	108.60%		
22) Toluene-d8	19.49	98	998093	4.59	ug/L	0.00
Spiked Amount 5.000			Recovery =	91.80%		
50) 4-Bromofluorobenzene	26.39	95	393180	4.98	ug/L	0.00
Spiked Amount 5.000			Recovery =	99.60%		
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	4.21	85	212834	4.02	ug/L	99
4) CHLOROMETHANE	4.85	50	290835	6.70	ug/L	95
5) VINYL CHLORIDE	4.89	62	445297	7.98	ug/L	100
6) BROMOMETHANE	5.74	96	236876	6.75	ug/L	95
7) CHLOROETHANE	5.87	64	243502	7.17	ug/L	99
8) TRICHLOROFLUOROMETHANE	6.39	101	446261	8.83	ug/L	100
9) ACETONE	8.05	43	7203	8.29	ug/L	94
10) 1,1-DICHLOROETHENE	7.79	61	579883	8.12	ug/L	93
11) METHYLENE CHLORIDE	8.97	49	739769	11.10	ug/L	95
12) METHYL TERT BUTYL ETHER	9.29	73	868204	9.63	ug/L	98
13) TRANS-1,2-DICHLOROETHENE	9.73	61	683160	9.37	ug/L	93
14) 1,1-DICHLOROETHANE	10.82	63	878651	9.93	ug/L	99
15) 2-BUTANONE (MEK)	12.09	43	25793	11.02	ug/L	99
16) 2,2-DICHLOROPROPANE	12.26	77	692130	10.70	ug/L	98
17) CIS-1,2-DICHLOROETHENE	12.40	61	716149	10.33	ug/L	95
18) CHLOROFORM	12.79	83	860641	10.15	ug/L	99
19) BROMOCHLOROMETHANE	13.25	49	338186	10.50	ug/L	92
20) 1,2-DICHLOROETHANE	16.90	62	370754	10.16	ug/L	97
23) 1,1,1-TRICHLOROETHANE	13.82	97	656356	8.95	ug/L	98
24) 1,1-DICHLOROPROPENE	14.24	75	679303	8.72	ug/L	99
25) CARBON TETRACHLORIDE	14.50	117	462682	8.52	ug/L	99
26) BENZENE	14.92	77	532049	8.32	ug/L	98
27) TRICHLOROETHENE	16.47	95	525230	8.68	ug/L	99
28) 1,2-DICHLOROPROPANE	16.91	63	523245	8.99	ug/L	98
29) DIBROMOMETHANE	17.67	174	163982	8.83	ug/L	96
30) BROMODICHLOROMETHANE	17.50	83	518570	8.77	ug/L	99
31) 2-CHLOROETHYL VINYL ETHER	19.69	63	186866	9.50	ug/L	92

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR01\0301C10.D Vial: 3
Acq On : 1 Mar 2002 11:03 am Operator:
Sample : cal 10 Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 1 12:06 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 28 12:27:24 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

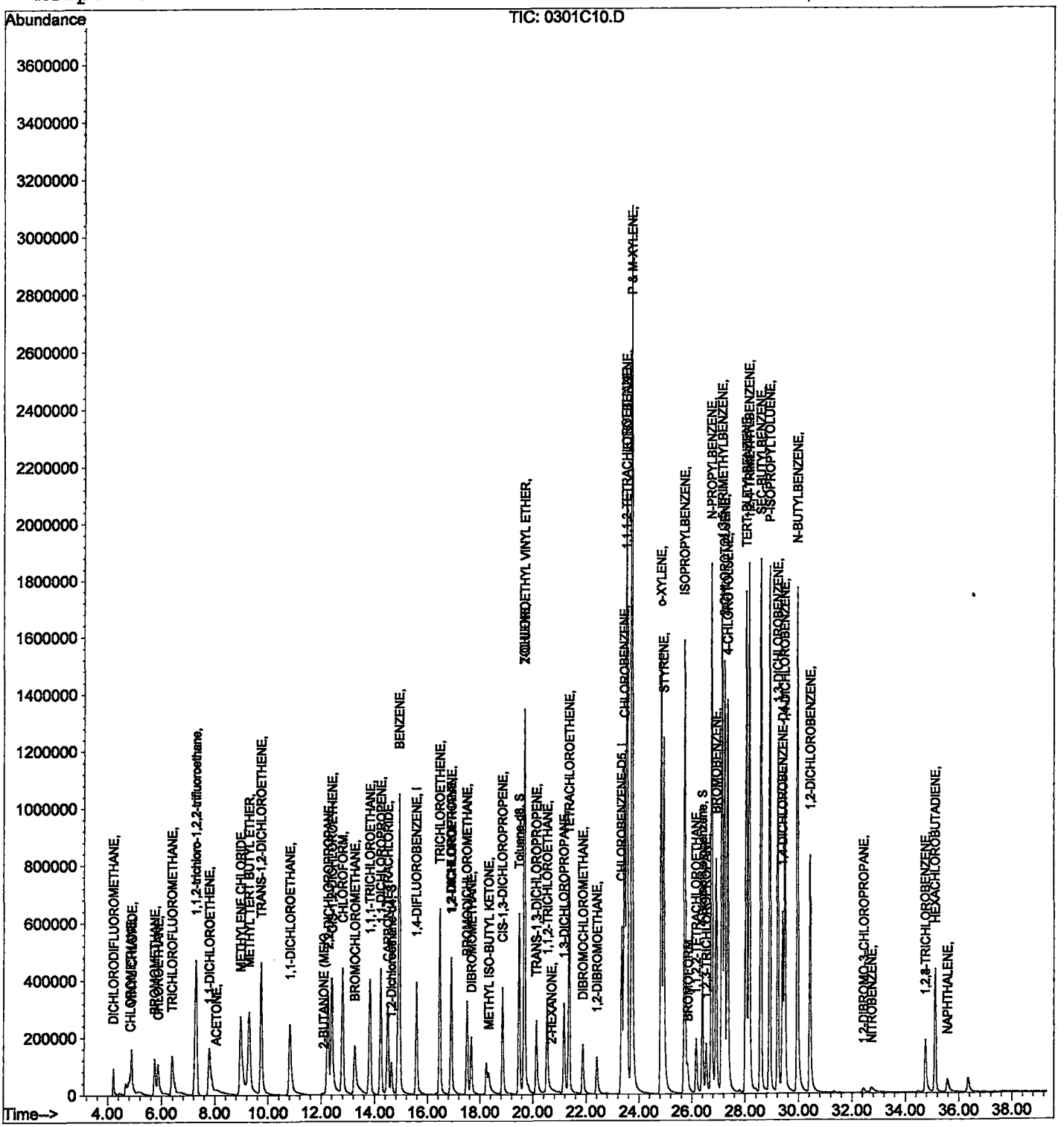
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
32) METHYL ISO-BUTYL KETONE	18.33	58	71468	9.25 ug/L	80
33) CIS-1,3-DICHLOROPROPENE	18.86	75	686565	8.82 ug/L	98
34) TOLUENE	19.69	92	1456100	8.70 ug/L	98
35) TRANS-1,3-DICHLOROPROPENE	20.13	75	454487	10.59 ug/L	97
36) 1,1,2-TRICHLOROETHANE	20.53	97	293129	8.73 ug/L	98
37) TETRACHLOROETHENE	21.36	166	482289	8.90 ug/L	98
38) 1,3-DICHLOROPROPANE	21.16	76	564191	9.33 ug/L	100
39) DIBROMOCHLOROMETHANE	21.88	129	226215	8.41 ug/L	100
40) 1,2-DIBROMOETHANE	22.41	107	239508	8.92 ug/L	97
41) CHLOROBENZENE	23.43	114	473144	8.76 ug/L	97
42) 1,1,1,2-TETRACHLOROETHANE	23.51	131	392944	9.00 ug/L	98
43) 2-HEXANONE	20.70	43	47517	10.84 ug/L	83
44) ETHYLBENZENE	23.53	91	2805207	9.45 ug/L	98
45) P & M-XYLENE	23.72	106	2249353	18.15 ug/L	95
46) o-XYLENE	24.84	91	2201290	9.24 ug/L	99
47) STYRENE	24.93	104	1713100	8.42 ug/L	99
48) 1,1,2,2-TETRACHLOROETHANE	26.16	83	272553	8.70 ug/L	96
51) BROMOFORM	25.85	173	83989	8.67 ug/L	97
52) ISOPROPYLBENZENE	25.72	105	2652425	9.03 ug/L	99
53) 1,2,3-TRICHLOROPROPANE	26.54	75	183181	9.79 ug/L	99
54) N-PROPYLBENZENE	26.74	120	779455	8.47 ug/L	85
55) BROMOBENZENE	26.91	77	954871	8.86 ug/L	98
56) 1,3,5-TRIMETHYLBENZENE	27.13	105	2358658	8.92 ug/L	99
57) 2-CHLOROTOLUENE	27.23	91	2207611	8.99 ug/L	99
58) 4-CHLOROTOLUENE	27.34	91	2152047	8.81 ug/L	99
59) TERT-BUTYLBENZENE	28.04	134	489579	8.65 ug/L	100
60) 1,2,4-TRIMETHYLBENZENE	28.14	120	1154406	8.14 ug/L	96
61) SEC-BUTYLBENZENE	28.58	134	583780	8.64 ug/L	98
62) P-ISOPROPYLTOLUENE	28.92	134	658170	8.88 ug/L	95
63) 1,3-DICHLOROBENZENE	29.22	146	1100172	8.94 ug/L	98
64) 1,4-DICHLOROBENZENE	29.47	146	1123815	8.89 ug/L	100
65) N-BUTYLBENZENE	29.96	134	625086	8.96 ug/L	100
66) 1,2-DICHLOROBENZENE	30.43	146	858589	8.93 ug/L	99
67) 1,2-DIBROMO-3-CHLOROPROPAN	32.45	75	17715	8.09 ug/L	90
68) 1,2,4-TRICHLOROBENZENE	34.76	180	172128	7.75 ug/L	97
69) HEXACHLOROBUTADIENE	35.12	225	195826	9.25 ug/L	97
70) NAPHTHALENE	35.58	128	153805	7.11 ug/L	98
71) 1,2,3-TRICHLOROBENZENE	34.76	180	172128	7.75 ug/L	97
72) 1,1,2-trichloro-1,2,2-trif	7.28	101	649031	10.72 ug/L	98
73) NITROBENZENE	32.75	77	45173	152.40 ug/L	94

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR01\0301C10.D Vial: 3
Acq On : 1 Mar 2002 11:03 am Operator:
Sample : cal 10 Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 1 12:06 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:20:56 2002
Response via : Initial Calibration



User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:23:40

Sample: AE04037
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 3/1/20 00:02 Ended: 3/5/02 00:02 Analyst: WB
Result source: c:\hpchem\1\data\02mar01\0301r5.d\0301r5.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		5.5		
2	4-BROMOFLUOROBENZENE		5.0		
3	DICHLORODIFLUOROMETHAN		2.8		.5
4	CHLOROMETHANE		4.0		.5
5	VINYL CHLORIDE		4.4		.5
6	BROMOMETHANE		3.7		.5
7	CHLOROETHANE		3.9		.5
8	TRICHLOROFLUOROMETHANE		4.6		.5
9	ACETONE		Not Analyzed		.5
10	1,1-DICHLOROETHENE		4.4		.5
11	METHYLENE CHLORIDE		4.0		.5
12	METHYL TERT BUTYL ETHER		5.2		1
13	TRANS-1,2-DICHLOROETHEN		5.1		.5
14	1,1-DICHLOROETHANE		5.2		.5
15	2-BUTANONE (MEK)		7.7		.5
16	2,2-DICHLOROPROPANE		5.5		.5
17	CIS-1,2-DICHLOROETHENE		5.2		.5
18	CHLOROFORM		5.1		.5
19	BROMOCHLOROMETHANE		5.4		.5
20	1,2-DICHLOROETHANE		5.3		.5
21	TOLUENE-D8		4.4		
22	1,1,1-TRICHLOROETHANE		4.5		.5
23	1,1-DICHLOROPROPENE		4.5		.5
24	CARBON TETRACHLORIDE		4.2		.5
25	BENZENE		4.3		.5
26	TRICHLOROETHENE		4.4		.5
27	1,2-DICHLOROPROPANE		4.5		.5
28	DIBROMOMETHANE		4.3		.5
29	BROMODICHLOROMETHANE		4.3		.5
30	2-CHLOROETHYL VINYL ETHE		4.8		.5
31	METHYL ISO-BUTYL KETONE		3.7		1
32	CIS-1,3-DICHLOROPROPENE		4.3		.5
33	TOLUENE		4.3		.5
34	TRANS-1,3-DICHLOROPROPE		5.7		.5
35	1,1,2-TRICHLOROETHANE		4.5		.5
36	TETRACHLOROETHENE		4.3		.5
37	1,3-DICHLOROPROPANE		4.7		.5
38	DIBROMOCHLOROMETHANE		4.0		2
39	1,2-DIBROMOETHANE		4.4		.5
40	CHLOROBENZENE		4.3		.5
41	1,1,1,2-TETRACHLOROETHA		4.3		.5
42	2-HEXANONE		2.9		.5
43	ETHYLBENZENE		4.5		.5
44	P & M-XYLENE		8.6		.5
45	O-XYLENE		4.4		.5
46	STYRENE		3.7		.5
47	1,1,2,2-TETRACHLOROETHA		4.1		.5
48	BROMOFORM		4.1		2

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:23:40

Sample: AE04037
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 3/1/20 00:02 Ended: 3/5/02 00:02 Analyst: WB
Result source: c:\hpchem\1\data\02mar01\0301r5.d\0301r5.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		4.5		.5
50	1,2,3-TRICHLOROPROPANE		5.4		.5
51	N-PROPYLBENZENE		4.1		.5
52	BROMOBENZENE		4.5		.5
53	1,3,5-TRIMETHYLBENZENE		4.4		.5
54	2-CHLOROTOLUENE		4.5		.5
55	4-CHLOROTOLUENE		4.5		.5
56	TERT-BUTYLBENZENE		4.2		.5
57	1,2,4-TRIMETHYLBENZENE		3.9		.5
58	SEC-BUTYLBENZENE		4.2		.5
59	P-ISOPROPYLTOLUENE		4.4		.5
60	1,3-DICHLOROBENZENE		4.5		.5
61	1,4-DICHLOROBENZENE		4.5		.5
62	N-BUTYLBENZENE		4.3		.5
63	1,2-DICHLOROBENZENE		4.5		.5
64	1,2-DIBROMO-3-CHLOROPRO		4.7		.5
65	1,2,4-TRICHLOROBENZENE		7.0		.5
66	HEXACHLOROBUTADIENE		5.0		.5
67	NAPHTHALENE		12		.5
68	1,2,3-TRICHLOROBENZENE		7.0		.5
69	ETHANOL		< MDL		30
70	NITROBENZENE		120		5.0

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:24:00

Sample: AE04037
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 3/1/02 08:23 Ended: 3/5/02 08:23 Analyst: WB
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.5		.5
2	Surr - 4-BROMOFLUOROBENZ		5		.5
3	Dichlorodifluoromethane		56		.5
4	Chloromethane		80		.5
5	Vinyl chloride		88		.5
6	Bromomethane		74		.5
7	Chloroethane		78		.5
8	Trichlorofluoromethane		92		.5
9	1,1-Dichloroethene		88		.5
10	Methylene Chloride		80		.5
11	Methyl tert butyl ether		104		1.0
12	trans-1,2-dichloroethene		102		.5
13	1,1-dichloroethane		104		.5
14	[illegible]				
15	2,2-dichloropropane		110		.5
16	cis-1,2-dichloroethene		104		.5
17	Chloroform		102		.5
18	Bromochloromethane		108		.5
19	1,2-dichloroethane		106		.5
20	Surr - TOLUENE-D8		4.4		.5
21	1,1,1-trichloroethane		90		.5
22	1,1-dichloropropene		90		.5
23	Carbon tetrachloride		84		.5
24	Benzene		86		.5
25	Trichloroethene		88		.5
26	1,2-dichloropropane		90		.5
27	Dibromomethane		86		.5
28	Bromodichloromethane		86		.5
29	Methyl iso-butyl ketone		74		1.0
30	cis-1,3-dichloropropene		86		.5
31	Toluene		86		.5
32	trans-1,3-dichloropropene		114		.5
33	1,1,2-trichloroethane		90		.5
34	Tetrachloroethene		86		.5
35	1,3-dichloropropane		94		.5
36	Dibromochloromethane		80		2.0
37	Chlorobenzene		86		.5
38	1,1,1,2-tetrachloroethane		86		.5
39	Ethylbenzene		90		.5
40	P & M-xylene		86		.5
41	O-xylene		88		.5
42	Styrene		74		.5
43	1,1,2,2-tetrachloroethane		82		.5
44	Bromoform		82		2.0
45	Isopropylbenzene		90		.5
46	1,2,3-trichloropropane		108		.5
47	N-propylbenzene		82		.5
48	Bromobenzene		90		.5

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:24:00

Sample: AE04037
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 3/1/02 08:23 Ended: 3/5/02 08:23 Analyst: WB
Result source: calculation
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		88		.5
50	2-chlorotoluene		90		.5
51	4-chlorotoluene		90		.5
52	TERT-butylbenzene		84		.5
53	1,2,4-trimethylbenzene		78		.5
54	SEC-butylbenzene		84		.5
55	P-isopropyltoluene		88		.5
56	1,3-dichlorobenzene		90		.5
57	1,4-dichlorobenzene		90		.5
58	N-butylbenzene		86		.5
59	1,2-dichlorobenzene		90		.5
60					
61	Hexachlorobutadiene		100		.5
62					
63					
64	Ethanol				
65	Nitrobenzene		120		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR01\0301R5.D Vial: 4
Acq On : 1 Mar 2002 12:33 pm Operator:
Sample : ref 5 Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 1 14:19 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 01 14:18:55 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.58	114	752875	5.00	ug/L	0.00
21) CHLOROBENZENE-D5	23.33	82	431767	5.00	ug/L	0.00
49) 1,4-DICHLOROBENZENE-D4	29.40	152	352945	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	14.63	65	175415	5.49	ug/L	0.00
Spiked Amount 5.000			Recovery = 109.80%			
22) Toluene-d8	19.49	98	964342	4.42	ug/L	0.00
Spiked Amount 5.000			Recovery = 88.40%			
50) 4-Bromofluorobenzene	26.40	95	368435	5.00	ug/L	0.02
Spiked Amount 5.000			Recovery = 100.00%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	4.21	85	148456	3.93	ug/L	98
4) CHLOROMETHANE	4.87	50	172216	4.05	ug/L	99
5) VINYL CHLORIDE	4.89	62	248008	4.45	ug/L	98
6) BROMOMETHANE	5.75	96	127861	3.72	ug/L	97
7) CHLOROETHANE	5.87	64	129178	3.88	ug/L	98
8) TRICHLOROFLUOROMETHANE	6.39	101	227264	4.59	ug/L	98
10) 1,1-DICHLOROETHENE	7.78	61	306414	4.37	ug/L	95
11) METHYLENE CHLORIDE	8.97	49	264715	4.05	ug/L	95
12) METHYL TERT BUTYL ETHER	9.29	73	462593	5.23	ug/L	99
13) TRANS-1,2-DICHLOROETHENE	9.73	61	362608	5.07	ug/L	93
14) 1,1-DICHLOROETHANE	10.81	63	455003	5.24	ug/L	99
15) 2-BUTANONE (MEK)	12.26	43	12966	7.72	ug/L	79
16) 2,2-DICHLOROPROPANE	12.26	77	351570	5.54	ug/L	97
17) CIS-1,2-DICHLOROETHENE	12.39	61	356798	5.24	ug/L	94
18) CHLOROFORM	12.79	83	425730	5.12	ug/L	100
19) BROMOCHLOROMETHANE	13.25	49	171270	5.42	ug/L	96
20) 1,2-DICHLOROETHANE	16.91	62	188273	5.26	ug/L	98
23) 1,1,1-TRICHLOROETHANE	13.82	97	330431	4.49	ug/L	99
24) 1,1-DICHLOROPROPENE	14.24	75	354309	4.53	ug/L	99
25) CARBON TETRACHLORIDE	14.49	117	228055	4.18	ug/L	97
26) BENZENE	14.93	77	276812	4.31	ug/L	98
27) TRICHLOROETHENE	16.47	95	266643	4.39	ug/L	98
28) 1,2-DICHLOROPROPANE	16.91	63	261834	4.48	ug/L	99
29) DIBROMOMETHANE	17.67	174	80739	4.33	ug/L	91
30) BROMODICHLOROMETHANE	17.51	83	252793	4.26	ug/L	96
31) 2-CHLOROETHYL VINYL ETHER	19.69	63	94682	4.79	ug/L #	93
32) METHYL ISO-BUTYL KETONE	18.35	58	28380	3.66	ug/L	72

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR01\0301R5.D Vial: 4
Acq On : 1 Mar 2002 12:33 pm Operator:
Sample : ref 5 Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 1 14:19 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 01 14:18:55 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

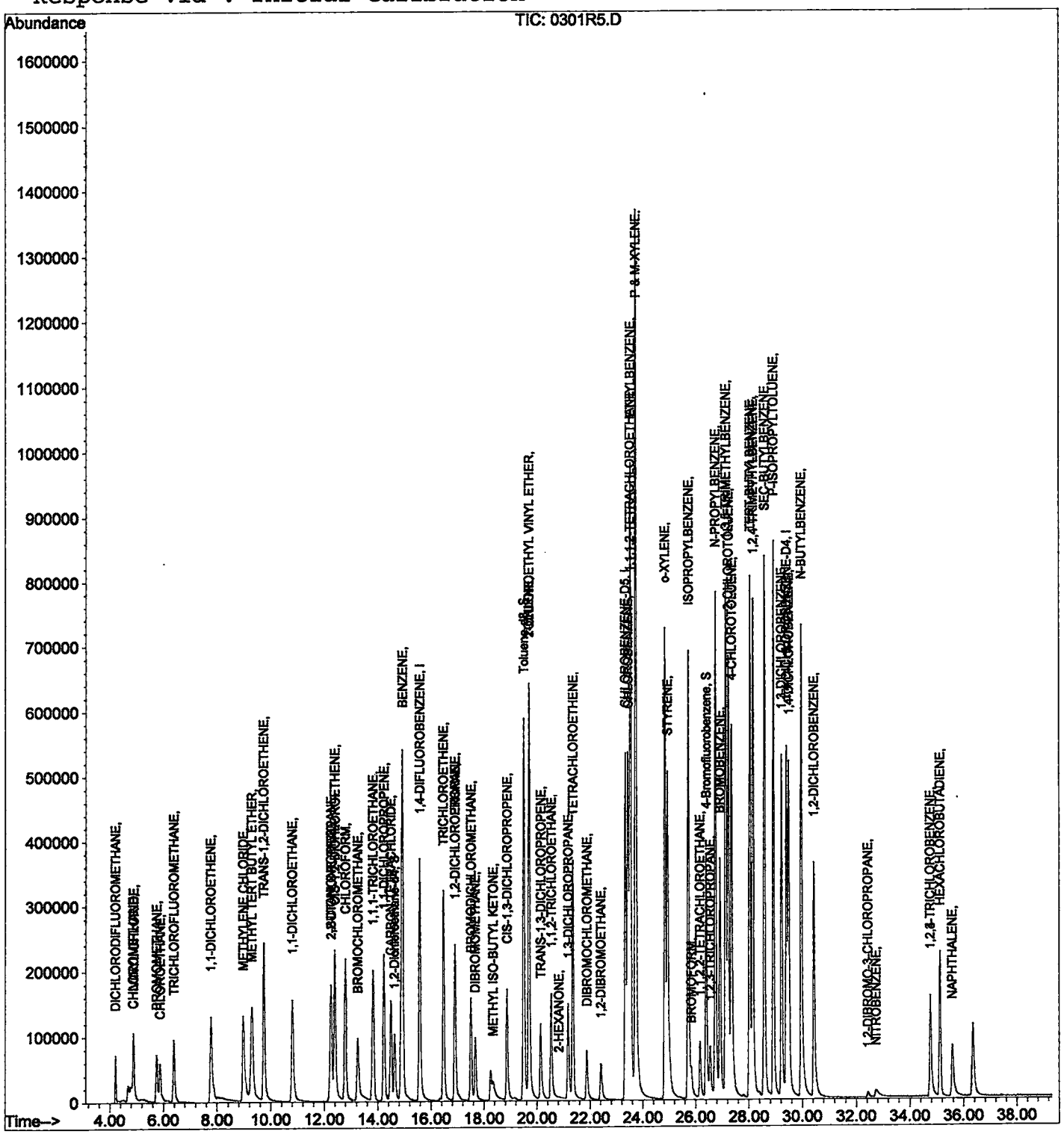
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33)	CIS-1,3-DICHLOROPROPENE	18.87	75	334415	4.28	ug/L	99
34)	TOLUENE	19.69	92	730728	4.35	ug/L	100
35)	TRANS-1,3-DICHLOROPROPENE	20.14	75	237843	5.68	ug/L	98
36)	1,1,2-TRICHLOROETHANE	20.53	97	150205	4.45	ug/L	97
37)	TETRACHLOROETHENE	21.36	166	235966	4.33	ug/L	98
38)	1,3-DICHLOROPROPANE	21.17	76	285690	4.70	ug/L	99
39)	DIBROMOCHLOROMETHANE	21.89	129	108588	4.02	ug/L	96
40)	1,2-DIBROMOETHANE	22.41	107	120033	4.45	ug/L	99
41)	CHLOROBENZENE	23.44	114	232846	4.29	ug/L	90
42)	1,1,1,2-TETRACHLOROETHANE	23.51	131	187495	4.28	ug/L	99
43)	2-HEXANONE	20.82	43	9038	2.90	ug/L	78
44)	ETHYLBENZENE	23.53	91	1326652	4.45	ug/L	97
45)	P & M-XYLENE	23.73	106	1066027	8.57	ug/L	97
46)	o-XYLENE	24.84	91	1060669	4.43	ug/L	98
47)	STYRENE	24.94	104	770457	3.73	ug/L	97
48)	1,1,2,2-TETRACHLOROETHANE	26.17	83	130317	4.14	ug/L	93
51)	BROMOFORM	25.85	173	36085	4.15	ug/L	92
52)	ISOPROPYLBENZENE	25.73	105	1238464	4.51	ug/L	100
53)	1,2,3-TRICHLOROPROPANE	26.55	75	90935	5.36	ug/L	97
54)	N-PROPYLBENZENE	26.75	120	348250	4.05	ug/L	89
55)	BROMOBENZENE	26.91	77	452029	4.49	ug/L	97
56)	1,3,5-TRIMETHYLBENZENE	27.13	105	1093880	4.43	ug/L	97
57)	2-CHLOROTOLUENE	27.22	91	1041816	4.54	ug/L	97
58)	4-CHLOROTOLUENE	27.35	91	1018557	4.46	ug/L	98
59)	TERT-BUTYLBENZENE	28.04	134	222283	4.20	ug/L	95
60)	1,2,4-TRIMETHYLBENZENE	28.15	120	517891	3.91	ug/L	97
61)	SEC-BUTYLBENZENE	28.58	134	263907	4.18	ug/L	95
62)	P-ISOPROPYLTOLUENE	28.91	134	307784	4.45	ug/L	97
63)	1,3-DICHLOROBENZENE	29.22	146	517382	4.50	ug/L	99
64)	1,4-DICHLOROBENZENE	29.48	146	527314	4.47	ug/L	100
65)	N-BUTYLBENZENE	29.96	134	282864	4.34	ug/L	90
66)	1,2-DICHLOROBENZENE	30.43	146	407416	4.54	ug/L	99
67)	1,2-DIBROMO-3-CHLOROPROPAN	32.43	75	9674	4.73	ug/L	79
68)	1,2,4-TRICHLOROBENZENE	34.76	180	144831	6.99	ug/L	98
69)	HEXACHLOROBUTADIENE	35.12	225	98643	4.99	ug/L	96
70)	NAPHTHALENE	35.57	128	239748	11.87	ug/L	98
71)	1,2,3-TRICHLOROBENZENE	34.76	180	144831	6.99	ug/L	98
73)	NITROBENZENE	32.75	77	31909	119.32	ug/L	90

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR01\0301R5.D Vial: 4
Acq On : 1 Mar 2002 12:33 pm Operator:
Sample : ref 5 Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 1 14:19 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Mar 01 14:18:55 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar01\0301G10.D Vial: 6
Acq On : 1 Mar 2002 2:53 pm Operator:
Sample : gas 10 Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 1 15:32 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 28 12:27:24 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

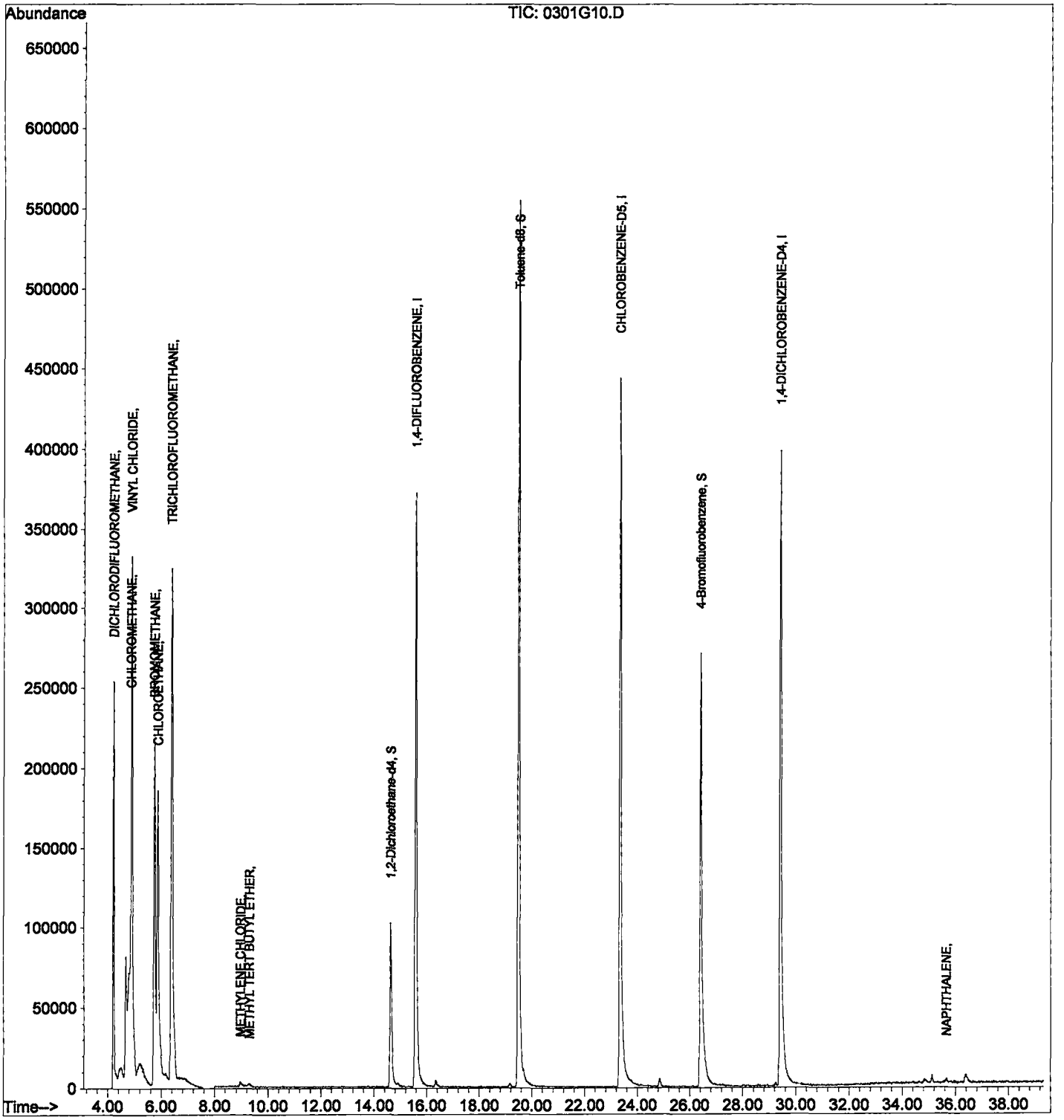
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.58	114	773287	5.00	ug/L	0.00
21) CHLOROBENZENE-D5	23.34	82	430288	5.00	ug/L	0.00
49) 1,4-DICHLOROBENZENE-D4	29.41	152	334093	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	14.63	65	180549	5.50	ug/L	0.00
Spiked Amount 5.000			Recovery = 110.00%			
22) Toluene-d8	19.49	98	967699	4.45	ug/L	0.00
Spiked Amount 5.000			Recovery = 89.00%			
50) 4-Bromofluorobenzene	26.40	95	353715	5.07	ug/L	0.02
Spiked Amount 5.000			Recovery = 101.40%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	4.21	85	512157	10.02	ug/L	98
4) CHLOROMETHANE	4.86	50	521837	11.94	ug/L	97
5) VINYL CHLORIDE	4.89	62	786670	14.52	ug/L	98
6) BROMOMETHANE	5.74	96	386257	10.93	ug/L	99
7) CHLOROETHANE	5.87	64	391793	11.44	ug/L	97
8) TRICHLOROFLUOROMETHANE	6.39	101	762314	14.97	ug/L	100
11) METHYLENE CHLORIDE	8.97	49	5674	0.08	ug/L	82
12) METHYL TERT BUTYL ETHER	9.31	73	5295	0.06	ug/L	94
70) NAPHTHALENE	35.67	128	6463	0.34	ug/L #	70

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar01\0301G10.D Vial: 6
Acq On : 1 Mar 2002 2:53 pm Operator:
Sample : gas 10 Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 1 15:32 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:20:56 2002
Response via : Initial Calibration



User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:25:40

Sample: AE04037
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/1/02 08:23 Ended: 3/5/02 08:23 Analyst: WB
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.9		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

REVIEWED BY [illegible]
DATE 3/7/02

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:25:40

Sample: AE04037
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 3/1/02 08:23 Ended: 3/5/02 08:23 Analyst: WB
Result source: manual entry

	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 AE04037 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-08-2002 Time: 09:29:17

Four analytes in the QC sample had a high recovery. They are as follows:
2-butanone - 154%; 1,2,4-trichlorobenzene - 140%; naphthalene - 240%;
1,2,3 - trichlorobenzene - 140%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR01\04037.D Vial: 17
Acq On : 1 Mar 2002 11:46 pm Operator:
Sample : nyc Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 4 10:44 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:20:56 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

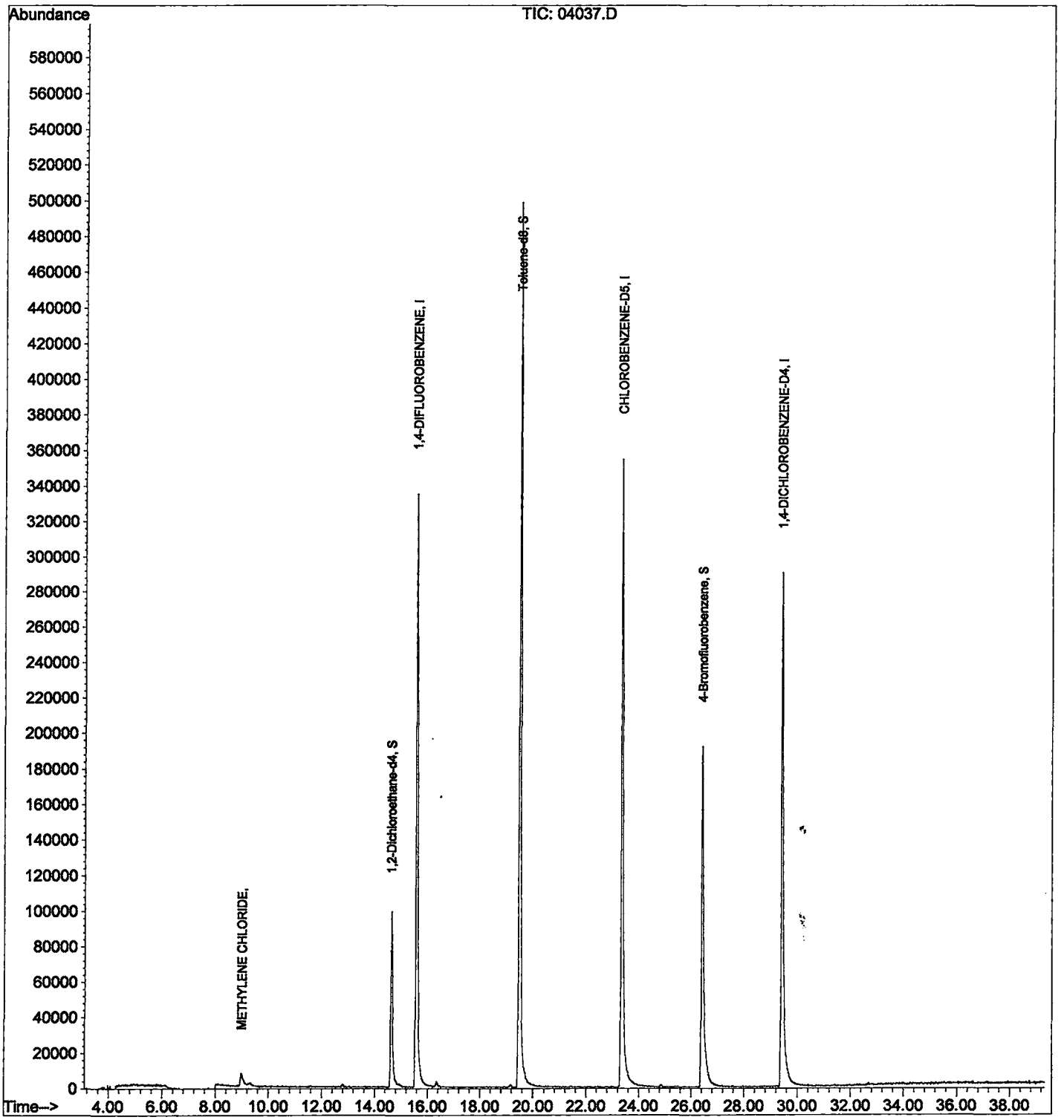
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.58	114	702221	5.00	ug/L	0.00
21) CHLOROBENZENE-D5	23.35	82	347189	5.00	ug/L	0.01
49) 1,4-DICHLOROBENZENE-D4	29.41	152	245710	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	14.63	65	175299	5.88	ug/L	0.00
Spiked Amount 5.000			Recovery = 117.60%			
22) Toluene-d8	19.49	98	869284	4.95	ug/L	0.00
Spiked Amount 5.000			Recovery = 99.00%			
50) 4-Bromofluorobenzene	26.41	95	269755	5.26	ug/L	0.03
Spiked Amount 5.000			Recovery = 105.20%			
Target Compounds						Qvalue
11) METHYLENE CHLORIDE	9.00	49	18455	0.30	ug/L	85

(#) = qualifier out of range (m) = manual integration
04037.D HP021102.M Mon Mar 04 10:44:11 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04037.D Vial: 17
Acq On : 1 Mar 2002 11:46 pm Operator:
Sample : nyc Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 4 10:44 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:20:56 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04037.D Vial: 17
Acq On : 1 Mar 2002 11:46 pm Operator:
Sample : nyc Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

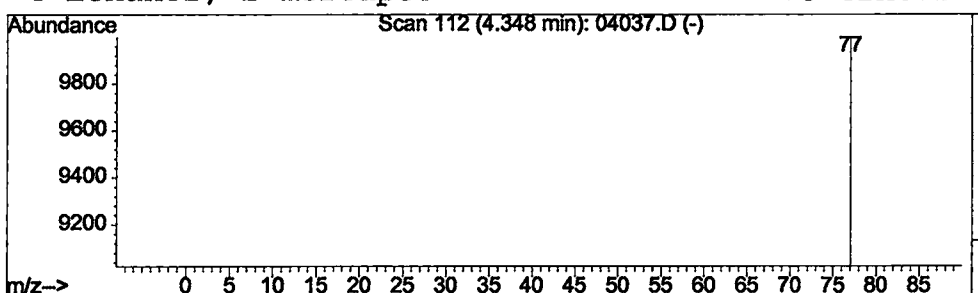
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

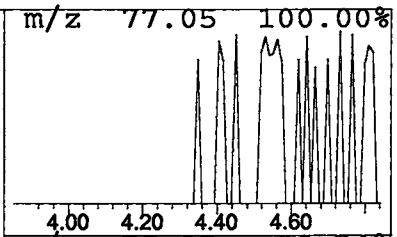
****

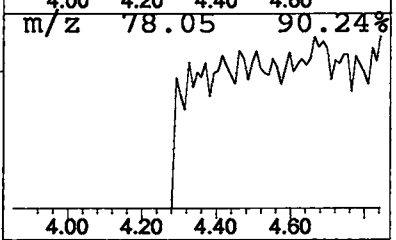
Peak Number 1 Dimethyl Sulfoxide Concentration Rank 4

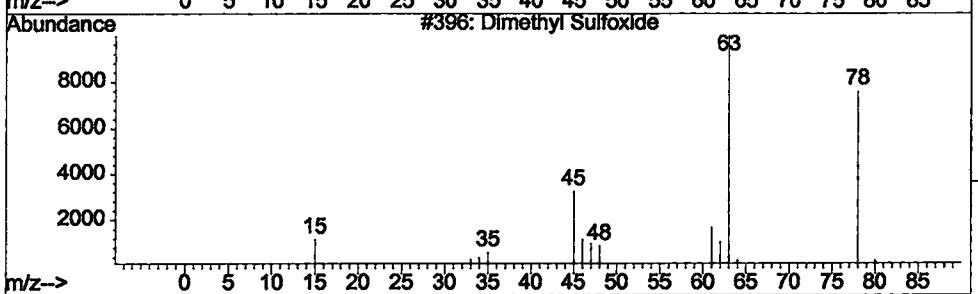
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	0.02 ug/L	6405	1,4-DIFLUOROBENZENE	15.58

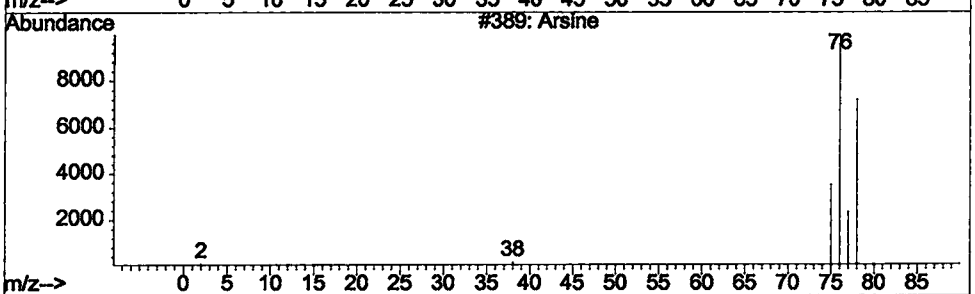
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl Sulfoxide	78	C2H6OS	000067-68-5	3
2	Arsine	78	H3As	007784-42-1	2
3	1,5-Hexadiyne	78	C6H6	000628-16-0	2
4	Ethanol, 2-mercapto-	78	C2H6OS	000060-24-2	1

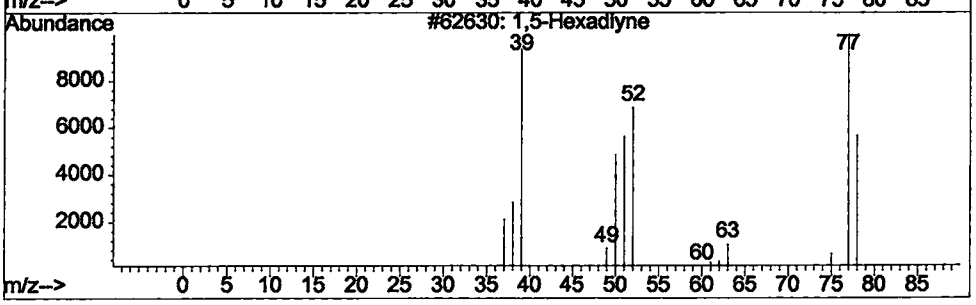












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04037.D Vial: 17
Acq On : 1 Mar 2002 11:46 pm Operator:
Sample : nyc Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

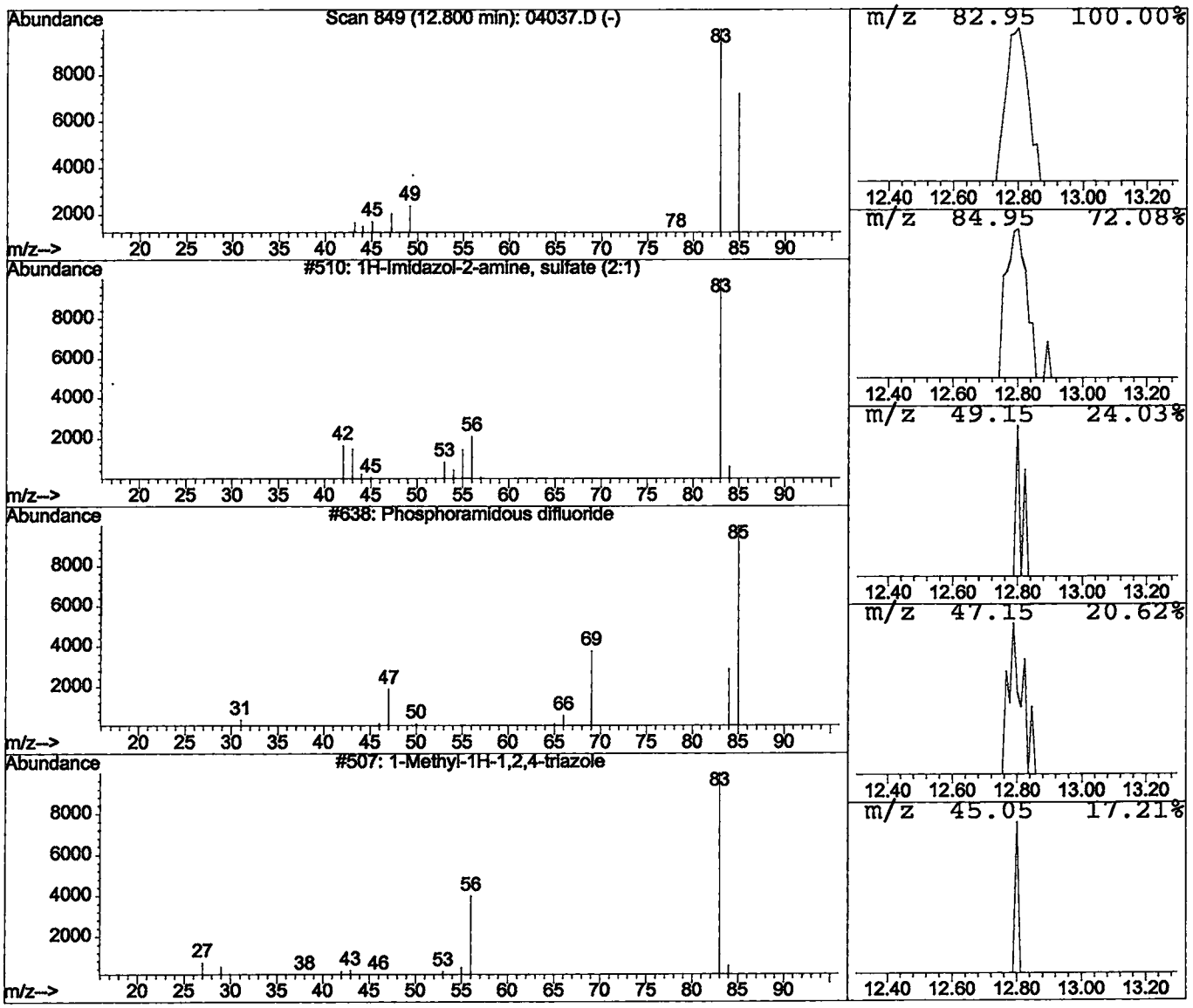
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1H-Imidazol-2-amine, sulfate (Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	0.02 ug/L	7489	1,4-DIFLUOROBENZENE	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazol-2-amine, sulfate (2:1)	83	C3H5N3	001450-93-7	3
2	Phosphoramidous difluoride	85	H2F2NP	025757-74-8	2
3	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	2
4	2-Aminoimidazole	83	C3H5N3	000000-00-0	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04037.D Vial: 17
Acq On : 1 Mar 2002 11:46 pm Operator:
Sample : nyc Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

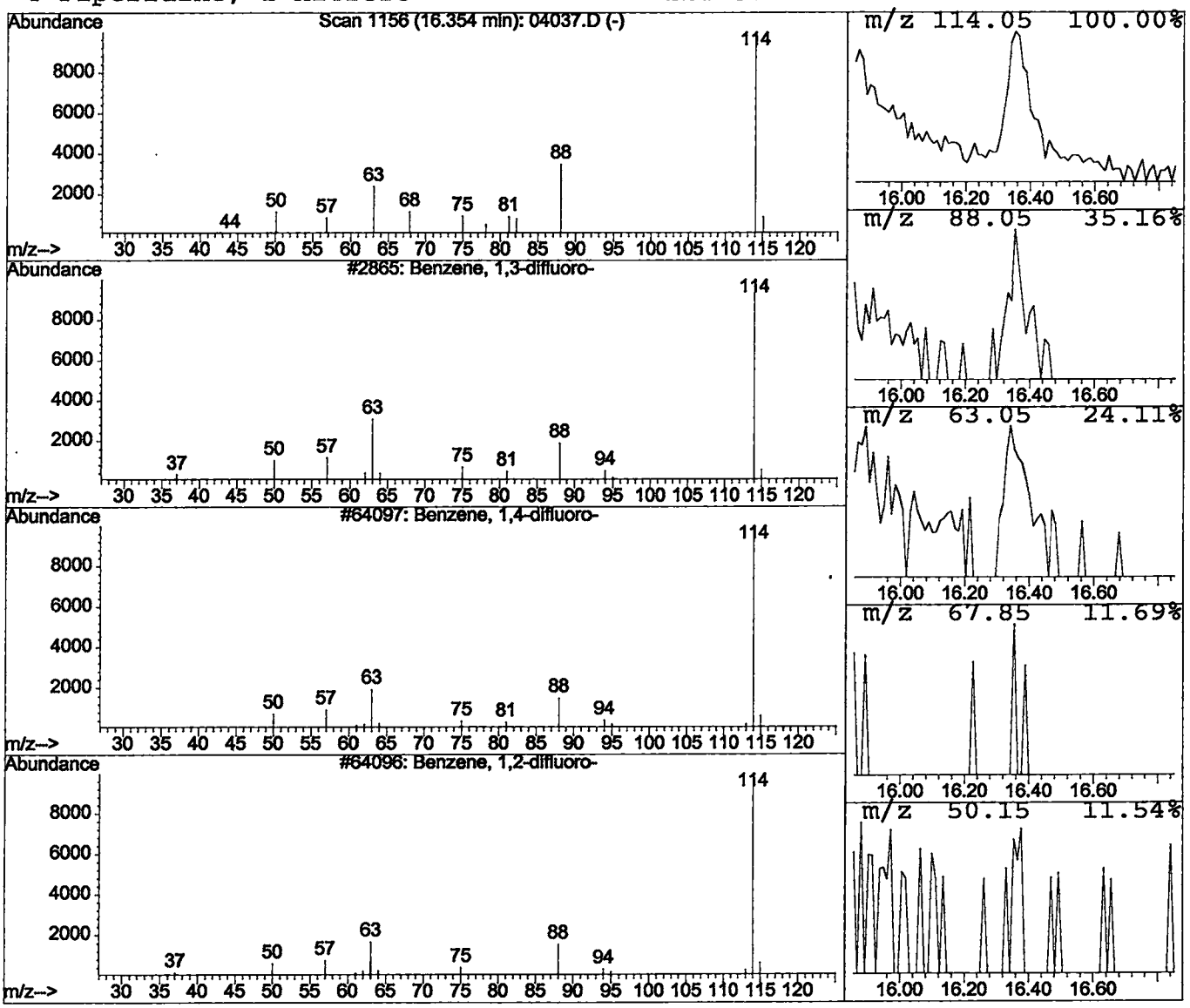
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	0.05 ug/L	13813	1,4-DIFLUOROBENZENE	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	72
2	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	64
3	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	64
4	Piperidine, 1-nitroso-	114	C5H10N2O	000100-75-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04037.D Vial: 17
Acq On : 1 Mar 2002 11:46 pm Operator:
Sample : nyc Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

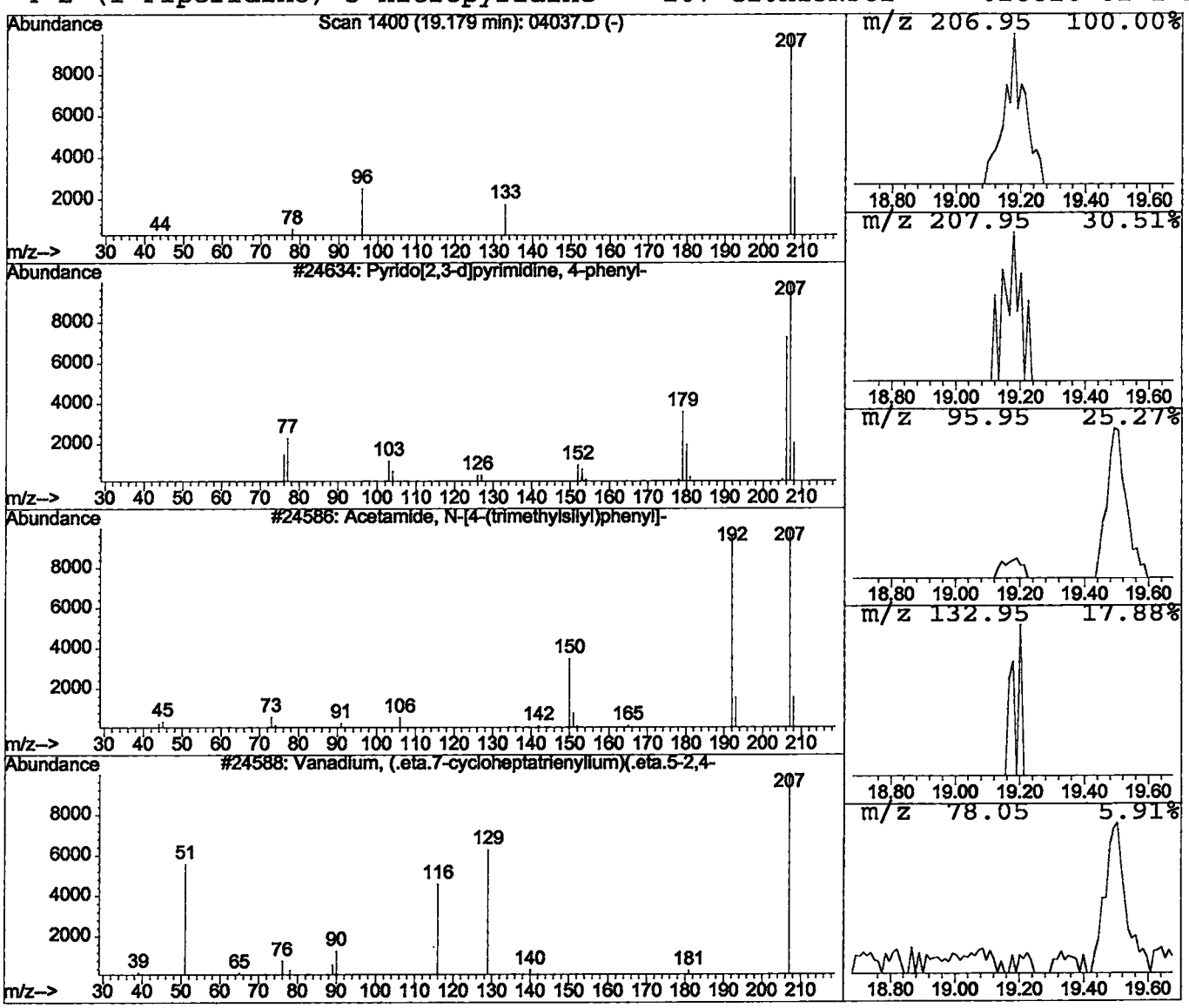
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Pyrido[2,3-d]pyrimidine, 4-phe Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	0.02 ug/L	6076	1,4-DIFLUOROBENZENE	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
2	Acetamide, N-[4-(trimethylsilyl)phe	207	C11H17NOSi	017983-71-0	3
3	Vanadium, (.eta.7-cycloheptatrienyl	207	C12H12V	012636-68-9	3
4	2-(1-Piperidino)-5-nitropyridine	207	C10H13N3O2	026820-61-1	2



User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:27:29

Sample: AE04037
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 3/2/02 00:02 Ended: 3/5/02 00:02 Analyst: WB
Result source: c:\hpchem\1\data\02mar01\0301c10a.d\0301c10a.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.6		.5
2	Surr_4-BROMOFLUOROBENZE		5.2		.5
3	Dichlorodifluoromethane		8.6		.5
4	Chloromethane		8.4		.5
5	Vinyl chloride		10		.5
6	Bromomethane		7.7		.5
7	Chloroethane		11		.5
8	Trichiorofluoromethane		13		.5
9	1,1-Dichloroethene		8.2		.5
10	Methylene Chloride		9.3		.5
11	Methyl tert-butyl ether (MTBE)		8.6		1.0
12	trans-1,2-dichloroethene		9.3		.5
13	1,1-dichloroethane		9.9		.5
14	2-butanone (MEK)		13		2.0
15	2,2-dichloropropane		9.2		.5
16	cis-1,2-dichloroethene		10		.5
17	Chloroform		10		.5
18	Bromochloromethane		10		.5
19	1,2-dichloroethane		9.8		.5
20	Surr_TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		10		.5
22	1,1-dichloropropene		10		.5
23	Carbon tetrachloride		9.9		.5
24	Benzene		9.2		.5
25	Trichloroethene		9.8		.5
26	1,2-dichloropropane		9.9		.5
27	Dibromomethane		9.4		.5
28	Bromodichloromethane		9.5		.5
29	Methyl iso-butyl ketone		8.2		1.0
30	cis-1,3-dichloropropene		9.1		.5
31	Toluene		9.8		.5
32	trans-1,3-dichloropropene		11		.5
33	1,1,2-trichloroethane		9.4		.5
34	Tetrachloroethene		10		.5
35	1,3-dichloropropane		10		.5
36	Dibromochloromethane		9.0		2.0
37	Chlorobenzene		9.8		.5
38	1,1,1,2-tetrachloroethane		9.9		.5
39	Ethylbenzene		11		.5
40	P & M-xylene		20		.5
41	O-xylene		10		.5
42	Styrene		9.3		.5
43	1,1,2,2-tetrachloroethane		8.8		.5
44	Bromoform		9.1		2.0
45	Isopropylbenzene		11		.5
46	1,2,3-trichloropropane		11		.5
47	N-propylbenzene		10		.5
48	Bromobenzene		10		.5

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:27:29

Sample: AE04037
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 3/2/02 00:02 Ended: 3/5/02 00:02 Analyst: WB
Result source: c:\hpchem\1\data\02mar01\0301c10a.d\0301c10a.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		11		.5
50	2-chlorotoluene		11		.5
51	4-chlorotoluene		10		.5
52	TERT-butylbenzene		10		.5
53	1,2,4-trimethylbenzene		9.5		.5
54	SEC-butylbenzene		10		.5
55	P-isopropyltoluene		10		.5
56	1,3-dichlorobenzene		10		.5
57	1,4-dichlorobenzene		10		.5
58	N-butylbenzene		9.9		.5
59	1,2-dichlorobenzene		10		.5
60	1,2,4-trichlorobenzene		7.6		.5
61	Hexachlobutadiene		9.2		.5
62	Naphthalene		8.3		.5
63	1,2,3-trichlorobenzene		7.6		.5
64					

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR01\0301C10A.D Vial: 18
Acq On : 2 Mar 2002 12:34 am Operator:
Sample : cal 10 Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 4 11:24 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 04 11:23:12 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.58	114	831265	5.00	ug/L	0.00
21) CHLOROBENZENE-D5	23.34	82	406928	5.00	ug/L	0.00
49) 1,4-DICHLOROBENZENE-D4	29.39	152	333441	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	14.63	65	196154	5.56	ug/L	0.00
Spiked Amount 5.000			Recovery = 111.20%			
22) Toluene-d8	19.49	98	1046288	5.09	ug/L	0.00
Spiked Amount 5.000			Recovery = 101.80%			
50) 4-Bromofluorobenzene	26.39	95	360584	5.18	ug/L	0.00
Spiked Amount 5.000			Recovery = 103.60%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	4.22	85	357474	8.56	ug/L	97
4) CHLOROMETHANE	4.83	50	392843	8.36	ug/L	97
5) VINYL CHLORIDE	4.90	62	595144	9.96	ug/L	99
6) BROMOMETHANE	5.75	96	292341	7.69	ug/L	95
7) CHLOROETHANE	5.88	64	392992	10.68	ug/L	98
8) TRICHLOROFLUOROMETHANE	6.41	101	684259	12.50	ug/L	98
9) ACETONE	8.07	43	9751	10.36	ug/L	99
10) 1,1-DICHLOROETHENE	7.79	61	636866	8.23	ug/L	93
11) METHYLENE CHLORIDE	8.98	49	668212	9.26	ug/L	90
12) METHYL TERT BUTYL ETHER	9.29	73	843699	8.64	ug/L	98
13) TRANS-1,2-DICHLOROETHENE	9.73	61	734842	9.30	ug/L	94
14) 1,1-DICHLOROETHANE	10.82	63	950729	9.92	ug/L	98
15) 2-BUTANONE (MEK)	12.26	43	40479	13.39	ug/L	95
16) 2,2-DICHLOROPROPANE	12.26	77	641498	9.16	ug/L	98
17) CIS-1,2-DICHLOROETHENE	12.40	61	760042	10.12	ug/L	94
18) CHLOROFORM	12.79	83	914472	9.95	ug/L	100
19) BROMOCHLOROMETHANE	13.25	49	354162	10.15	ug/L	90
20) 1,2-DICHLOROETHANE	16.91	62	386958	9.79	ug/L	99
23) 1,1,1-TRICHLOROETHANE	13.83	97	723489	10.42	ug/L	99
24) 1,1-DICHLOROPROPENE	14.22	75	741008	10.05	ug/L	96
25) CARBON TETRACHLORIDE	14.50	117	508294	9.89	ug/L	99
26) BENZENE	14.93	77	559754	9.25	ug/L	98
27) TRICHLOROETHENE	16.47	95	560476	9.79	ug/L	99
28) 1,2-DICHLOROPROPANE	16.91	63	544662	9.89	ug/L	99
29) DIBROMOMETHANE	17.67	174	165508	9.42	ug/L	98
30) BROMODICHLOROMETHANE	17.50	83	531544	9.50	ug/L	98
31) 2-CHLOROETHYL VINYL ETHER	19.69	63	201437	10.82	ug/L	90

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR01\0301C10A.D Vial: 18
Acq On : 2 Mar 2002 12:34 am Operator:
Sample : cal 10 Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 4 11:24 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 04 11:23:12 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

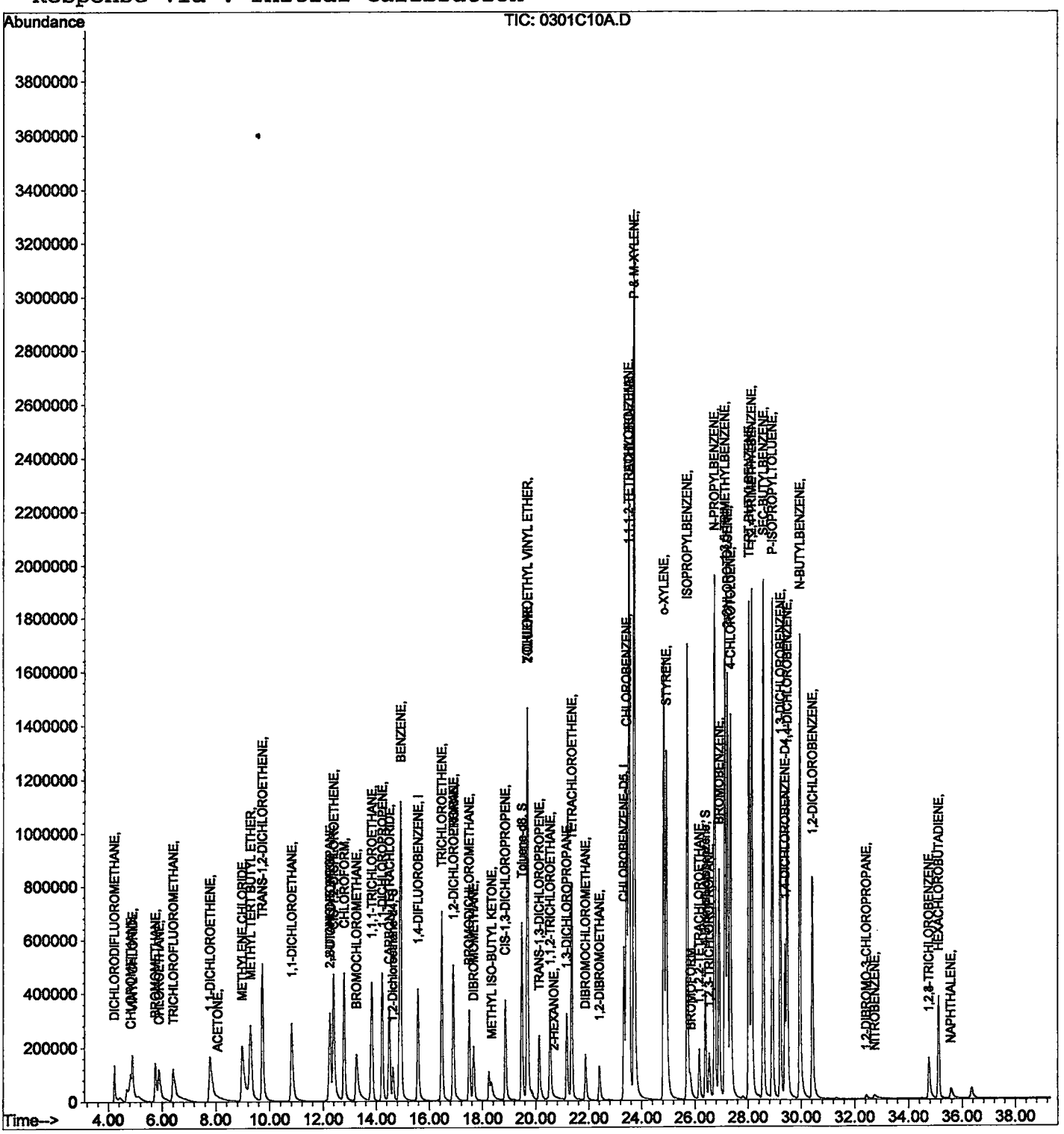
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
32)	METHYL ISO-BUTYL KETONE	18.35	58	60206	8.23	ug/L	80
33)	CIS-1,3-DICHLOROPROPENE	18.86	75	672369	9.12	ug/L	98
34)	TOLUENE	19.69	92	1548871	9.77	ug/L	100
35)	TRANS-1,3-DICHLOROPROPENE	20.13	75	436325	10.73	ug/L	97
36)	1,1,2-TRICHLOROETHANE	20.53	97	297427	9.35	ug/L	97
37)	TETRACHLOROETHENE	21.36	166	514999	10.04	ug/L	98
38)	1,3-DICHLOROPROPANE	21.16	76	576000	10.06	ug/L	99
39)	DIBROMOCHLOROMETHANE	21.88	129	228068	8.96	ug/L	97
40)	1,2-DIBROMOETHANE	22.41	107	240821	9.47	ug/L	100
41)	CHLOROBENZENE	23.43	114	500560	9.79	ug/L	99
42)	1,1,1,2-TETRACHLOROETHANE	23.51	131	407113	9.85	ug/L	97
43)	2-HEXANONE	20.67	43	31745	8.40	ug/L	77
44)	ETHYLBENZENE	23.53	91	2978156	10.60	ug/L	98
45)	P & M-XYLENE	23.72	106	2368256	20.19	ug/L	95
46)	o-XYLENE	24.84	91	2332549	10.34	ug/L	98
47)	STYRENE	24.93	104	1780452	9.26	ug/L	99
48)	1,1,2,2-TETRACHLOROETHANE	26.16	83	262303	8.85	ug/L	95
51)	BROMOFORM	25.85	173	77648	9.06	ug/L	97
52)	ISOPROPYLBENZENE	25.72	105	2818035	10.87	ug/L	98
53)	1,2,3-TRICHLOROPROPANE	26.54	75	177829	10.71	ug/L	98
54)	N-PROPYLBENZENE	26.74	120	816823	10.06	ug/L	90
55)	BROMOBENZENE	26.91	77	971452	10.22	ug/L	96
56)	1,3,5-TRIMETHYLBENZENE	27.13	105	2469391	10.59	ug/L	99
57)	2-CHLOROTOLUENE	27.23	91	2328419	10.75	ug/L	100
58)	4-CHLOROTOLUENE	27.34	91	2220145	10.30	ug/L	100
59)	TERT-BUTYLBENZENE	28.04	134	515991	10.33	ug/L	100
60)	1,2,4-TRIMETHYLBENZENE	28.14	120	1189325	9.51	ug/L	97
61)	SEC-BUTYLBENZENE	28.58	134	607006	10.18	ug/L	97
62)	P-ISOPROPYLTOLUENE	28.92	134	666653	10.20	ug/L	99
63)	1,3-DICHLOROBENZENE	29.22	146	1120472	10.32	ug/L	98
64)	1,4-DICHLOROBENZENE	29.47	146	1126731	10.10	ug/L	99
65)	N-BUTYLBENZENE	29.96	134	608602	9.88	ug/L	98
66)	1,2-DICHLOROBENZENE	30.43	146	856953	10.10	ug/L	98
67)	1,2-DIBROMO-3-CHLOROPROPAN	32.43	75	14954	7.74	ug/L	83
68)	1,2,4-TRICHLOROBENZENE	34.76	180	148006	7.65	ug/L	98
69)	HEXACHLOROBUTADIENE	35.12	225	171240	9.17	ug/L	100
70)	NAPHTHALENE	35.58	128	128042	8.32	ug/L	97
71)	1,2,3-TRICHLOROBENZENE	34.76	180	148006	7.65	ug/L	98
73)	NITROBENZENE	32.75	77	33172	129.85	ug/L	90

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR01\0301C10A.D Vial: 18
Acq On : 2 Mar 2002 12:34 am Operator:
Sample : cal 10 Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 4 11:24 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 04 11:29:42 2002
Response via : Initial Calibration



User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:28:00

Sample: AE04038
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/2/02 00:02 Ended: 3/5/02 00:02 Analyst: WB
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.8		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		5.0		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

REVIEWED BY AV
DATE 3/7/02

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:28:00

Sample: AE04038
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/2/02 00:02 Ended: 3/5/02 00:02 Analyst: WB
Result source: manual entry
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 AE04038 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-08-2002 Time: 09:56:29

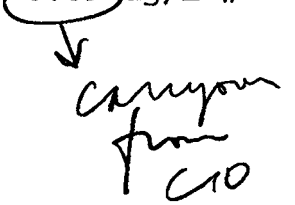
Four analytes in the QC sample had a high recovery. They are as follows:
2-butanone - 154%; 1,2,4-trichlorobenzene - 140%; naphthalene - 240%;
1,2,3 - trichlorobenzene - 140%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR01\04038.D Vial: 20
Acq On : 2 Mar 2002 2:10 am Operator:
Sample : nyc Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 4 10:44 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:20:56 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.58	114	752324	5.00	ug/L	0.00
21) CHLOROBENZENE-D5	23.35	82	366106	5.00	ug/L	0.01
49) 1,4-DICHLOROBENZENE-D4	29.41	152	273320	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	14.63	65	185900	5.82	ug/L	0.00
Spiked Amount 5.000			Recovery =	116.40%		
22) Toluene-d8	19.49	98	931255	5.03	ug/L	0.00
Spiked Amount 5.000			Recovery =	100.60%		
50) 4-Bromofluorobenzene	26.40	95	296323	5.19	ug/L	0.02
Spiked Amount 5.000			Recovery =	103.80%		
Target Compounds						Qvalue
11) METHYLENE CHLORIDE	8.99	49	22761	0.35	ug/L	86
12) METHYL TERT BUTYL ETHER	9.32	73	7804	0.09	ug/L	84
70) NAPHTHALENE	35.67	128	10799	0.69	ug/L #	70

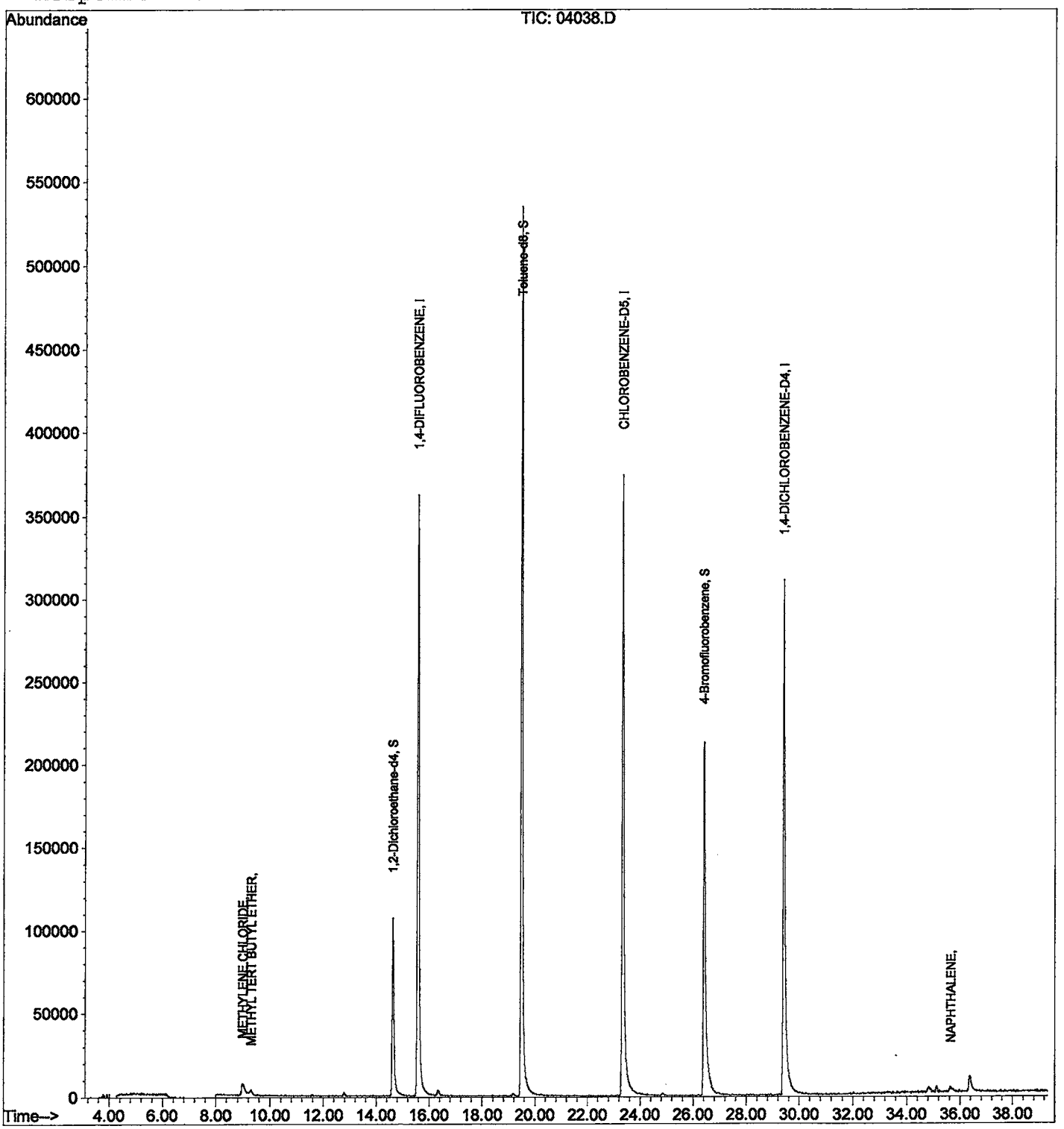


(#) = qualifier out of range (m) = manual integration
04038.D HP021102.M Mon Mar 04 10:44:45 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04038.D Vial: 20
Acq On : 2 Mar 2002 2:10 am Operator:
Sample : nyc Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 4 10:44 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:20:56 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04038.D Vial: 20
Acq On : 2 Mar 2002 2:10 am Operator:
Sample : nyc Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

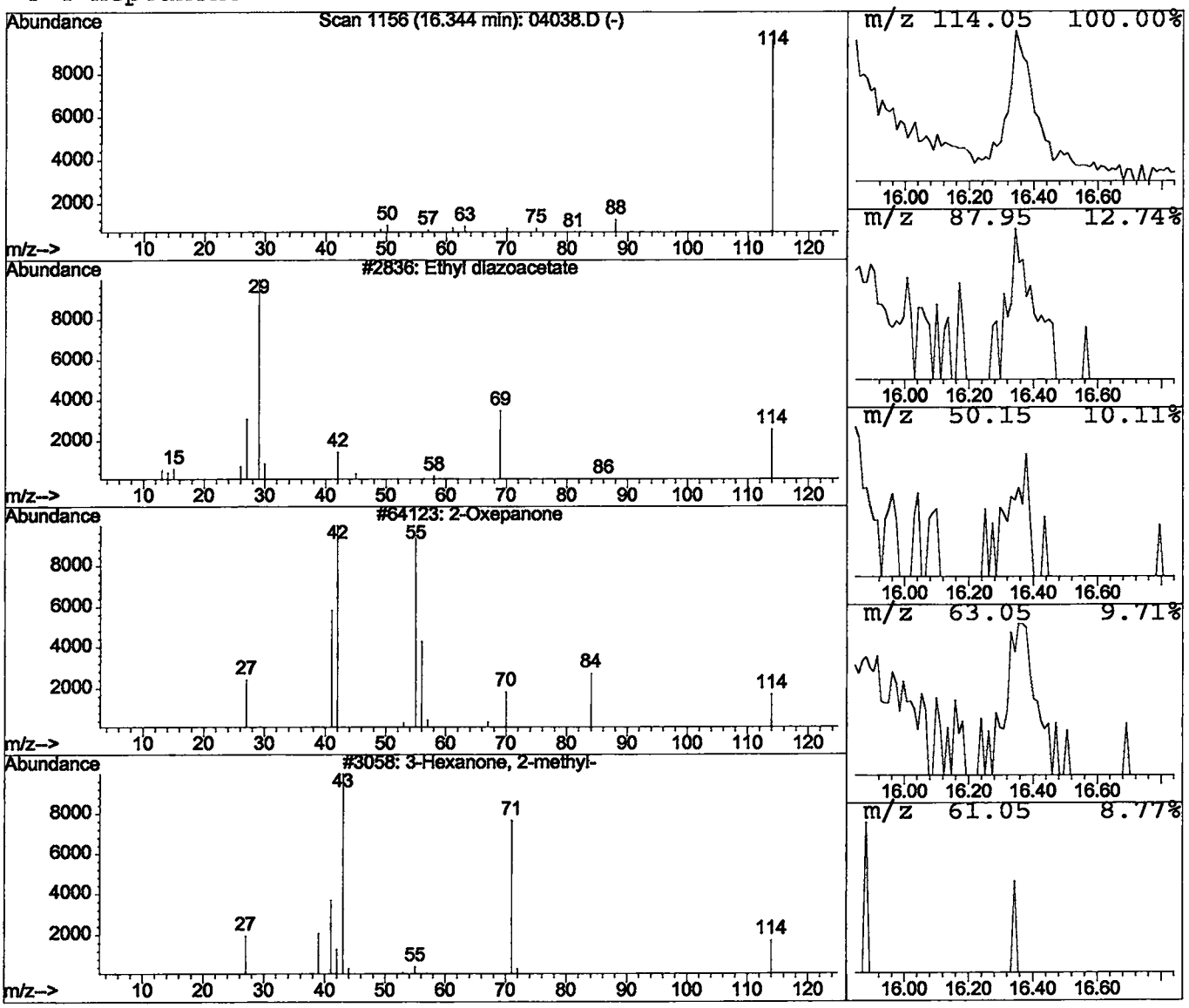
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Ethyl diazoacetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	0.06 ug/L	18348	1,4-DIFLUOROBENZENE	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl diazoacetate	114	C4H6N2O2	000623-73-4	3
2	2-Oxepanone	114	C6H10O2	000502-44-3	3
3	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3
4	4-Heptanone	114	C7H14O	000123-19-3	3



User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:28:53

Sample: AE04378
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/2/02 00:02 Ended: 3/5/02 00:02 Analyst: WB
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.9		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		5.0		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

REVIEWED BY AV
DATE 3/7/02

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:28:53

Sample: AE04378
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/2/02 00:02 Ended: 3/5/02 00:02 Analyst: WB
Result source: manual entry
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 AE04378 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-08-2002 Time: 09:56:54

Four analytes in the QC sample had a high recovery. They are as follows:
2-butanone - 154%; 1,2,4-trichlorobenzene - 140%; naphthalene - 240%;
1,2,3 - trichlorobenzene - 140%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR01\04378.D Vial: 21
Acq On : 2 Mar 2002 2:58 am Operator:
Sample : nyc Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 4 10:53 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:20:56 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

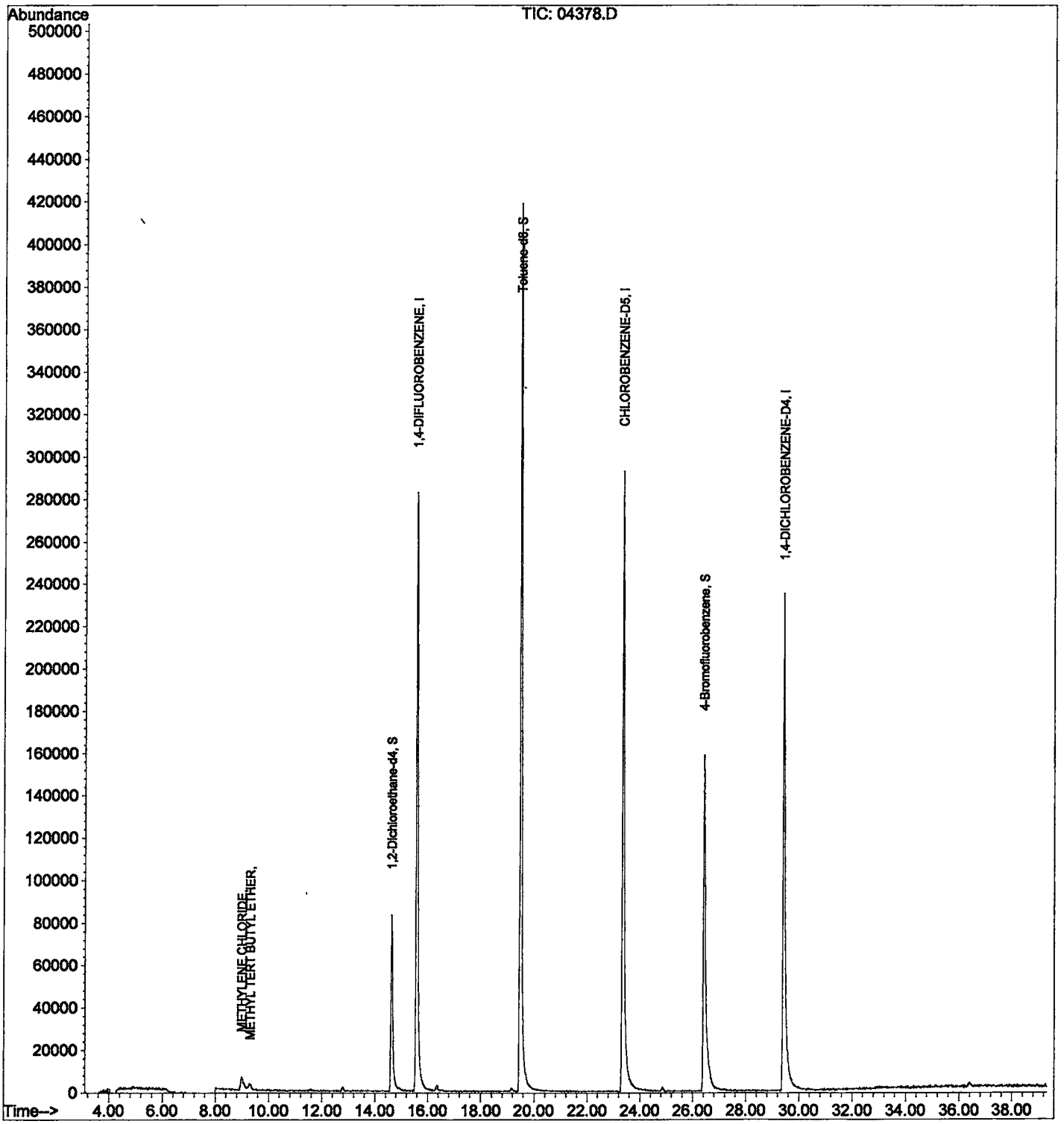
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.58	114	599212	5.00	ug/L	0.00
21) CHLOROBENZENE-D5	23.35	82	292646	5.00	ug/L	0.01
49) 1,4-DICHLOROBENZENE-D4	29.43	152	212760	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	14.63	65	149296	5.87	ug/L	0.00
Spiked Amount 5.000			Recovery = 117.40%			
22) Toluene-d8	19.49	98	741344	5.01	ug/L	0.00
Spiked Amount 5.000			Recovery = 100.20%			
50) 4-Bromofluorobenzene	26.42	95	230721	5.19	ug/L	0.03
Spiked Amount 5.000			Recovery = 103.80%			
Target Compounds						Qvalue
11) METHYLENE CHLORIDE	8.99	49	15120	0.29	ug/L	83
12) METHYL TERT BUTYL ETHER	9.32	73	6963	0.10	ug/L	95

(#) = qualifier out of range (m) = manual integration
04378.D HP021102.M Mon Mar 04 10:53:21 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04378.D Vial: 21
Acq On : 2 Mar 2002 2:58 am Operator:
Sample : nyc Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 4 10:53 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:20:56 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04378.D Vial: 21
Acq On : 2 Mar 2002 2:58 am Operator:
Sample : nyc Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

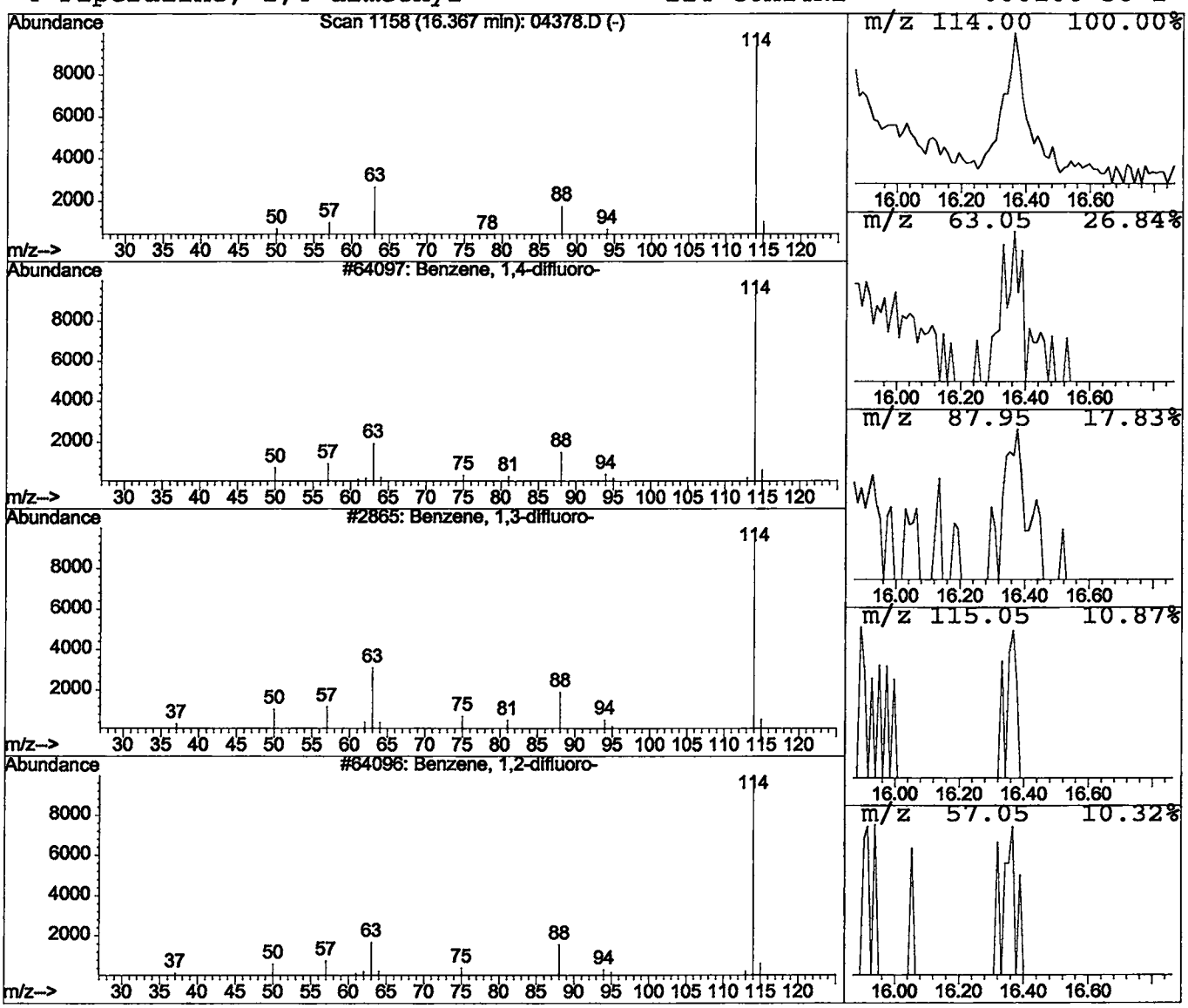
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	0.05 ug/L	12091	1,4-DIFLUOROBENZENE	15.58

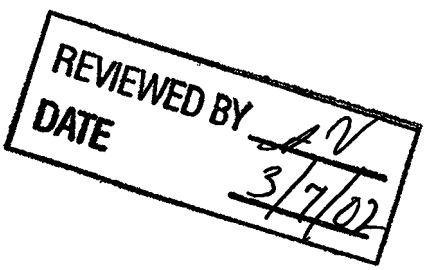
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	90
2	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	90
3	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	78
4	Piperazine, 1,4-dimethyl-	114	C6H14N2	000106-58-1	7



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 15:55:45

Sample: AE04379
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 03/02/02 00:02 Ended: 03/05/02 00:02 Analyst: WB
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		6.0	0.5
2	Surr - 4-BROMOFLUOROBENZE		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 (MTB		< 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-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< 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-Dibromochloromethar		< 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



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 15:55:45

Sample: AE04379
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 03/02/02 00:02 Ended: 03/05/02 00:02 Analyst: WB
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MDL	0.5
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		0.13-below 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 AE04379 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-08-2002 Time: 09:57:01

Four analytes in the QC sample had a high recovery. They are as follows:
2-butanone - 154%; 1,2,4-trichlorobenzene - 140%; naphthalene - 240%;
1,2,3 - trichlorobenzene - 140%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR01\04379.D Vial: 22
Acq On : 2 Mar 2002 3:46 am Operator:
Sample : nyc Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 4 10:53 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:20:56 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.58	114	723286	5.00	ug/L	0.00
21) CHLOROBENZENE-D5	23.35	82	356344	5.00	ug/L	0.01
49) 1,4-DICHLOROBENZENE-D4	29.41	152	260657	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	14.63	65	183504	5.98	ug/L	0.00
Spiked Amount 5.000			Recovery =	119.60%		
22) Toluene-d8	19.49	98	895940	4.97	ug/L	0.00
Spiked Amount 5.000			Recovery =	99.40%		
50) 4-Bromofluorobenzene	26.42	95	284847	5.23	ug/L	0.03
Spiked Amount 5.000			Recovery =	104.60%		
Target Compounds						Qvalue
9) ACETONE	8.03	43	5514	6.73	ug/L #	69
11) METHYLENE CHLORIDE	8.98	49	20613	0.33	ug/L	77
12) METHYL TERT BUTYL ETHER	9.32	73	9088	0.11	ug/L	92
63) 1,3-DICHLOROBENZENE	29.51	146	11492	0.14	ug/L	92
64) 1,4-DICHLOROBENZENE	29.51	146	11492	0.13	ug/L	90

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

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04379.D Vial: 22
Acq On : 2 Mar 2002 3:46 am Operator:
Sample : nyc Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

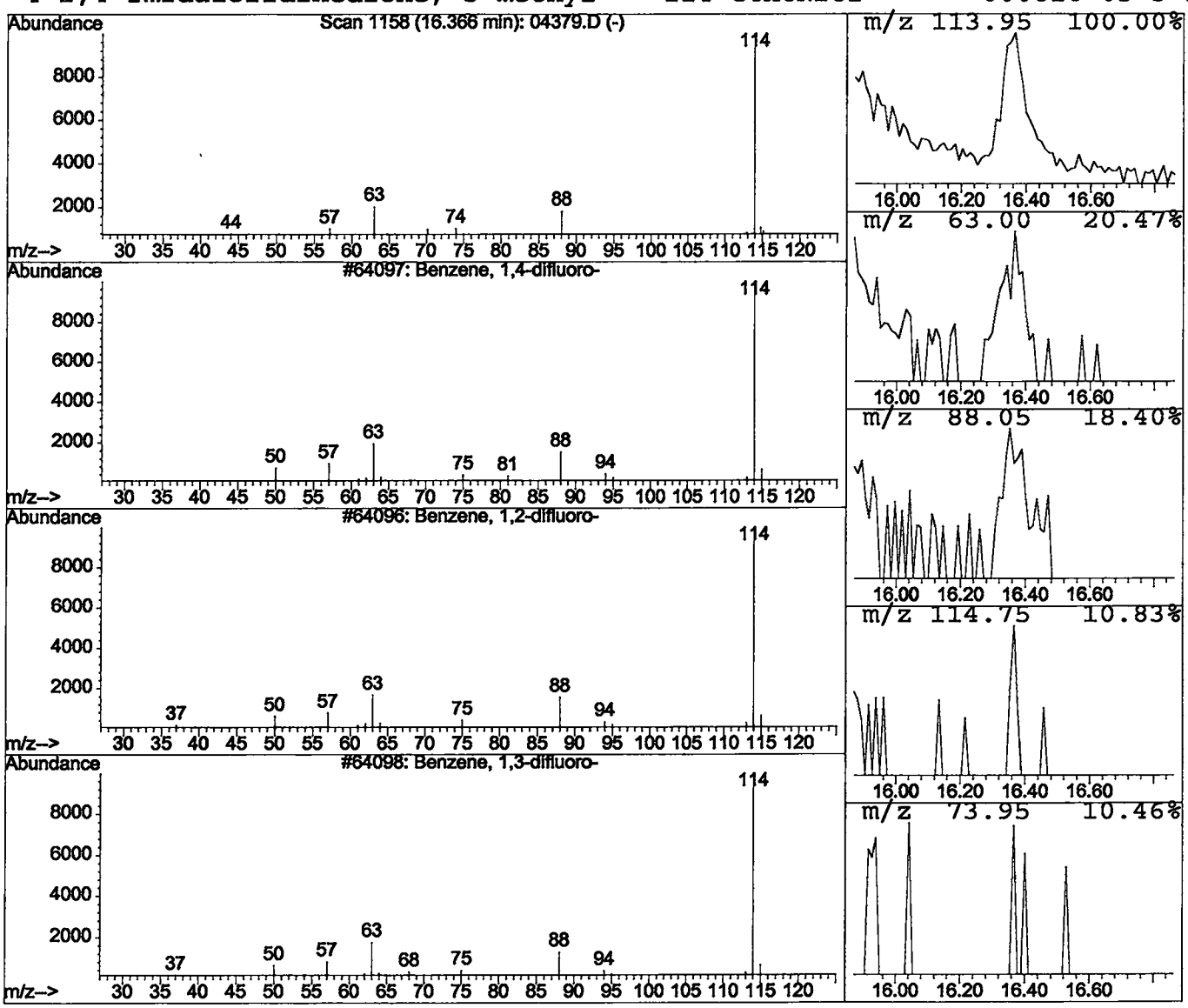
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	0.04 ug/L	13630	1,4-DIFLUOROBENZENE	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	59
2	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	59
3	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	59
4	2,4-Imidazolidinedione, 5-methyl-	114	C4H6N2O2	000616-03-5	9



User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:29:45

Sample: AE04381
Analysis: 8524 Volatile Organic Compounds
Units: ug
Started: 3/2/02 00:02 Ended: 3/5/02 00:02 Analyst: WB
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.2		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		5.0		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

REVIEWED BY AV
DATE 3/7/02

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:29:45

Sample: AE04381
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/2/02 00:02 Ended: 3/5/02 00:02 Analyst: WB
Result source: manual entry
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 AE04381 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-08-2002 Time: 09:57:09

Four analytes in the QC sample had a high recovery. They are as follows: 2-butanone - 154%; 1,2,4-trichlorobenzene - 140%; naphthalene - 240%; 1,2,3 - trichlorobenzene - 140%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR01\04381.D Vial: 23
Acq On : 2 Mar 2002 4:35 am Operator:
Sample : nyc Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 4 10:54 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:20:56 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

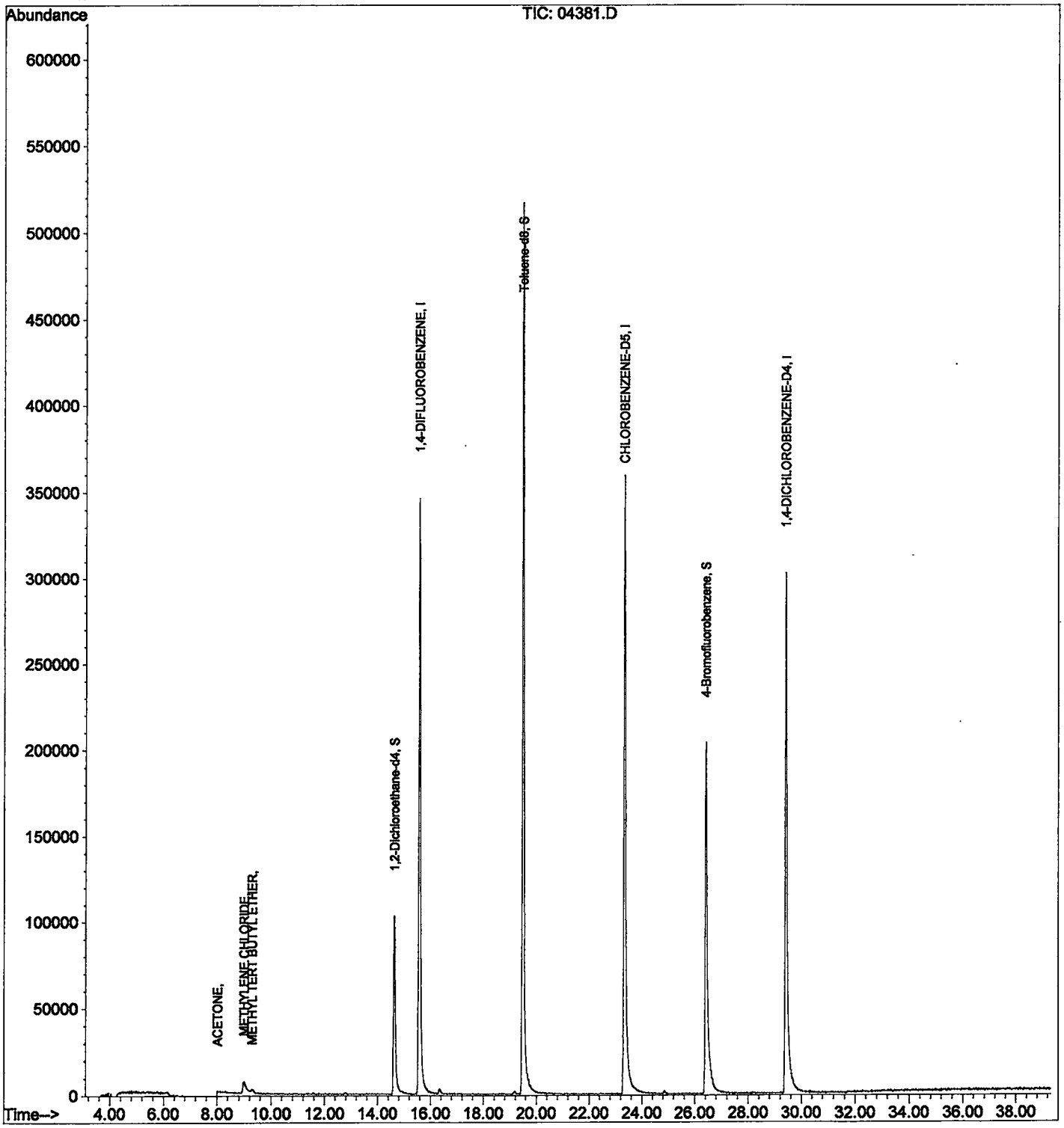
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.58	114	714585	5.00	ug/L	0.00
21) CHLOROBENZENE-D5	23.34	82	353179	5.00	ug/L	0.00
49) 1,4-DICHLOROBENZENE-D4	29.41	152	262689	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	14.64	65	187320	6.18	ug/L	0.00
Spiked Amount 5.000			Recovery = 123.60%			
22) Toluene-d8	19.49	98	894139	5.01	ug/L	0.00
Spiked Amount 5.000			Recovery = 100.20%			
50) 4-Bromofluorobenzene	26.42	95	279285	5.09	ug/L	0.03
Spiked Amount 5.000			Recovery = 101.80%			
Target Compounds						Qvalue
9) ACETONE	8.03	43	8051	9.95	ug/L #	75
11) METHYLENE CHLORIDE	9.00	49	21901	0.35	ug/L	89
12) METHYL TERT BUTYL ETHER	9.31	73	5673	0.07	ug/L	93

(#) = qualifier out of range (m) = manual integration
04381.D HP021102.M Mon Mar 04 10:55:05 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04381.D Vial: 23
Acq On : 2 Mar 2002 4:35 am Operator:
Sample : nyc Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 4 10:54 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:20:56 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04381.D Vial: 23
Acq On : 2 Mar 2002 4:35 am Operator:
Sample : nyc Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

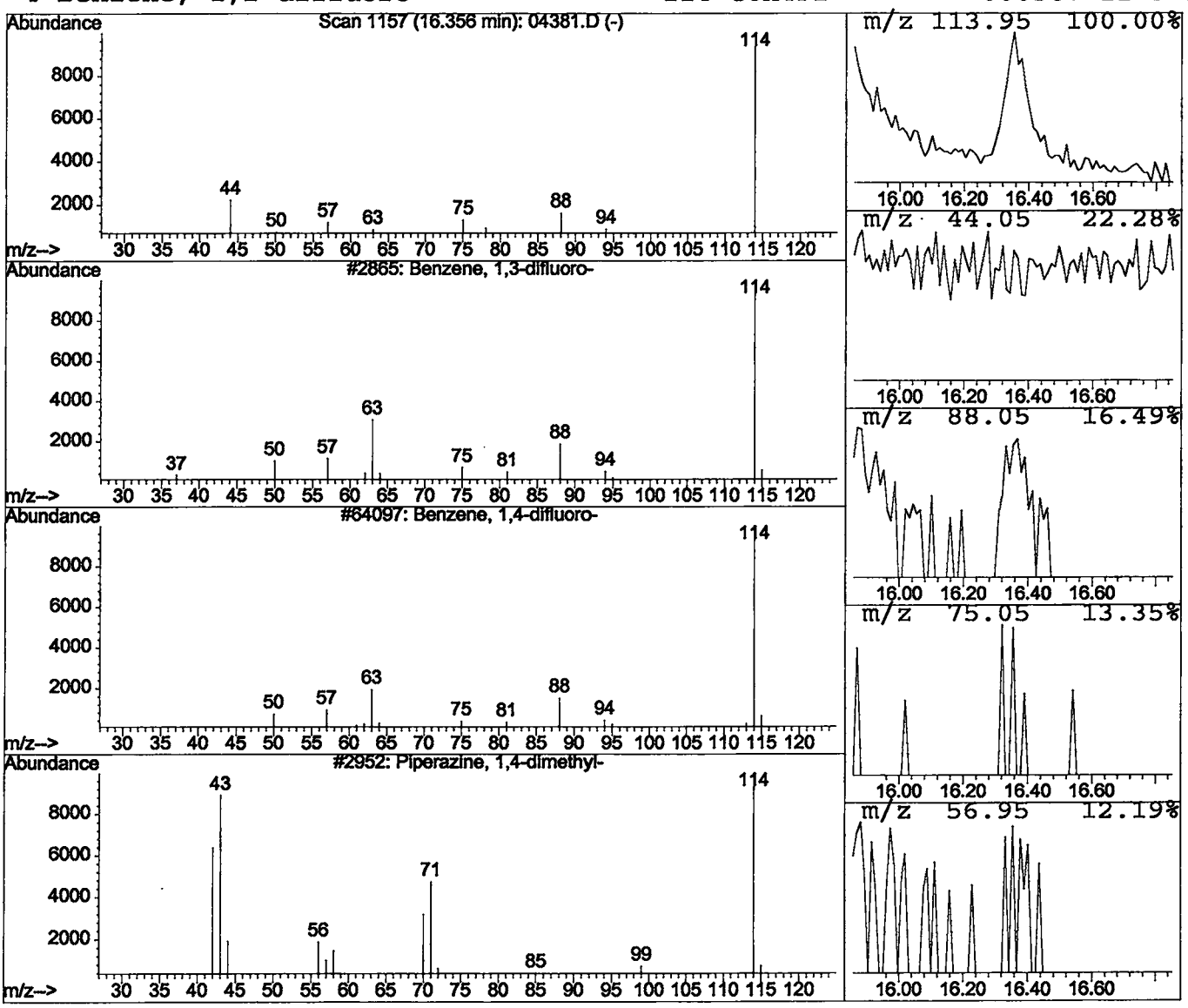
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	0.05 ug/L	15879	1,4-DIFLUOROBENZENE	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	50
2	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	42
3	Piperazine, 1,4-dimethyl-	114	C6H14N2	000106-58-1	40
4	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	36



User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:30:28

Sample: AE04382
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/2/02 00:02 Ended: 3/5/02 00:02 Analyst: WB
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.2		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		5.0		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

REVIEWED BY AV
DATE 3/7/02

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:30:28

Sample: AE04382
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 3/2/02 00:02 Ended: 3/5/02 00:02 Analyst: WB
Result source: manual entry
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 AE04382 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-08-2002 Time: 09:57:17

Four analytes in the QC sample had a high recovery. They are as follows: 2-butanone - 154%; 1,2,4-trichlorobenzene - 140%; naphthalene - 240%; 1,2,3 - trichlorobenzene - 140%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR01\04382.D Vial: 24
Acq On : 2 Mar 2002 5:23 am Operator:
Sample : nyc Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 4 10:55 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:20:56 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

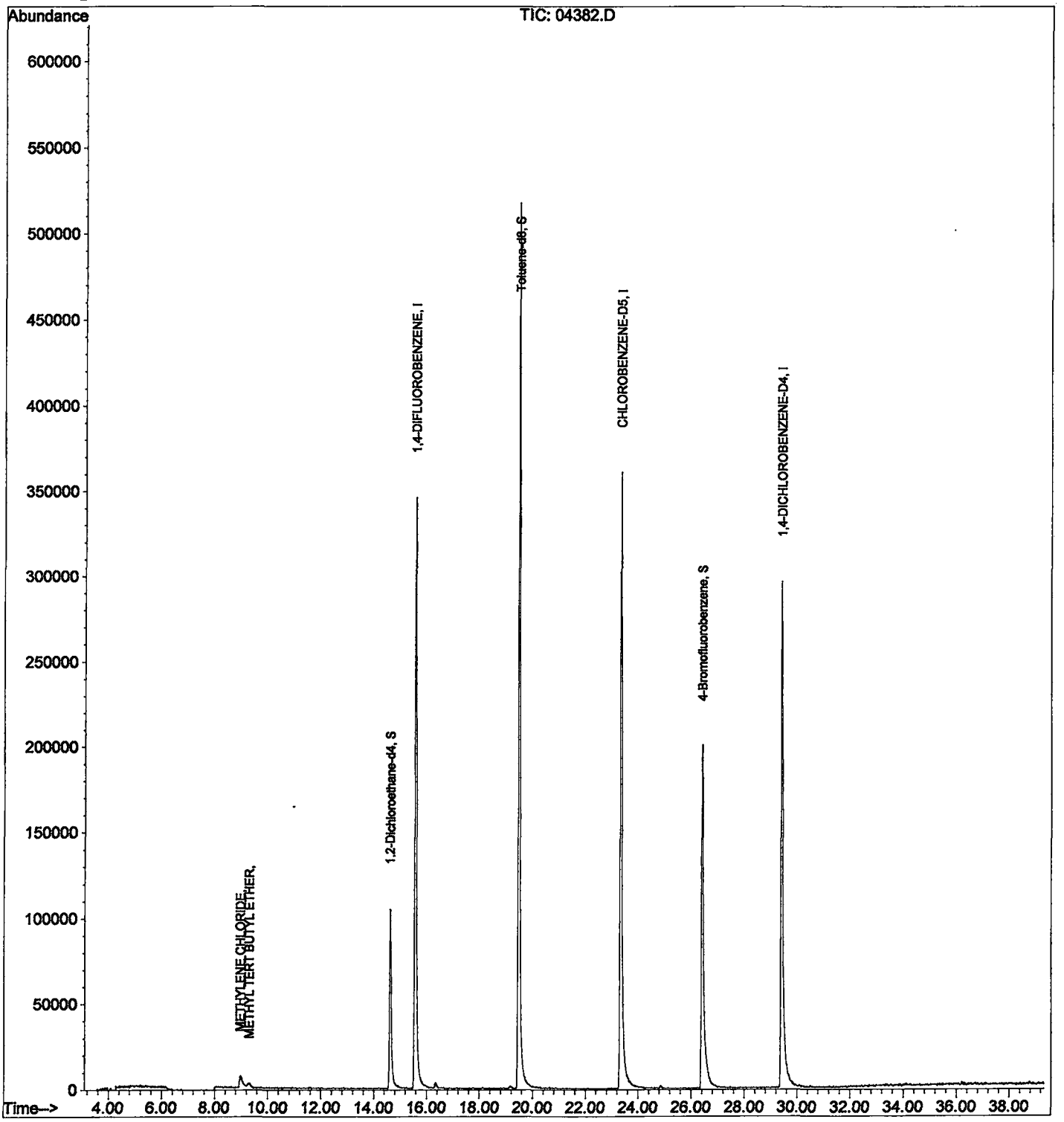
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.58	114	716279	5.00	ug/L	0.00
21) CHLOROBENZENE-D5	23.35	82	353924	5.00	ug/L	0.01
49) 1,4-DICHLOROBENZENE-D4	29.41	152	258490	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	14.63	65	187051	6.15	ug/L	0.00
Spiked Amount 5.000			Recovery = 123.00%			
22) Toluene-d8	19.49	98	891522	4.98	ug/L	0.00
Spiked Amount 5.000			Recovery = 99.60%			
50) 4-Bromofluorobenzene	26.41	95	281820	5.22	ug/L	0.03
Spiked Amount 5.000			Recovery = 104.40%			
Target Compounds						Qvalue
11) METHYLENE CHLORIDE	8.98	49	19343	0.31	ug/L	77
12) METHYL TERT BUTYL ETHER	9.32	73	6752	0.08	ug/L	94

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04382.D Vial: 24
Acq On : 2 Mar 2002 5:23 am Operator:
Sample : nyc Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 4 10:55 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:20:56 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04382.D Vial: 24
Acq On : 2 Mar 2002 5:23 am Operator:
Sample : nyc Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

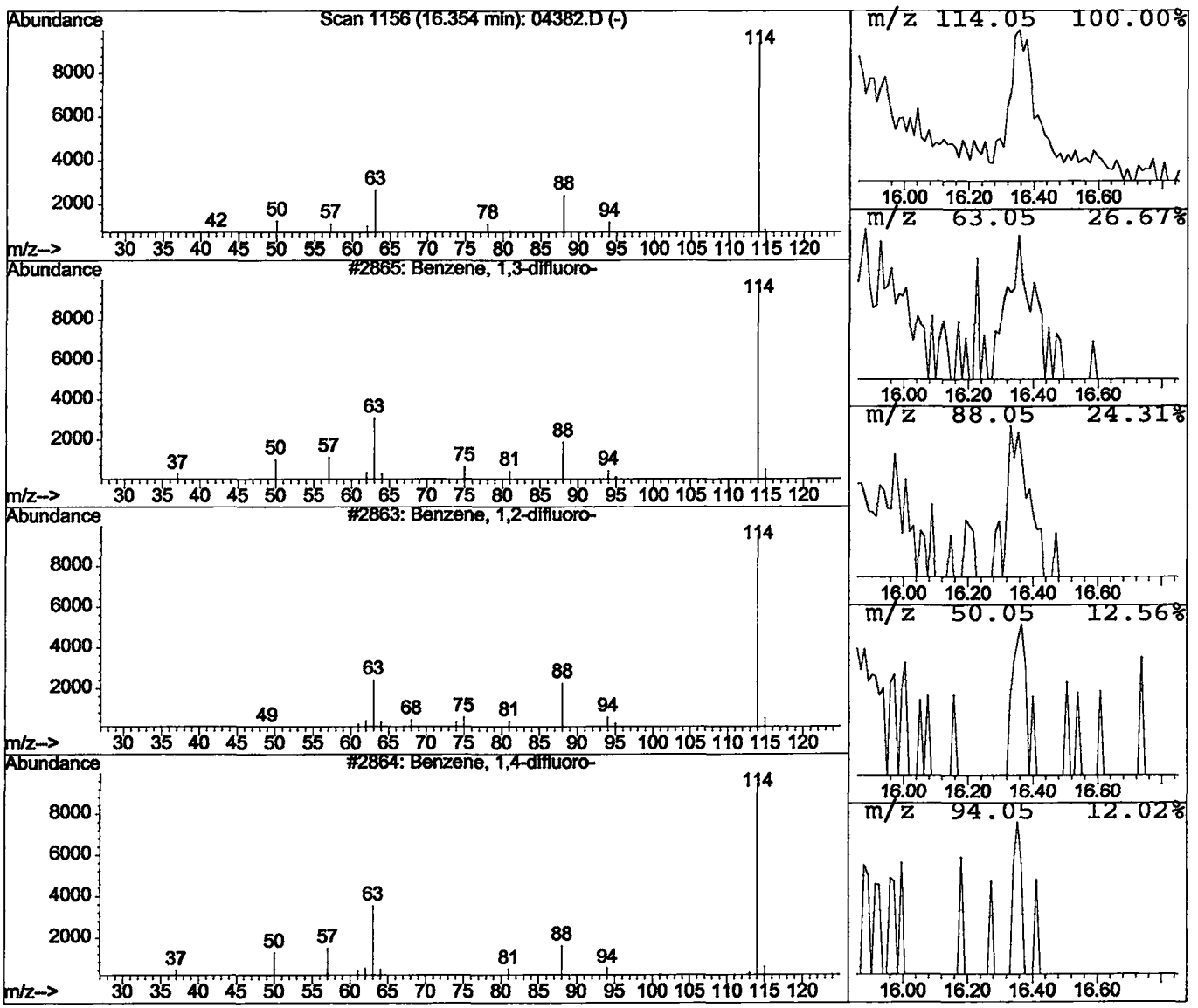
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	0.05 ug/L	17137	1,4-DIFLUOROBENZENE	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	58
2	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	53
3	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	50
4	Methimazole	114	C4H6N2S	000060-56-0	9



User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:30:50

Sample: AE04383
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 3/2/02 00:02 Ended: 3/5/02 00:02 Analyst: WB
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.1		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		5.0		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

REVIEWED BY AV
DATE 3/7/02

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:30:50

Sample: AE04383
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 3/2/02 00:02 Ended: 3/5/02 00:02 Analyst: WB
Result source: manual entry
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 AE04383 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-08-2002 Time: 09:58:33

Four analytes in the QC sample had a high recovery. They are as follows:
2-butanone - 154%; 1,2,4-trichlorobenzene - 140%; naphthalene - 240%;
1,2,3 - trichlorobenzene - 140%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR01\04383.D Vial: 25
Acq On : 2 Mar 2002 6:11 am Operator:
Sample : nyc Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 4 10:56 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:20:56 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

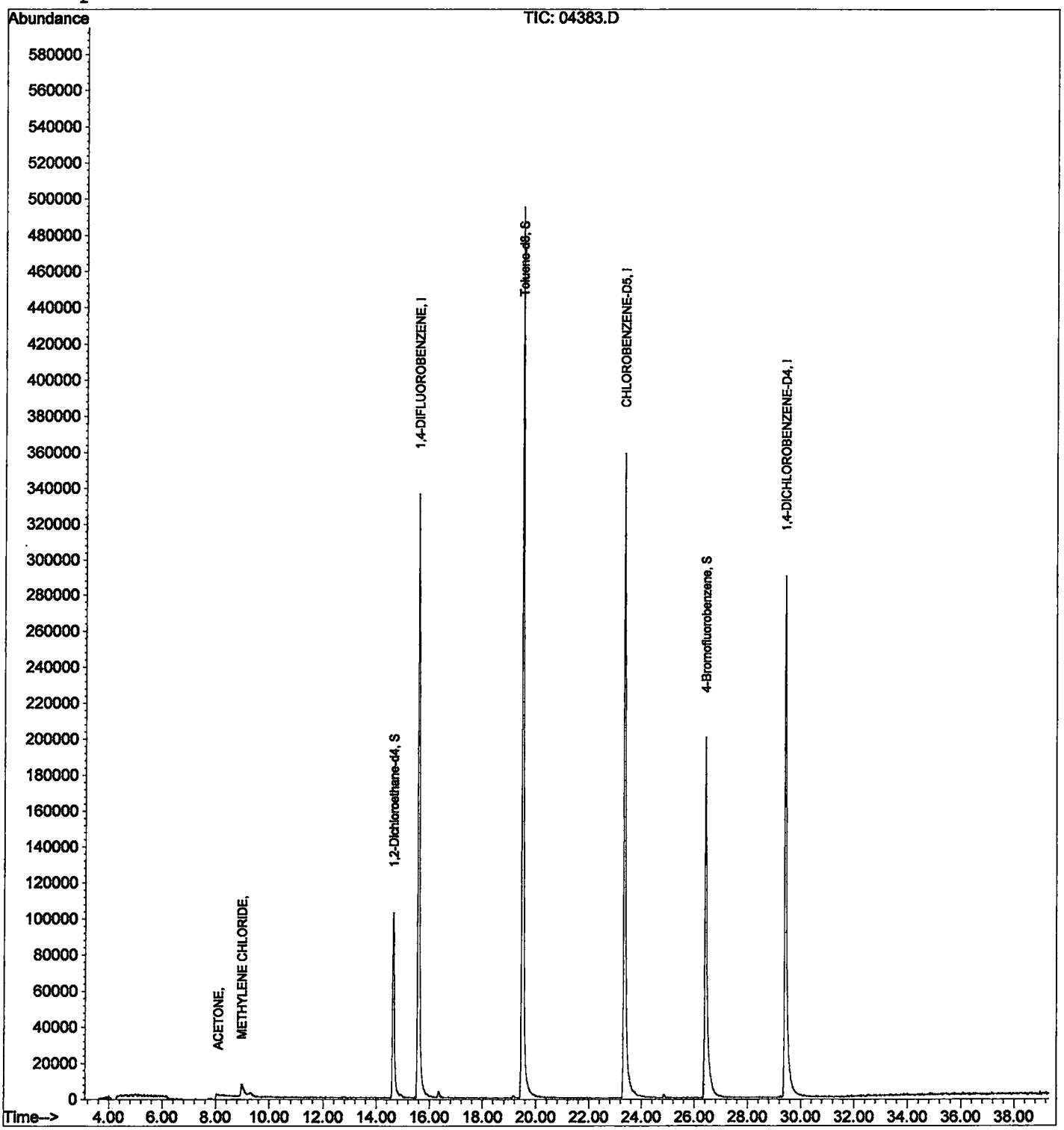
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.58	114	700921	5.00	ug/L	0.00
21) CHLOROBENZENE-D5	23.35	82	344802	5.00	ug/L	0.01
49) 1,4-DICHLOROBENZENE-D4	29.41	152	250191	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	14.64	65	182189	6.13	ug/L	0.00
Spiked Amount 5.000			Recovery = 122.60%			
22) Toluene-d8	19.49	98	874493	5.02	ug/L	0.00
Spiked Amount 5.000			Recovery = 100.40%			
50) 4-Bromofluorobenzene	26.41	95	270805	5.18	ug/L	0.03
Spiked Amount 5.000			Recovery = 103.60%			
Target Compounds						Qvalue
9) ACETONE	8.10	43	7877	9.93	ug/L	91
11) METHYLENE CHLORIDE	8.98	49	17841	0.29	ug/L	89

(#) = qualifier out of range (m) = manual integration
04383.D HP021102.M Mon Mar 04 10:56:13 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04383.D Vial: 25
Acq On : 2 Mar 2002 6:11 am Operator:
Sample : nyc Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 4 10:56 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:20:56 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04383.D Vial: 25
Acq On : 2 Mar 2002 6:11 am Operator:
Sample : nyc Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

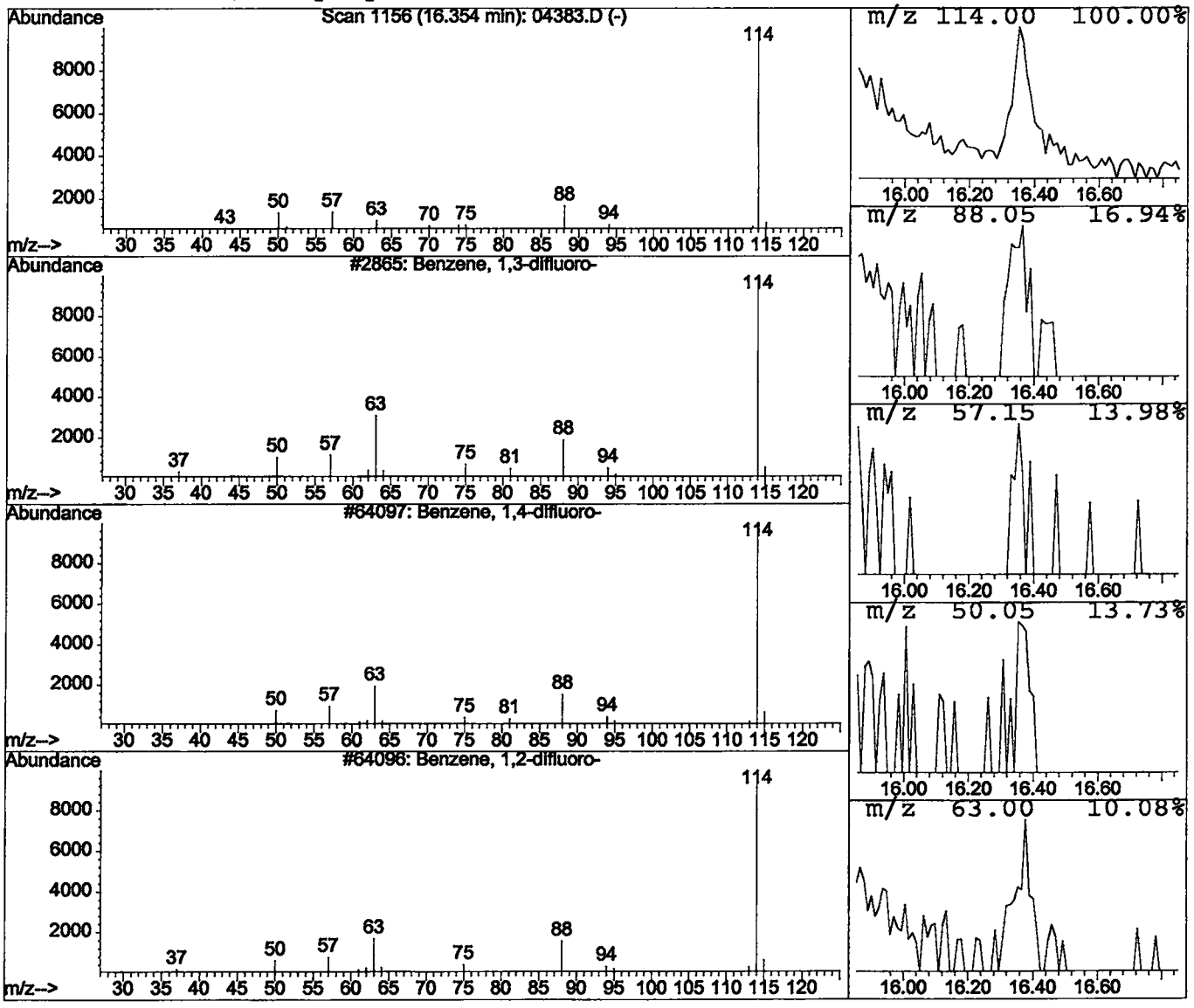
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Benzene, 1,3-difluoro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	0.05 ug/L	14072	1,4-DIFLUOROBENZENE	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	86
2	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	78
3	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	78
4	2-Butanone, ethylhydrazone	114	C6H14N2	016713-35-2	9



User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:31:24

Sample: AE04025
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/2/02 00:02 Ended: 3/5/02 00:02 Analyst: WB
Result source: manual entry
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		6.0		.5
2	Surr_4-BROMOFLUOROBENZE		5.3		.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		4.9		.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: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:31:24

Sample: AE04025
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/2/02 00:02 Ended: 3/5/02 00:02 Analyst: WB
Result source: manual entry
Page: 2

	Component Name	Vial	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

Comments for Sample AE04025 - Analysis $F_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-08-2002 Time: 10:00:43

Four analytes in the QC sample had a high recovery. They are as follows:
2-butanone - 154%; 1,2,4-trichlorobenzene - 140%; naphthalene - 240%;
1,2,3 - trichlorobenzene - 140%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR01\04025F.D Vial: 27
Acq On : 2 Mar 2002 7:47 am Operator:
Sample : nyc fb Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 2 8:26 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 28 12:27:24 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

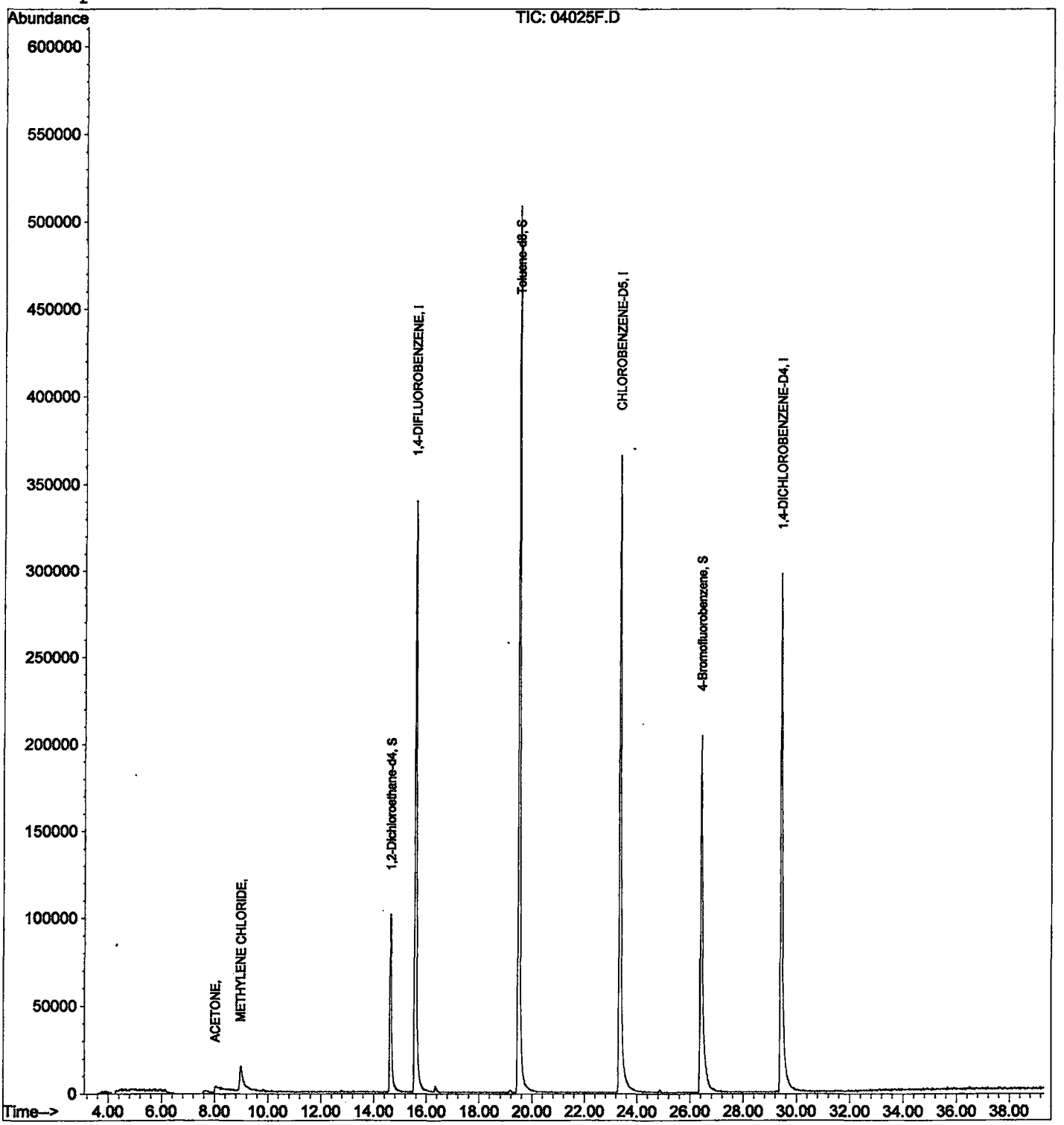
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.58	114	718332	5.00	ug/L	0.00
21) CHLOROBENZENE-D5	23.35	82	355189	5.00	ug/L	0.01
49) 1,4-DICHLOROBENZENE-D4	29.41	152	254956	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	14.64	65	182327	5.98	ug/L	0.00
Spiked Amount 5.000			Recovery = 119.60%			
22) Toluene-d8	19.49	98	881608	4.91	ug/L	0.00
Spiked Amount 5.000			Recovery = 98.20%			
50) 4-Bromofluorobenzene	26.41	95	280600	5.27	ug/L	0.03
Spiked Amount 5.000			Recovery = 105.40%			
Target Compounds						Qvalue
9) ACETONE	8.03	43	17272	21.24	ug/L	82
11) METHYLENE CHLORIDE	8.98	49	40412	0.65	ug/L	85

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04025F.D Vial: 27
Acq On : 2 Mar 2002 7:47 am Operator:
Sample : nyc fb Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 2 8:26 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 28 12:27:24 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04025F.D Vial: 27
Acq On : 2 Mar 2002 7:47 am Operator:
Sample : nyc fb Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

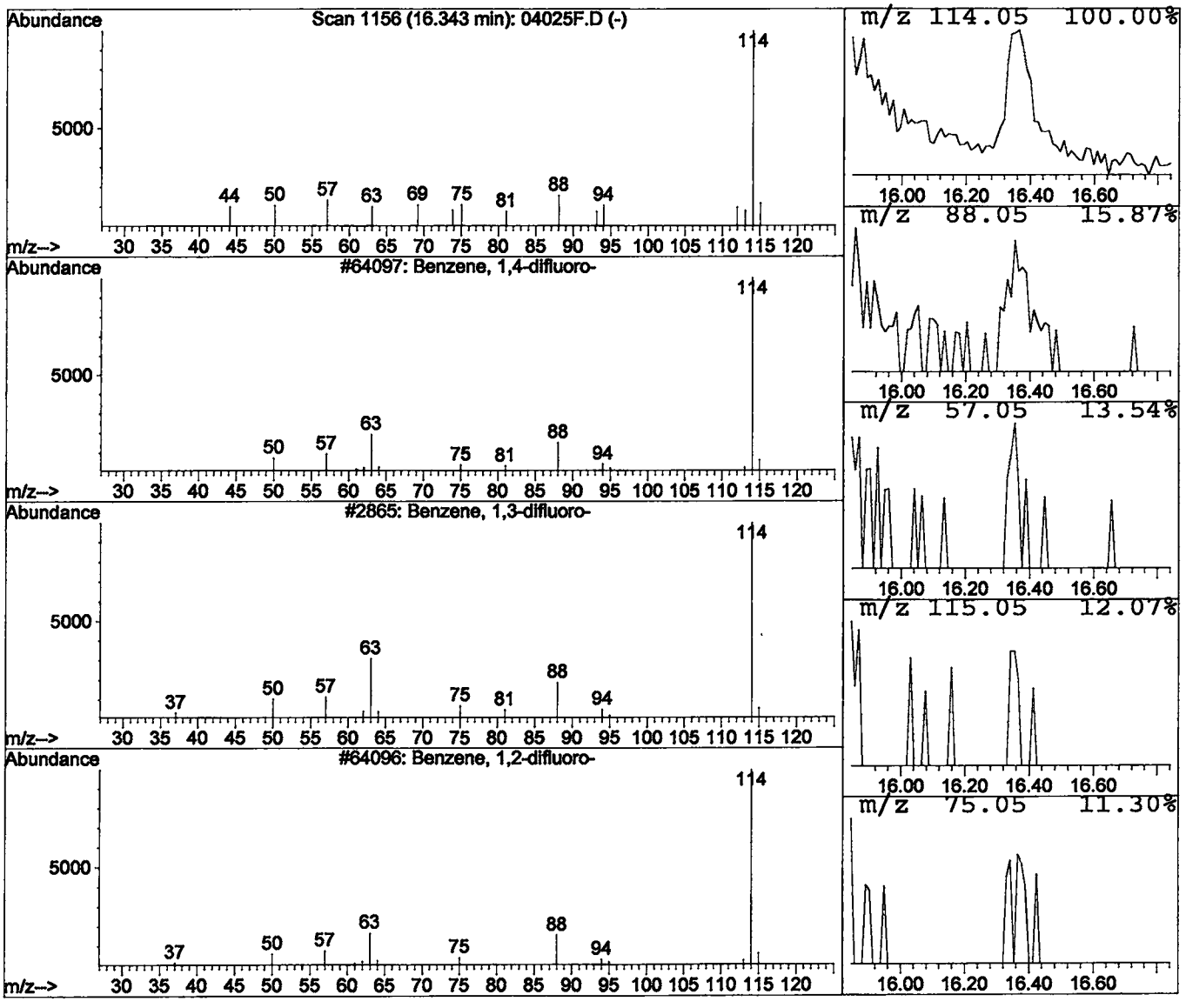
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	0.04 ug/L	12460	1,4-DIFLUOROBENZENE	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	59
2	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	53
3	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	38
4	Methimazole	114	C4H6N2S	000060-56-0	9



User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:31:54

Sample: AE04030
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/2/02 00:02 Ended: 3/5/02 00:02 Analyst: WB
Result source: manual entry
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

Comments for Sample AE04030 - Analysis $F_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-08-2002 Time: 10:00:49

Four analytes in the QC sample had a high recovery. They are as follows:
2-butanone - 154%; 1,2,4-trichlorobenzene - 140%; naphthalene - 240%;
1,2,3 - trichlorobenzene - 140%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR01\04030F.D Vial: 28
Acq On : 2 Mar 2002 8:35 am Operator:
Sample : nyc fb Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 4 10:40 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:20:56 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

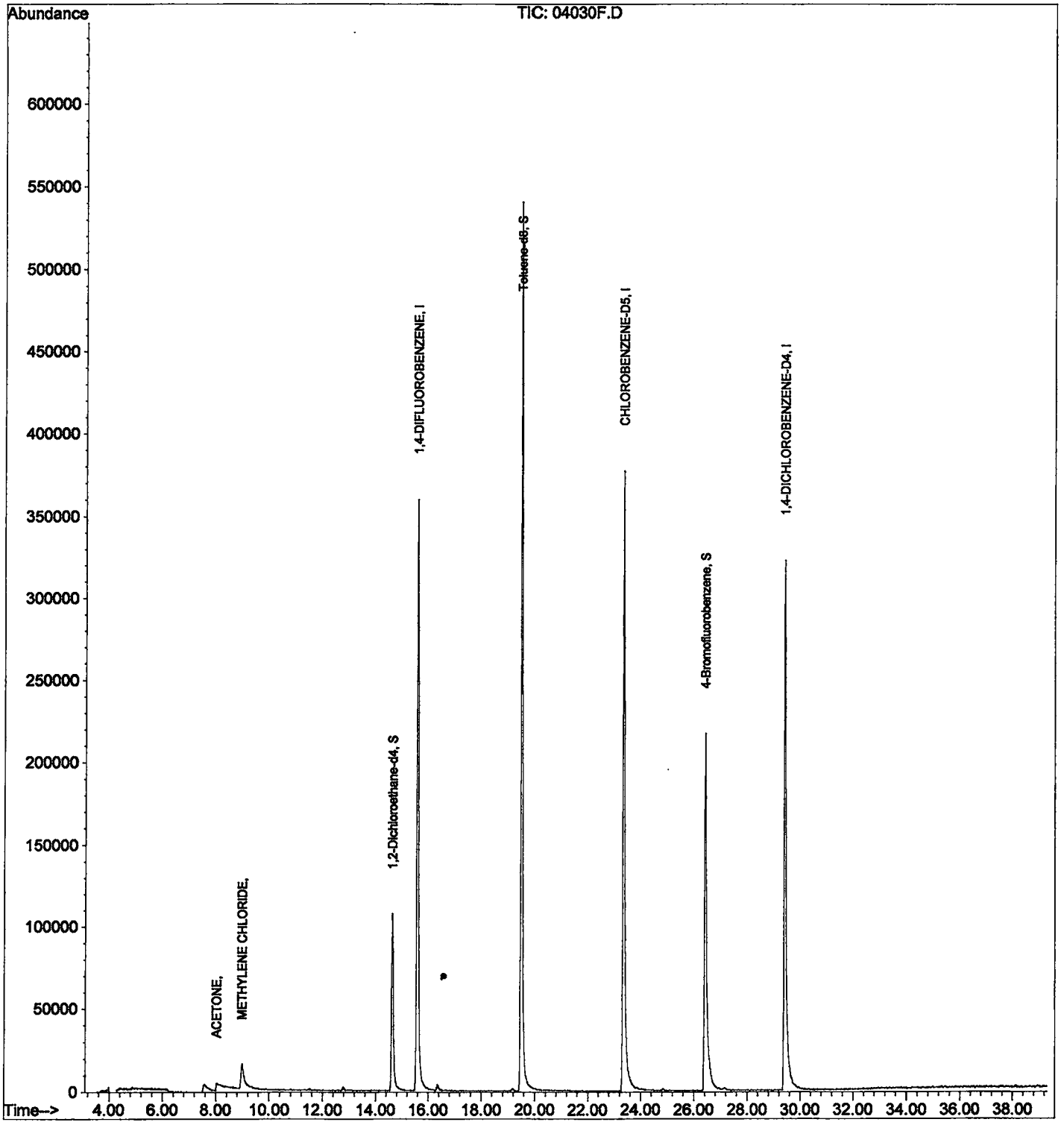
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.58	114	750676	5.00	ug/L	0.00
21) CHLOROBENZENE-D5	23.35	82	365156	5.00	ug/L	0.02
49) 1,4-DICHLOROBENZENE-D4	29.41	152	274501	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	14.63	65	192872	6.05	ug/L	0.00
Spiked Amount 5.000			Recovery = 121.00%			
22) Toluene-d8	19.49	98	926245	5.02	ug/L	0.00
Spiked Amount 5.000			Recovery = 100.40%			
50) 4-Bromofluorobenzene	26.42	95	293043	5.11	ug/L	0.03
Spiked Amount 5.000			Recovery = 102.20%			
Target Compounds						Qvalue
9) ACETONE	8.02	43	14094	16.58	ug/L	80
11) METHYLENE CHLORIDE	8.98	49	39135	0.60	ug/L	93

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04030F.D Vial: 28
Acq On : 2 Mar 2002 8:35 am Operator:
Sample : nyc fb Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 4 10:40 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:20:56 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04030F.D Vial: 28
Acq On : 2 Mar 2002 8:35 am Operator:
Sample : nyc fb Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

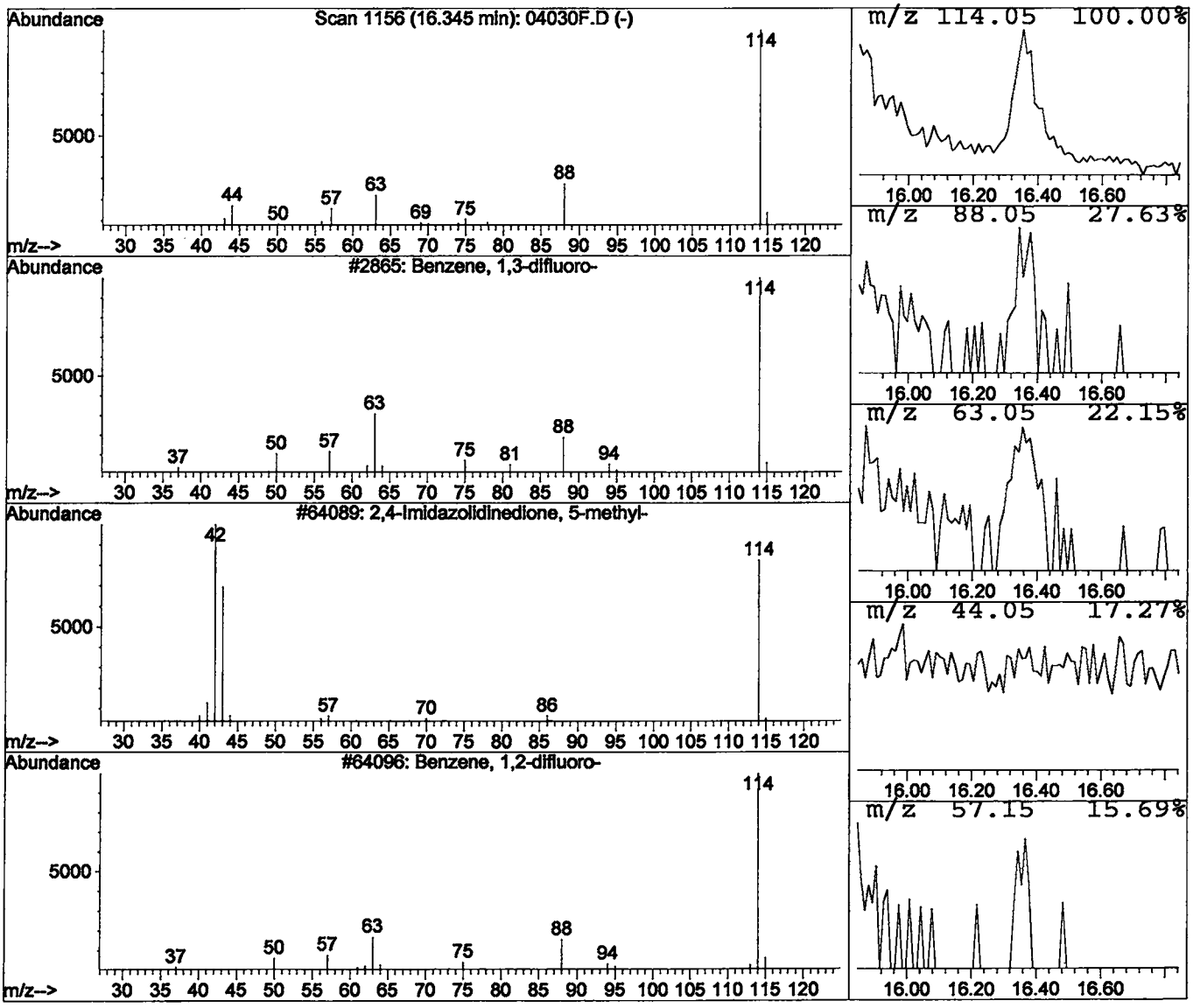
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	0.05 ug/L	15607	1,4-DIFLUOROBENZENE	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	53
2	2,4-Imidazolidinedione, 5-methyl-	114	C4H6N2O2	000616-03-5	47
3	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	45
4	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	9



User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:32:24

Sample: AE04036
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/2/02 00:02 Ended: 3/5/02 00:02 Analyst: WB
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		6.0		.5
2	Surr_4-BROMOFLUOROBENZE		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	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.0		.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: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:32:24

Sample: AE04036
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/2/02 00:02 Ended: 3/5/02 00:02 Analyst: WB
Result source: manual entry
Page: 2

	Component Name	Vial	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

Comments for Sample AE04036 - Analysis $F_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-08-2002 Time: 10:00:56

Four analytes in the QC sample had a high recovery. They are as follows: 2-butanone - 154%; 1,2,4-trichlorobenzene - 140%; naphthalene - 240%; 1,2,3 - trichlorobenzene - 140%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR01\04036F.D Vial: 29
Acq On : 2 Mar 2002 9:23 am Operator:
Sample : nyc fb Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 4 10:43 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:20:56 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

OVCP

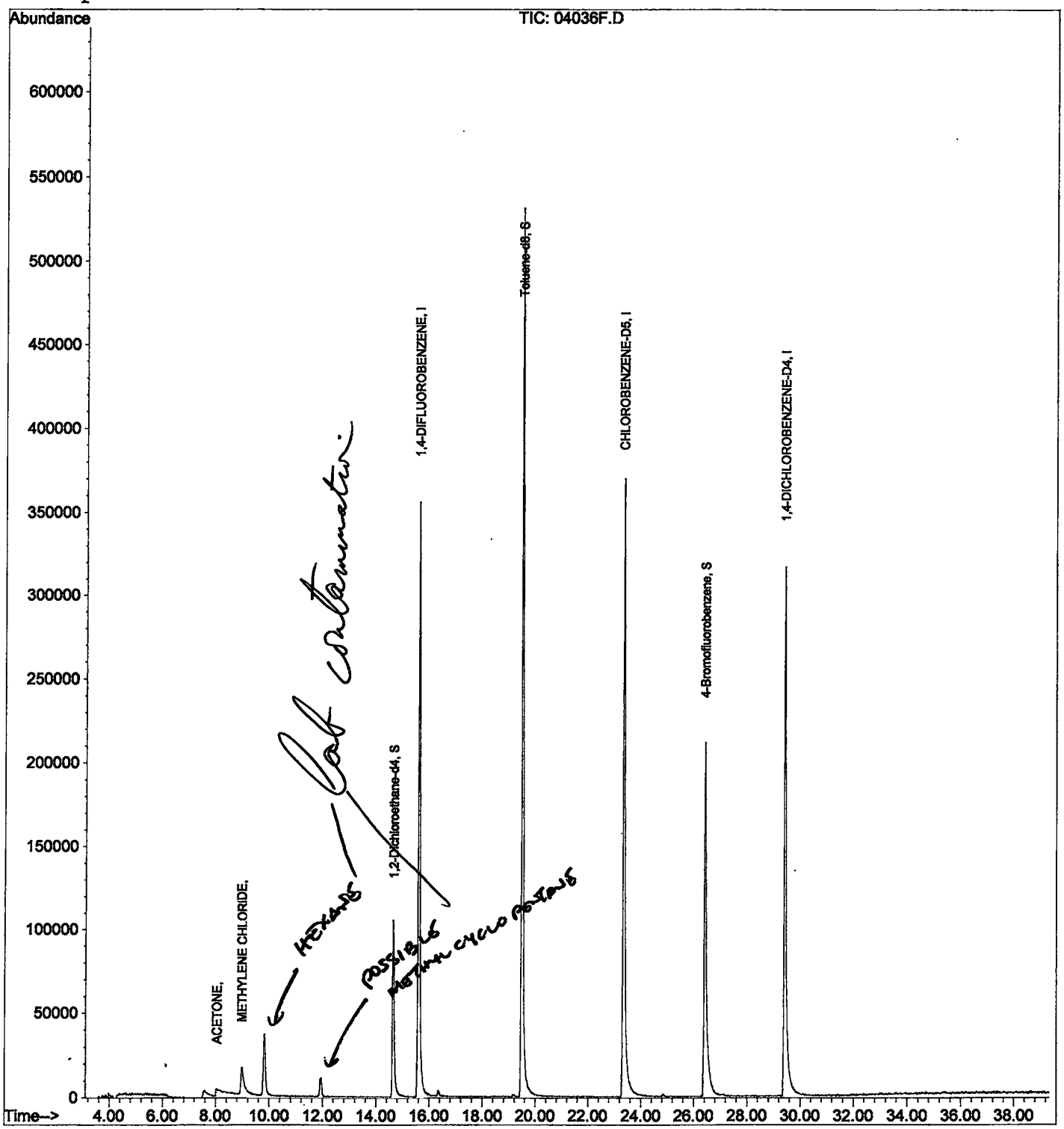
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.58	114	737240	5.00	ug/L	0.00
21) CHLOROBENZENE-D5	23.34	82	361784	5.00	ug/L	0.00
49) 1,4-DICHLOROBENZENE-D4	29.41	152	270536	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	14.64	65	187203	5.98	ug/L	0.00
Spiked Amount 5.000			Recovery =	119.60%		
22) Toluene-d8	19.49	98	919639	5.03	ug/L	0.00
Spiked Amount 5.000			Recovery =	100.60%		
50) 4-Bromofluorobenzene	26.42	95	292038	5.17	ug/L	0.03
Spiked Amount 5.000			Recovery =	103.40%		
Target Compounds						Qvalue
9) ACETONE	8.06	43	33310	39.91	ug/L	90
11) METHYLENE CHLORIDE	8.99	49	41609	0.65	ug/L	93

(#) = qualifier out of range (m) = manual integration
04036F.D HP021102.M Mon Mar 04 10:43:37 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04036F.D Vial: 29
Acq On : 2 Mar 2002 9:23 am Operator:
Sample : nyc fb Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 4 10:43 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:20:56 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04036F.D Vial: 29
Acq On : 2 Mar 2002 9:23 am Operator:
Sample : nyc fb Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

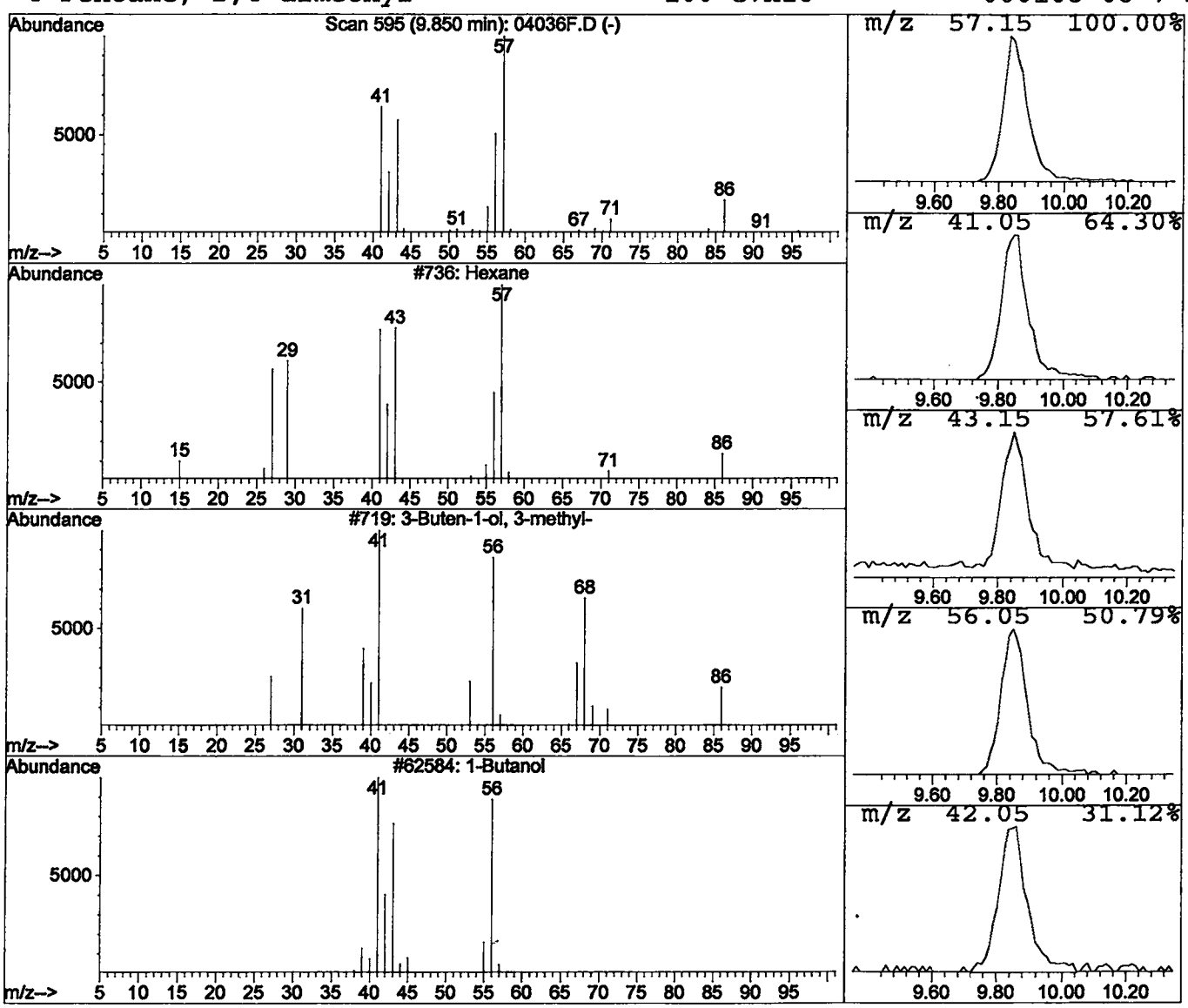
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Hexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	0.63 ug/L	200806	1,4-DIFLUOROBENZENE	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane	86	C6H14	000110-54-3	50
2	3-Buten-1-ol, 3-methyl-	86	C5H10O	000763-32-6	47
3	1-Butanol	74	C4H10O	000071-36-3	40
4	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04036F.D Vial: 29
Acq On : 2 Mar 2002 9:23 am Operator:
Sample : nyc fb Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

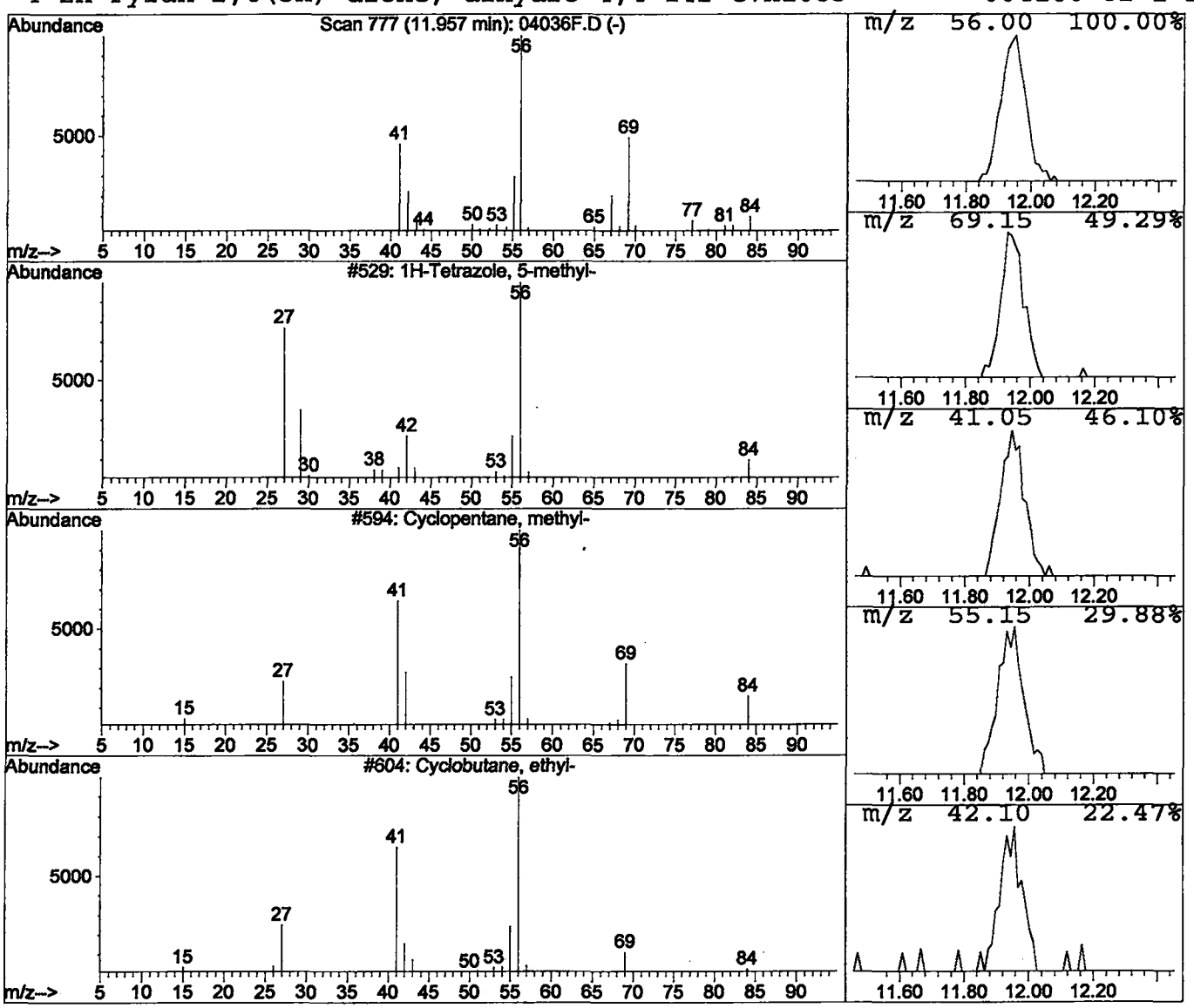
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 1H-Tetrazole, 5-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	0.18 ug/L	59240	1,4-DIFLUOROBENZENE	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	52
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	38
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	28
4	2H-Pyran-2,6(3H)-dione, dihydro-4,4	142	C7H10O3	004160-82-1	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04036F.D Vial: 29
Acq On : 2 Mar 2002 9:23 am Operator:
Sample : nyc fb Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

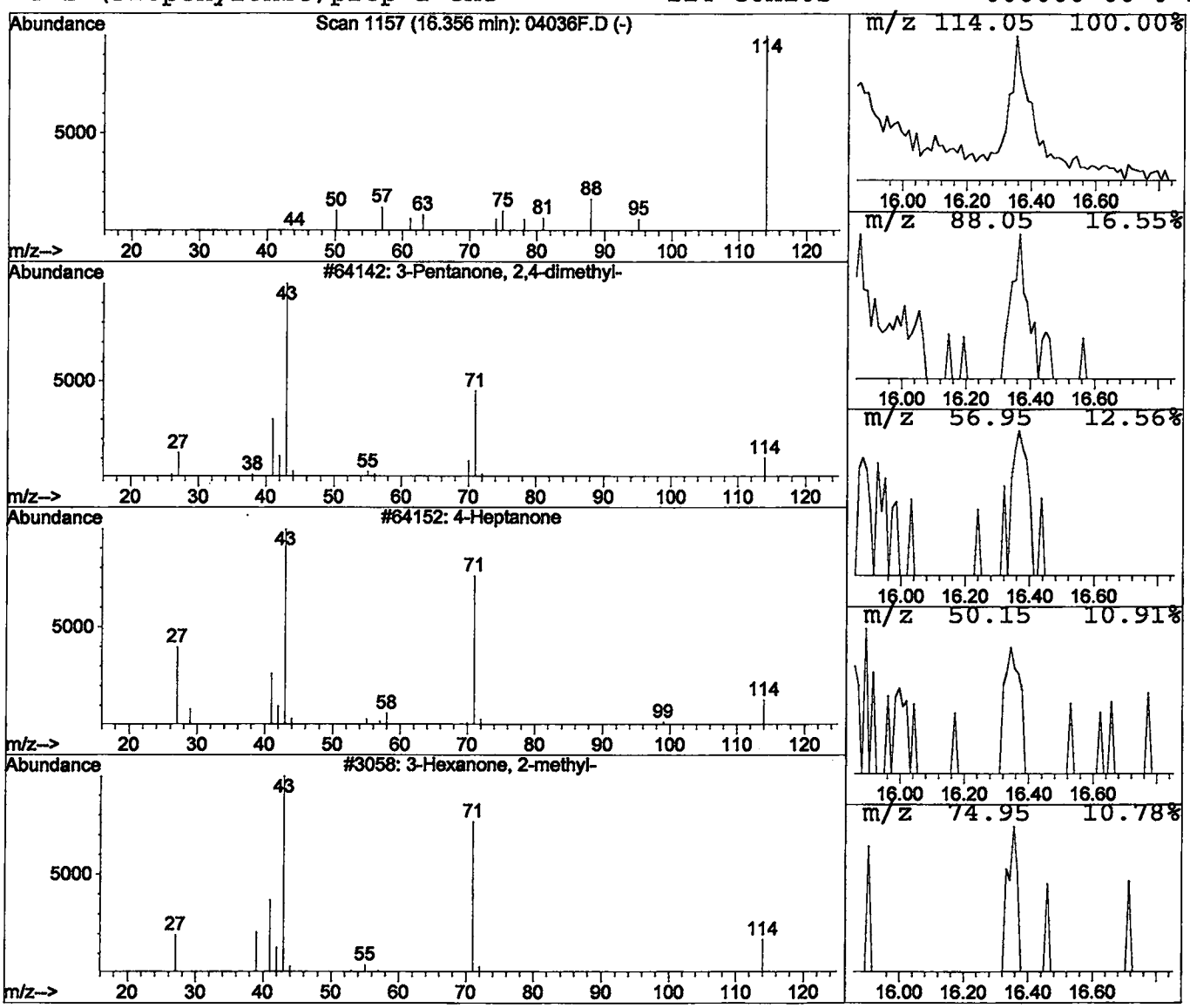
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 3-Pentanone, 2,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	0.04 ug/L	11335	1,4-DIFLUOROBENZENE	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
2	4-Heptanone	114	C7H14O	000123-19-3	3
3	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3
4	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3



User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/06/2002 Time: 10:06:46

Sample: AE04379
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/1/02 10:06 Ended: 3/6/02 10:06 Analyst: WB
Result source: manual entry
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		6.0		.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: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/06/2002 Time: 10:06:46

Sample: AE04379
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 3/1/02 10:06 Ended: 3/6/02 10:06 Analyst: WB
Result source: manual entry
Page: 2

F	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

Comments for Sample AE04379 - Analysis $F_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-08-2002 Time: 10:04:40

Four analytes in the QC sample had a high recovery. They are as follows:
2-butanone - 154%; 1,2,4-trichlorobenzene - 140%; naphthalene - 240%;
1,2,3 - trichlorobenzene - 140%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR01\04379F.D Vial: 30
Acq On : 2 Mar 2002 10:11 am Operator:
Sample : nyc fb Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 4 10:54 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:20:56 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

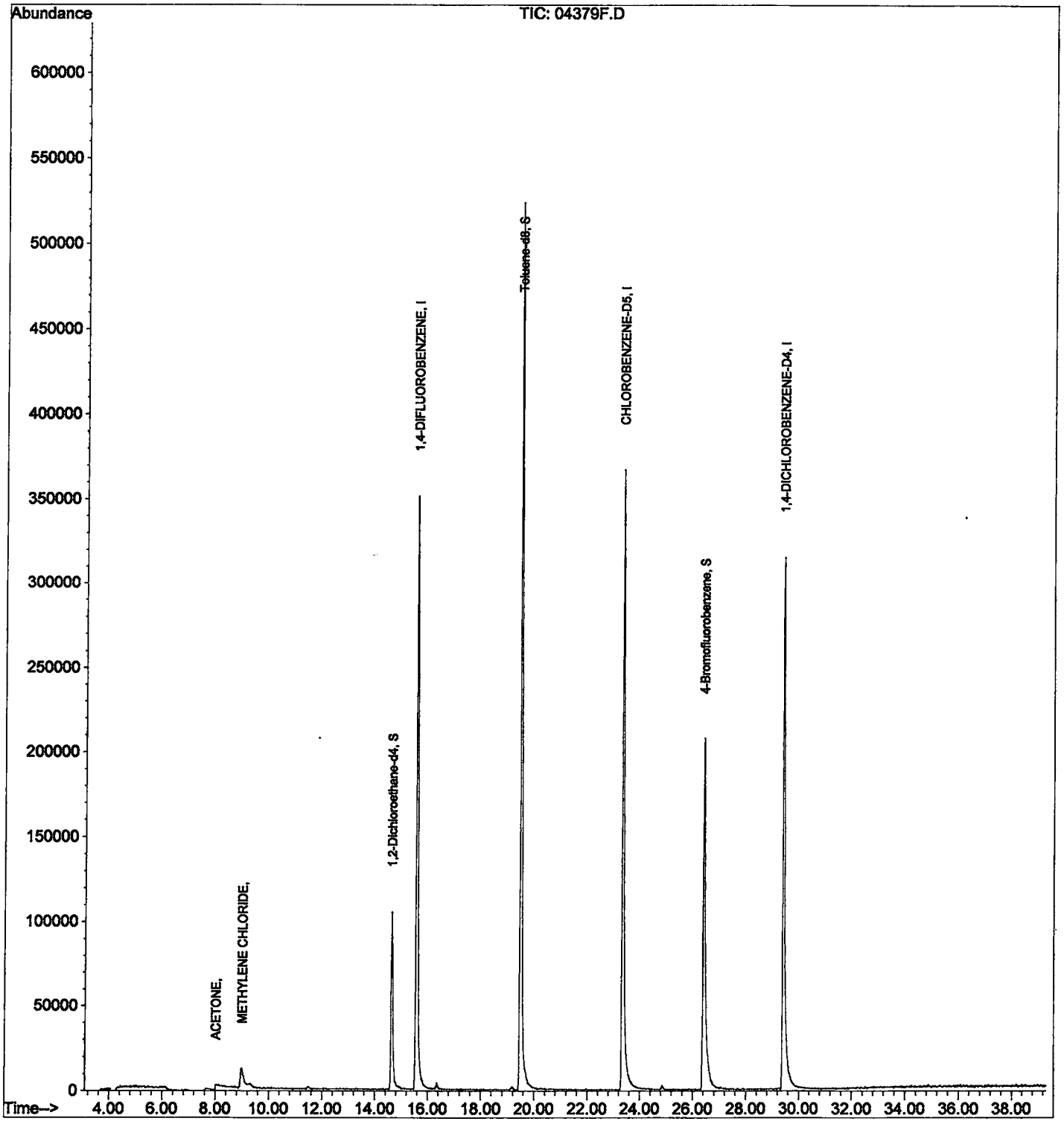
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.58	114	738377	5.00	ug/L	0.00
21) CHLOROBENZENE-D5	23.35	82	355199	5.00	ug/L	0.01
49) 1,4-DICHLOROBENZENE-D4	29.41	152	271021	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	14.63	65	188165	6.01	ug/L	0.00
Spiked Amount 5.000			Recovery = 120.20%			
22) Toluene-d8	19.49	98	908838	5.06	ug/L	0.00
Spiked Amount 5.000			Recovery = 101.20%			
50) 4-Bromofluorobenzene	26.42	95	289385	5.11	ug/L	0.03
Spiked Amount 5.000			Recovery = 102.20%			
Target Compounds						Qvalue
9) ACETONE	8.02	43	7959	9.52	ug/L	79
11) METHYLENE CHLORIDE	9.00	49	38113	0.59	ug/L	84

(#) = qualifier out of range (m) = manual integration
04379F.D HP021102.M Mon Mar 04 10:54:31 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04379F.D Vial: 30
Acq On : 2 Mar 2002 10:11 am Operator:
Sample : nyc fb Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 4 10:54 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:20:56 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR01\04379F.D Vial: 30
Acq On : 2 Mar 2002 10:11 am Operator:
Sample : nyc fb Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

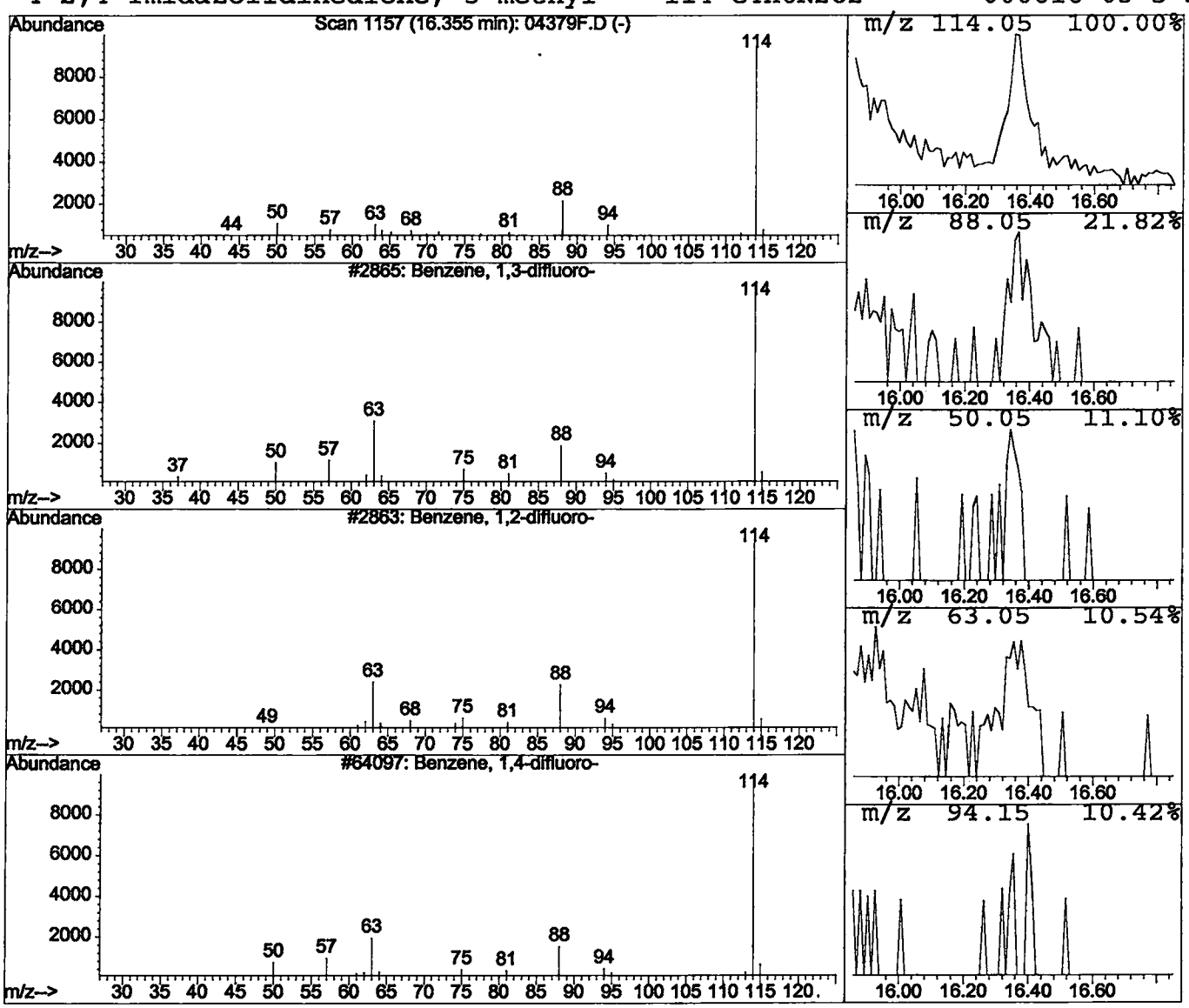
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	0.05 ug/L	15189	1,4-DIFLUOROBENZENE	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	72
2	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	50
3	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	39
4	2,4-Imidazolidinedione, 5-methyl-	114	C4H6N2O2	000616-03-5	37



User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:36:19

Sample: AE04037
Analysis: $C3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 3/2/02 00:00 Ended: 3/5/02 00:00 Analyst: WB
Result source: c:\hpchem\1\data\02mar01\0301c10b.d\0301c10b.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.7		.5
2	Surr_4-BROMOFLUOROBENZE		5.1		.5
3	Dichlorodifluoromethane		7.8		.5
4	Chloromethane		8.3		.5
5	Vinyl chloride		9.9		.5
6	Bromomethane		7.9		.5
7	Chloroethane		8.6		.5
8	Trichlorofluoromethane		12		.5
9	1,1-Dichloroethene		8.1		.5
10	Methylene Chloride		9.4		.5
11	Methyl tert-butyl ether		9.6		1.0
12	trans-1,2-dichloroethene		9.3		.5
13	1,1-dichloroethane		10		.5
14	2-butanone (MEK)		14		2.0
15	[redacted]				
16	cis-1,2-dichloroethene		10		.5
17	Chloroform		10		.5
18	Bromochloromethane		10		.5
19	1,2-dichloroethane		9.8		.5
20	Surr_TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		11		.5
22	1,1-dichloropropene		10		.5
23	Carbon tetrachloride		9.8		.5
24	Benzene		9.6		.5
25	Trichloroethene		10		.5
26	1,2-dichloropropane		10		.5
27	Dibromomethane		9.8		.5
28	Bromodichloromethane		9.7		.5
29	Methyl iso-butyl ketone		8.0		1.0
30	cis-1,3-dichloropropene		8.9		.5
31	Toluene		9.9		.5
32	trans-1,3-dichloropropene		10		.5
33	1,1,2-trichloroethane		9.7		.5
34	Tetrachloroethene		10		.5
35	1,3-dichloropropane		10		.5
36	Dibromochloromethane		8.9		2.0
37	Chlorobenzene		9.9		.5
38	1,1,1,2-tetrachloroethane		9.9		.5
39	Ethylbenzene		11		.5
40	P & M-xylene		20		.5
41	O-xylene		10		.5
42	Styrene		9.3		.5
43	1,1,2,2-tetrachloroethane		9.2		.5
44	Bromoform		8.6		2.0
45	Isopropylbenzene		10		.5
46	1,2,3-trichloropropane		10		.5
47	N-propylbenzene		9.7		.5
48	Bromobenzene		10		.5

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/05/2002 Time: 08:36:19

Sample: AE04037
Analysis: $C3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 3/2/02 00:00 Ended: 3/5/02 00:00 Analyst: WB
Result source: c:\hpchem\1\data\02mar01\0301c10b.d\0301c10b.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		10		.5
50	2-chlorotoluene		10		.5
51	4-chlorotoluene		10		.5
52	TERT-butylbenzene		10		.5
53	1,2,4-trimethylbenzene		9.3		.5
54	SEC-butylbenzene		10		.5
55	P-isopropyltoluene		10		.5
56	1,3-dichlorobenzene		10		.5
57	1,4-dichlorobenzene		9.9		.5
58	N-butylbenzene		9.8		.5
59	1,2-dichlorobenzene		10		.5
60	1,2,4-trichlorobenzene		7.7		.5
61	Hexachlobutadiene		10		.5
62	Naphthalene		8.4		.5
63	1,2,3-trichlorobenzene		7.7		.5
64	Nitrobenzene		140		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR01\0301C10B.D Vial: 31
Acq On : 2 Mar 2002 10:59 am Operator:
Sample : cal 10 Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 5 8:34 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 04 11:29:42 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.58	114	692765	5.00	ug/L	0.00
21) CHLOROBENZENE-D5	23.34	82	334708	5.00	ug/L	0.00
49) 1,4-DICHLOROBENZENE-D4	29.39	152	282197	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	14.63	65	168240	5.72	ug/L	0.00
Spiked Amount 5.000			Recovery = 114.40%			
22) Toluene-d8	19.49	98	869855	5.14	ug/L	0.00
Spiked Amount 5.000			Recovery = 102.80%			
50) 4-Bromofluorobenzene	26.39	95	299709	5.08	ug/L	0.00
Spiked Amount 5.000			Recovery = 101.60%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	4.21	85	270165	7.77	ug/L	98
4) CHLOROMETHANE	4.85	50	324302	8.28	ug/L	97
5) VINYL CHLORIDE	4.89	62	494203	9.92	ug/L	99
6) BROMOMETHANE	5.75	96	250682	7.92	ug/L	98
7) CHLOROETHANE	5.87	64	262322	8.55	ug/L	98
8) TRICHLOROFLUOROMETHANE	6.40	101	566914	12.43	ug/L	99
10) 1,1-DICHLOROETHENE	7.79	61	524397	8.13	ug/L	91
11) METHYLENE CHLORIDE	8.98	49	562864	9.36	ug/L	90
12) METHYL TERT BUTYL ETHER	9.29	73	779320	9.58	ug/L	98
13) TRANS-1,2-DICHLOROETHENE	9.73	61	615128	9.35	ug/L	93
14) 1,1-DICHLOROETHANE	10.81	63	797422	9.98	ug/L	98
15) 2-BUTANONE (MEK)	12.25	43	37006	14.05	ug/L	97
16) 2,2-DICHLOROPROPANE	12.26	77	392788	6.73	ug/L	97
17) CIS-1,2-DICHLOROETHENE	12.40	61	637994	10.19	ug/L	92
18) CHLOROFORM	12.79	83	767784	10.03	ug/L	99
19) BROMOCHLOROMETHANE	13.25	49	296000	10.18	ug/L	93
20) 1,2-DICHLOROETHANE	16.90	62	322603	9.79	ug/L	98
23) 1,1,1-TRICHLOROETHANE	13.82	97	604444	10.58	ug/L	99
24) 1,1-DICHLOROPROPENE	14.22	75	614174	10.13	ug/L	98
25) CARBON TETRACHLORIDE	14.49	117	413730	9.78	ug/L	100
26) BENZENE	14.92	77	476056	9.56	ug/L	96
27) TRICHLOROETHENE	16.47	95	470055	9.98	ug/L	99
28) 1,2-DICHLOROPROPANE	16.90	63	461053	10.18	ug/L	99
29) DIBROMOMETHANE	17.67	174	142257	9.84	ug/L	93
30) BROMODICHLOROMETHANE	17.50	83	444502	9.66	ug/L	98
31) 2-CHLOROETHYL VINYL ETHER	19.69	63	166532	10.87	ug/L	90
32) METHYL ISO-BUTYL KETONE	18.32	58	48354	8.04	ug/L	77

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR01\0301C10B.D Vial: 31
Acq On : 2 Mar 2002 10:59 am Operator:
Sample : cal 10 Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 5 8:34 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Mar 04 11:29:42 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

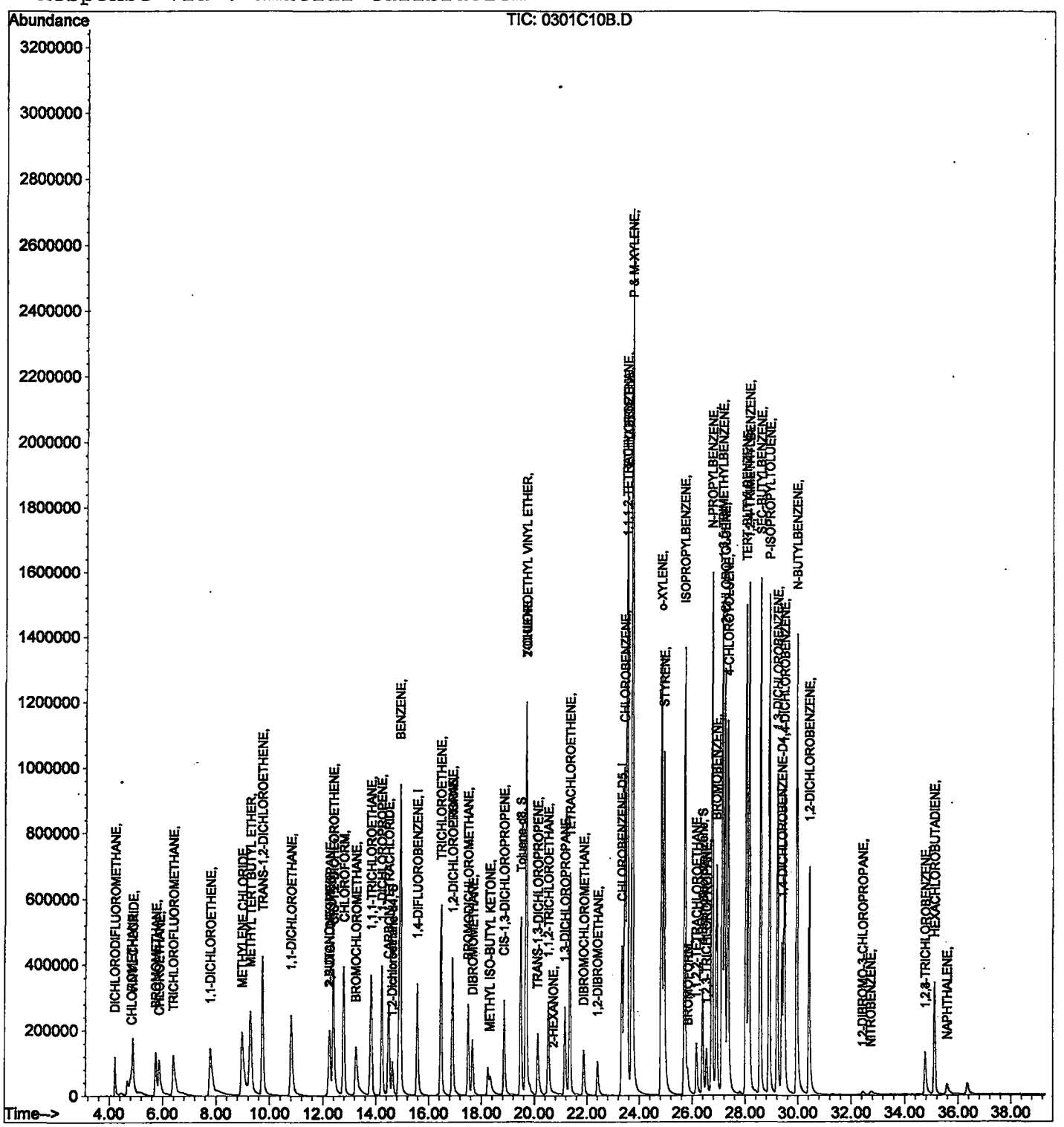
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33)	CIS-1,3-DICHLOROPROPENE	18.86	75	537413	8.87	ug/L	99
34)	TOLUENE	19.69	92	1294195	9.93	ug/L	99
35)	TRANS-1,3-DICHLOROPROPENE	20.13	75	350691	10.50	ug/L	98
36)	1,1,2-TRICHLOROETHANE	20.52	97	252642	9.66	ug/L	97
37)	TETRACHLOROETHENE	21.36	166	430862	10.21	ug/L	95
38)	1,3-DICHLOROPROPANE	21.16	76	483643	10.27	ug/L	99
39)	DIBROMOCHLOROMETHANE	21.88	129	186759	8.92	ug/L	98
40)	1,2-DIBROMOETHANE	22.41	107	203976	9.75	ug/L	98
41)	CHLOROBENZENE	23.43	114	417352	9.93	ug/L	95
42)	1,1,1,2-TETRACHLOROETHANE	23.51	131	337749	9.94	ug/L	97
43)	2-HEXANONE	20.72	43	30213	9.36	ug/L	77
44)	ETHYLBENZENE	23.53	91	2455360	10.63	ug/L	98
45)	P & M-XYLENE	23.72	106	1953367	20.25	ug/L	97
46)	o-XYLENE	24.83	91	1916379	10.33	ug/L	98
47)	STYRENE	24.93	104	1469115	9.29	ug/L	99
48)	1,1,2,2-TETRACHLOROETHANE	26.16	83	223369	9.16	ug/L	92
51)	BROMOFORM	25.85	173	61806	8.55	ug/L	96
52)	ISOPROPYLBENZENE	25.72	105	2300606m	10.49	ug/L	NOT INTEGRATED BY SOFTWARE
53)	1,2,3-TRICHLOROPROPANE	26.54	75	145975	10.41	ug/L	100
54)	N-PROPYLBENZENE	26.74	120	664561	9.67	ug/L	90
55)	BROMOBENZENE	26.91	77	812640	10.10	ug/L	97
56)	1,3,5-TRIMETHYLBENZENE	27.13	105	2028549	10.28	ug/L	98
57)	2-CHLOROTOLUENE	27.23	91	1909780	10.41	ug/L	99
58)	4-CHLOROTOLUENE	27.34	91	1828444	10.02	ug/L	99
59)	TERT-BUTYLBENZENE	28.04	134	425224	10.06	ug/L	99
60)	1,2,4-TRIMETHYLBENZENE	28.14	120	982878	9.29	ug/L	95
61)	SEC-BUTYLBENZENE	28.58	134	509389	10.09	ug/L	99
62)	P-ISOPROPYLTOLUENE	28.92	134	558253	10.09	ug/L	99
63)	1,3-DICHLOROBENZENE	29.22	146	927770	10.10	ug/L	97
64)	1,4-DICHLOROBENZENE	29.47	146	935964	9.92	ug/L	100
65)	N-BUTYLBENZENE	29.96	134	509324	9.77	ug/L	99
66)	1,2-DICHLOROBENZENE	30.43	146	733989	10.22	ug/L	99
67)	1,2-DIBROMO-3-CHLOROPROPAN	32.44	75	13268	8.11	ug/L	98
68)	1,2,4-TRICHLOROBENZENE	34.77	180	125701	7.68	ug/L	94
69)	HEXACHLOROBUTADIENE	35.12	225	158072	10.00	ug/L	93
70)	NAPHTHALENE	35.60	128	109031	8.37	ug/L	100
71)	1,2,3-TRICHLOROBENZENE	34.77	180	125701	7.68	ug/L	94
73)	NITROBENZENE	32.75	77	30769	140.71	ug/L	97

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR01\0301C10B.D Vial: 31
Acq On : 2 Mar 2002 10:59 am Operator:
Sample : cal 10 Inst : 210
Misc : March 1, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 5 8:34 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 28 12:27:24 2002
Response via : Initial Calibration



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 03/08/2002 Time: 10:12:00

Sample: AE04037
Analysis: SB2524 Volatile Organic Compounds-Blank
Units: ug
Started: 03/05/02 09:44 Ended: 03/06/02 09:44 Analyst: WB
Result source: manual entry
Page: 1

	Component Name	Vlol	Result
1	Surr - 1,2-DICHLOROETHANE-D		5.8
2	Surr - 4-BROMOFLUOROBENZE		5.4
3	DICHLORODIFLUOROMETHANE		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		not analyzed
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		< MDL
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHENE		< 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		4.7
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 ETHER		< MDL
31	MIBK		< MDL
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPENE		< 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-TETRACHLOROETHANE		< 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-TETRACHLOROETHANE		< MDL

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 03/08/2002 Time: 10:12:00

Sample: AE04037
Analysis: SB2524 Volatile Organic Compounds-Blank
Units: ug
Started: 03/05/02 09:44 Ended: 03/06/02 09:44 Analyst: WB
Result source: manual entry
Page: 2

	Component Name	Viol	Result
48	BROMOFORM		< MDL
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-CHLOROPROPA		< MDL
65	1,2,4-TRICHLOROBENZENE		< MDL
66	HEXACHLOROBUTADIENE		< MDL
67	NAPHTHALENE		< MDL
68	1,2,3-TRICHLOROBENZENE		< MDL
69	ETHANOL		< MDL
70	NITROBENZENE		< MDL

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar05\0305B1.D Vial: 1
Acq On : 5 Mar 2002 8:29 am Operator:
Sample : lab blank 1 Inst : 210
Misc : March 5, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 5 9:08 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 28 12:27:24 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

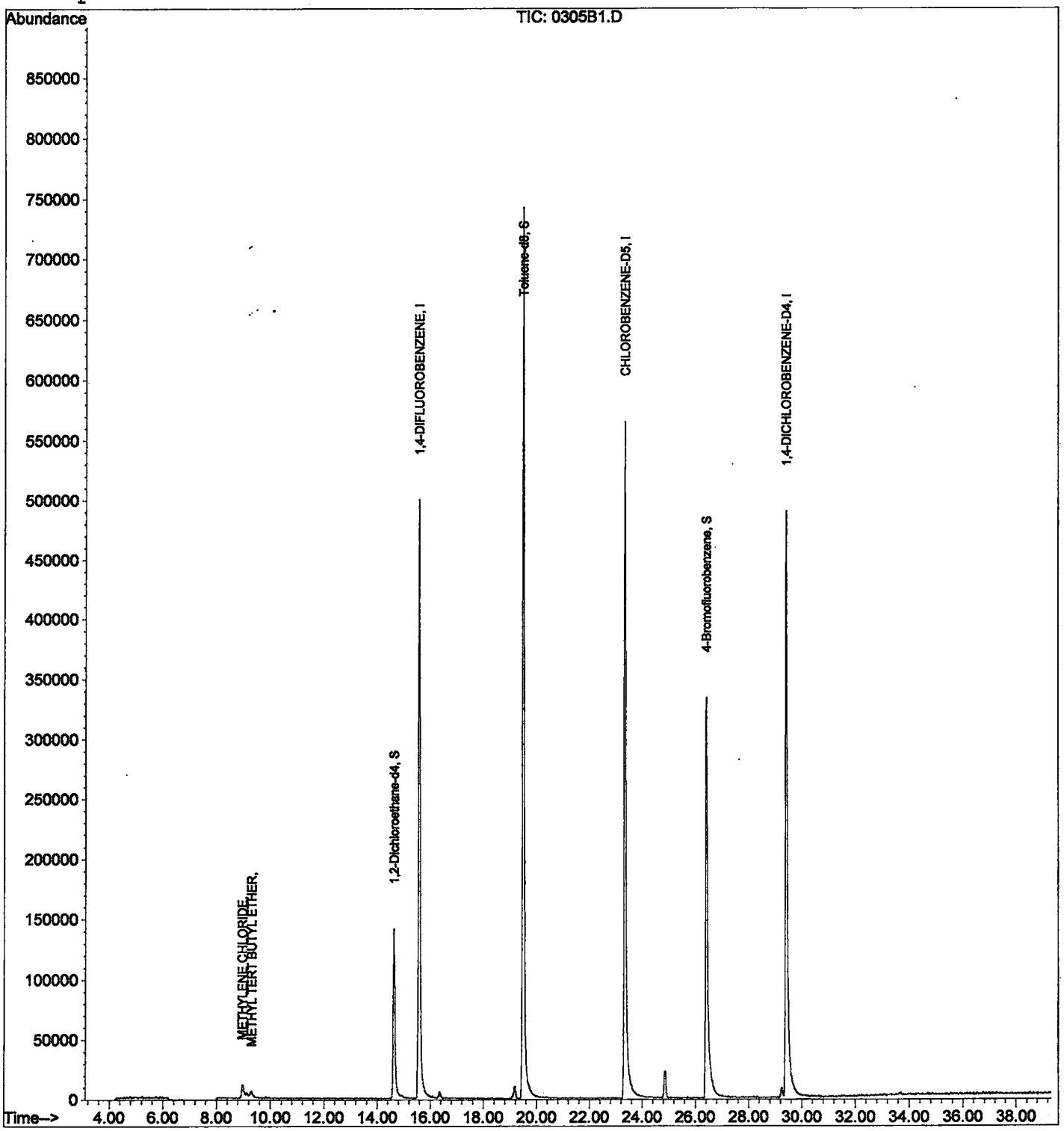
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.58	114	1034064	5.00	ug/L	0.00
21) CHLOROBENZENE-D5	23.35	82	539264	5.00	ug/L	0.01
49) 1,4-DICHLOROBENZENE-D4	29.41	152	396089	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	14.64	65	253989	5.79	ug/L	0.00
Spiked Amount 5.000			Recovery = 115.80%			
22) Toluene-d8	19.49	98	1288727	4.73	ug/L	0.00
Spiked Amount 5.000			Recovery = 94.60%			
50) 4-Bromofluorobenzene	26.41	95	442985	5.35	ug/L	0.03
Spiked Amount 5.000			Recovery = 107.00%			
Target Compounds						Qvalue
11) METHYLENE CHLORIDE	8.97	49	23163	0.26	ug/L	85
12) METHYL TERT BUTYL ETHER	9.32	73	12568	0.10	ug/L	98

(#) = qualifier out of range (m) = manual integration
0305B1.D HP021102.M Tue Mar 05 09:09:13 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar05\0305B1.D Vial: 1
Acq On : 5 Mar 2002 8:29 am Operator:
Sample : lab blank 1 Inst : 210
Misc : March 5, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 5 9:08 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 28 12:27:24 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR05\0305B1.D Vial: 1
Acq On : 5 Mar 2002 8:29 am Operator:
Sample : lab blank 1 Inst : 210
Misc : March 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

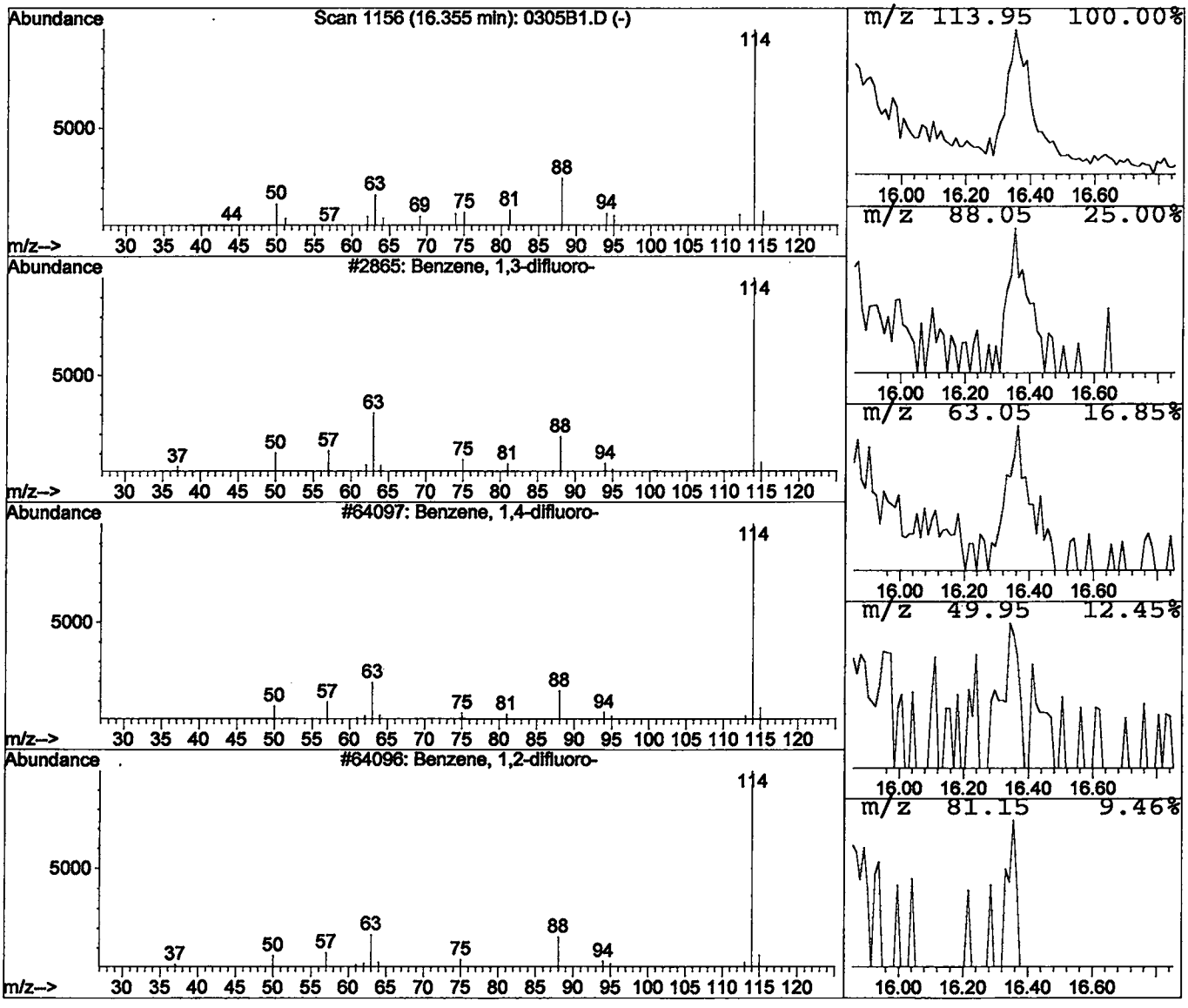
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	0.06 ug/L	28552	1,4-DIFLUOROBENZENE	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	83
2	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	64
3	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	64
4	Methimazole	114	C4H6N2S	000060-56-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR05\0305B1.D Vial: 1
Acq On : 5 Mar 2002 8:29 am Operator:
Sample : lab blank 1 Inst : 210
Misc : March 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

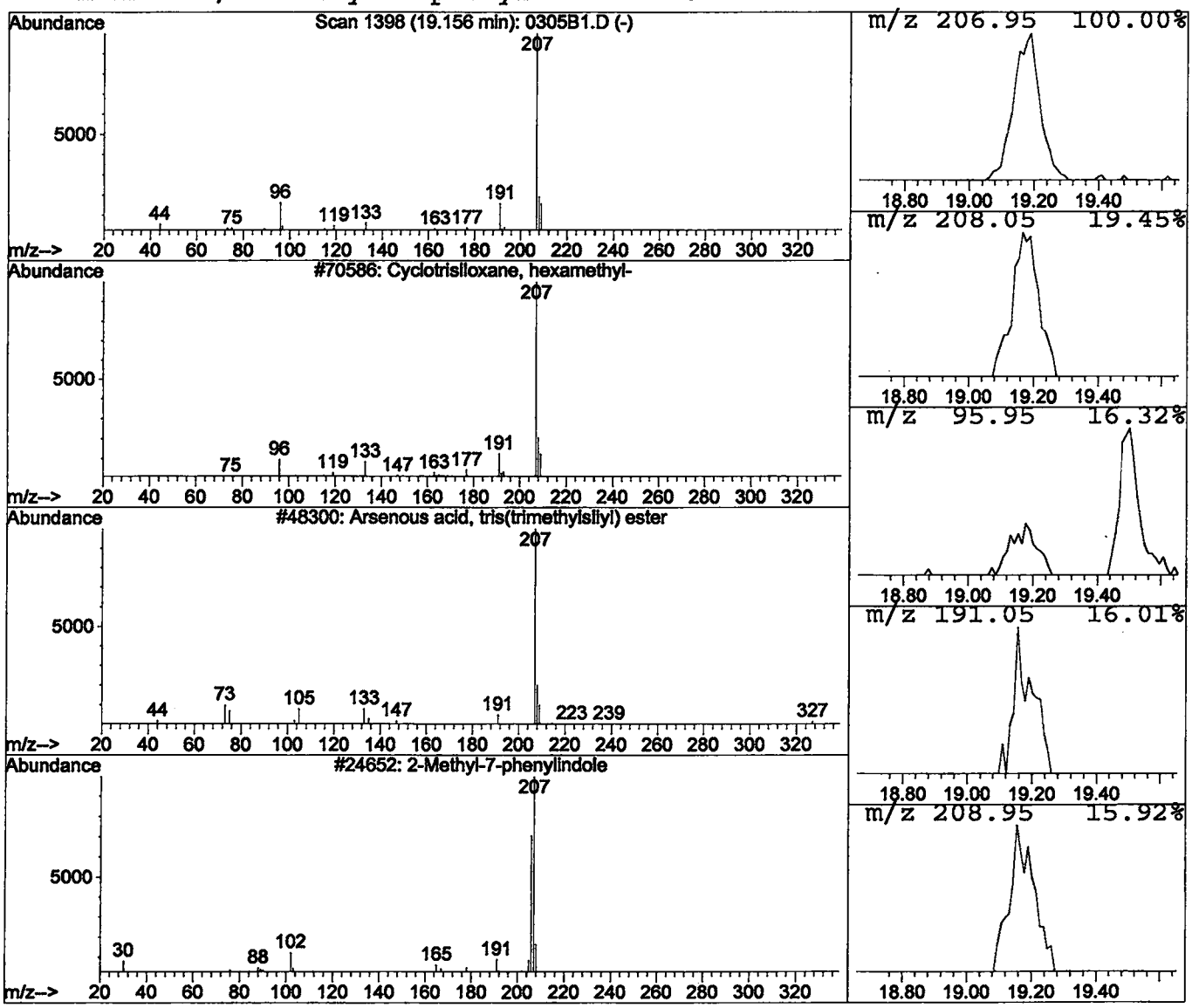
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	0.07 ug/L	31478	1,4-DIFLUOROBENZENE	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	83
2	Arsenous acid, tris(trimethylsilyl)	342	C9H27AsO3Si3	055429-29-3	38
3	2-Methyl-7-phenylindole	207	C15H13N	000000-00-0	36
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR05\0305B1.D Vial: 1
Acq On : 5 Mar 2002 8:29 am Operator:
Sample : lab blank 1 Inst : 210
Misc : March 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

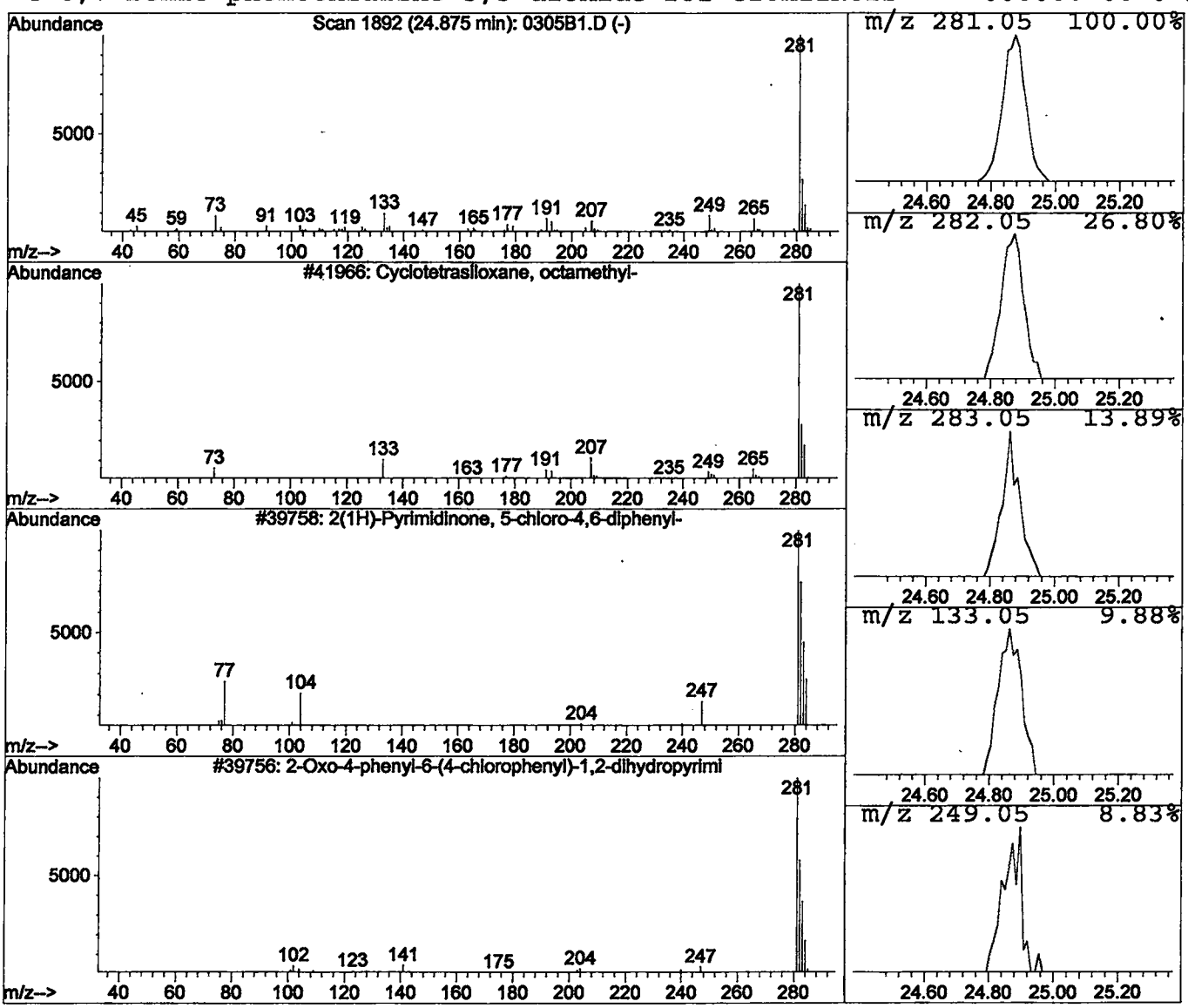
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.88	0.22 ug/L	116173	CHLOROBENZENE-D5	23.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	64
2	2(1H)-Pyrimidinone, 5-chloro-4,6-di	282	C16H11ClN2O	028567-83-1	9
3	2-Oxo-4-phenyl-6-(4-chlorophenyl)-1	282	C16H11ClN2O	000000-00-0	9
4	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9



User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/06/2002 Time: 09:56:59

Sample: AE04037
Analysis: $C4524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 3/5/02 00:09 Ended: 3/6/02 00:09 Analyst: WB
Result source: c:\hpchem\1\data\02mar05\0305c10.d\0305c10.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.6		.5
2	Surr_4-BROMOFLUOROBENZE		5.1		.5
3	Dichlorodifluoromethane		11		.5
4	Chloromethane		10		.5
5	Vinyl chloride		11		.5
6	Bromomethane		8.7		.5
7	Chloroethane		11		.5
8	Trichlorofluoromethane		13		.5
9	1,1-Dichloroethene		11		.5
10	Methylene Chloride		12		.5
11	Methyl tert-butyl ether		9.7		1.0
12	trans-1,2-dichloroethene		11		.5
13	1,1-dichloroethane		11		.5
14	2-butanone (MEK)		9.8		2.0
15	2,2-dichloropropane		12		.5
16	cis-1,2-dichloroethene		11		.5
17	Chloroform		11		.5
18	Bromochloromethane		11		.5
19	1,2-dichloroethane		10		.5
20	Surr_TOLUENE-D8		4.8		.5
21	1,1,1- trichloroethane		11		.5
22	1,1-dichloropropene		10		.5
23	Carbon tetrachloride		10		.5
24	Benzene		9.4		.5
25	Trichloroethene		9.8		.5
26	1,2-dichloropropane		9.8		.5
27	Dibromomethane		9.3		.5
28	Bromodichloromethane		9.7		.5
29	Methyl iso-butyl ketone		8.9		1.0
30	cis-1,3-dichloropropene		9.7		.5
31	Toluene		9.6		.5
32	trans-1,3-dichloropropene		12		.5
33	1,1,2-trichloroethane		9.1		.5
34	Tetrachloroethene		10		.5
35	1,3-dichloropropane		9.9		.5
36	Dibromochloromethane		9.4		2.0
37	Chlorobenzene		9.6		.5
38	1,1,1,2-tetrachloroethane		9.7		.5
39	Ethylbenzene		10		.5
40	P & M-xylene		20		.5
41	O-xylene		10		.5
42	Styrene		9.0		.5
43	1,1,2,2-tetrachloroethane		9.0		.5
44	Bromoform		9.9		2.0
45	Isopropylbenzene		10		.5
46	1,2,3-trichloropropane		10		.5
47	N-propylbenzene		9.3		.5
48	Bromobenzene		9.6		.5

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/06/2002 Time: 09:56:59

Sample: AE04037
Analysis: $C4524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 3/5/02 00:09 Ended: 3/6/02 00:09 Analyst: WB
Result source: c:\hpchem\1\data\02mar05\0305c10.d\0305c10.rr
Page: 2

	Component Name	Vial	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		9.9		.5
50	2-chlorotoluene		10		.5
51	4-chlorotoluene		9.7		.5
52	TERT-butylbenzene		9.6		.5
53	1,2,4-trimethylbenzene		8.8		.5
54	SEC-butylbenzene		9.7		.5
55	P-isopropyltoluene		9.7		.5
56	1,3-dichlorobenzene		9.6		.5
57	1,4-dichlorobenzene		9.5		.5
58	N-butylbenzene		9.8		.5
59	1,2-dichlorobenzene		9.4		.5
60	1,2,4-trichlorobenzene		8.0		.5
61	Hexachlobutadiene		10		.5
62	Naphthalene		7.1		.5
63	1,2,3-trichlorobenzene		8.0		.5
64	Nitrobenzene		170		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR05\0305C10.D Vial: 2
Acq On : 5 Mar 2002 9:17 am Operator:
Sample : cal 10 Inst : 210
Misc : March 5, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 5 15:36 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 28 12:27:24 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.58	114	1020588	5.00	ug/L	0.00
21) CHLOROBENZENE-D5	23.34	82	531204	5.00	ug/L	0.00
49) 1,4-DICHLOROBENZENE-D4	29.39	152	458256	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	14.63	65	244195	5.64	ug/L	0.00
Spiked Amount 5.000			Recovery = 112.80%			
22) Toluene-d8	19.49	98	1301366	4.85	ug/L	0.00
Spiked Amount 5.000			Recovery = 97.00%			
50) 4-Bromofluorobenzene	26.39	95	485617	5.07	ug/L	0.00
Spiked Amount 5.000			Recovery = 101.40%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	4.22	85	762755	11.42	ug/L	100
4) CHLOROMETHANE	4.83	50	580584	10.06	ug/L	97
5) VINYL CHLORIDE	4.90	62	799761	10.96	ug/L	95
6) BROMOMETHANE	5.75	96	408058	8.75	ug/L	98
7) CHLOROETHANE	5.88	64	519678	11.50	ug/L	96
8) TRICHLOROFLUOROMETHANE	6.40	101	869370	12.94	ug/L	100
9) ACETONE	8.10	43	11286m	9.77	ug/L	
10) 1,1-DICHLOROETHENE	7.80	61	1035781	10.90	ug/L	93
11) METHYLENE CHLORIDE	8.98	49	1068348	12.05	ug/L	93
12) METHYL TERT BUTYL ETHER	9.29	73	1165201	9.72	ug/L	98
13) TRANS-1,2-DICHLOROETHENE	9.73	61	1035075	10.67	ug/L	92
14) 1,1-DICHLOROETHANE	10.82	63	1265977	10.76	ug/L	99
15) 2-BUTANONE (MEK)	12.12	43	27397	9.79	ug/L	95
16) 2,2-DICHLOROPROPANE	12.26	77	1018621	11.84	ug/L	98
17) CIS-1,2-DICHLOROETHENE	12.40	61	998196	10.82	ug/L	92
18) CHLOROFORM	12.79	83	1187230	10.53	ug/L	100
19) BROMOCHLOROMETHANE	13.25	49	467803	10.92	ug/L	94
20) 1,2-DICHLOROETHANE	16.91	62	500196	10.31	ug/L	100
23) 1,1,1-TRICHLOROETHANE	13.83	97	959738	10.59	ug/L	100
24) 1,1-DICHLOROPROPENE	14.24	75	1002077	10.41	ug/L	98
25) CARBON TETRACHLORIDE	14.50	117	694235	10.35	ug/L	98
26) BENZENE	14.93	77	743895	9.42	ug/L	97
27) TRICHLOROETHENE	16.47	95	734106	9.82	ug/L	99
28) 1,2-DICHLOROPROPANE	16.91	63	702232	9.77	ug/L	99
29) DIBROMOMETHANE	17.68	174	213703	9.31	ug/L	94
30) BROMODICHLOROMETHANE	17.51	83	705095	9.65	ug/L	100
31) 2-CHLOROETHYL VINYL ETHER	19.69	63	253077	10.41	ug/L	95

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAR05\0305C10.D Vial: 2
Acq On : 5 Mar 2002 9:17 am Operator:
Sample : cal 10 Inst : 210
Misc : March 5, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 5 15:36 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 28 12:27:24 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

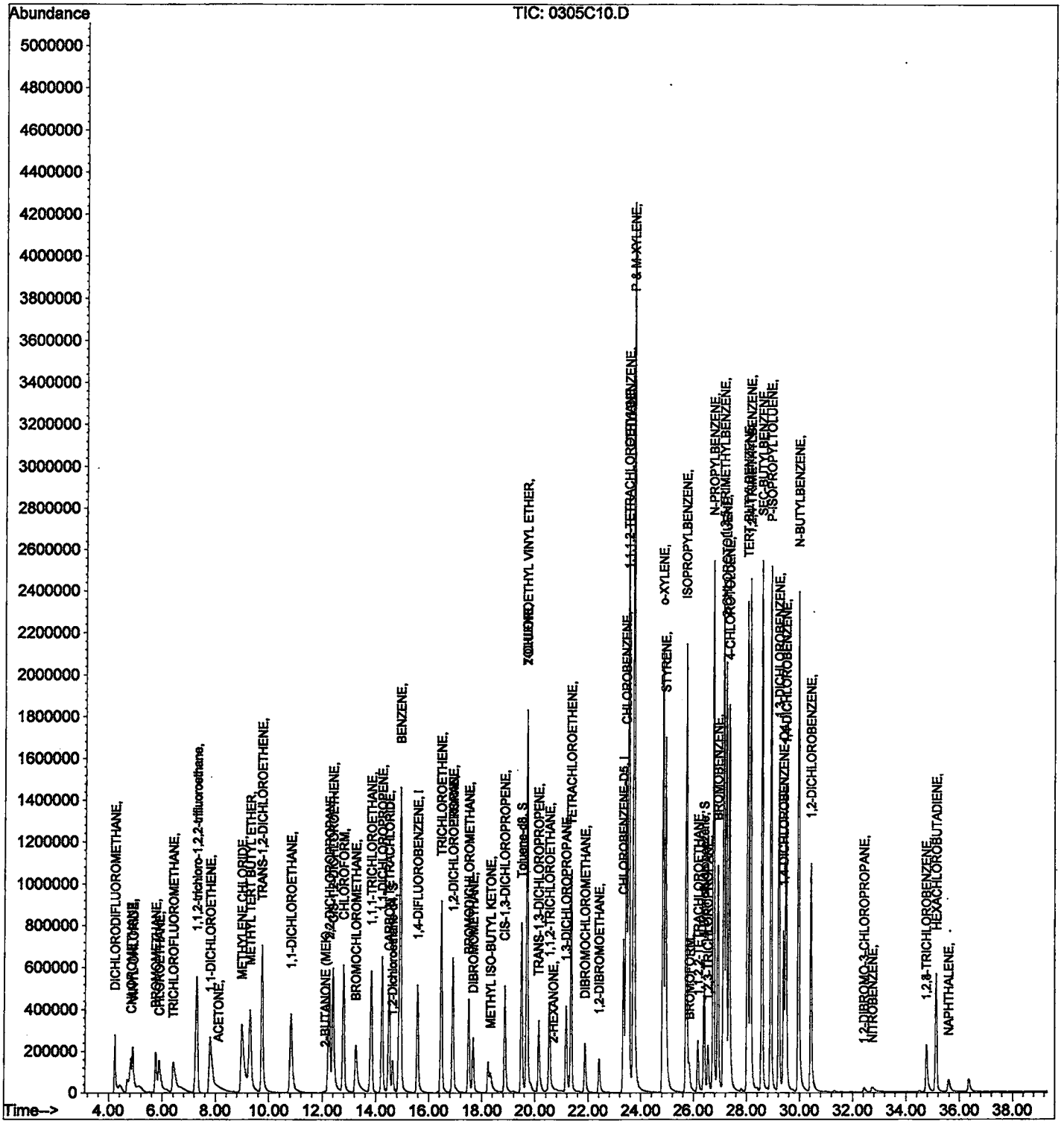
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
32) METHYL ISO-BUTYL KETONE	18.34	58	85022	8.90 ug/L	84
33) CIS-1,3-DICHLOROPROPENE	18.86	75	936491	9.73 ug/L	99
34) TOLUENE	19.69	92	1979785	9.57 ug/L	100
35) TRANS-1,3-DICHLOROPROPENE	20.13	75	615861	11.54 ug/L	98
36) 1,1,2-TRICHLOROETHANE	20.54	97	377061	9.08 ug/L	98
37) TETRACHLOROETHENE	21.36	166	668140	9.97 ug/L	99
38) 1,3-DICHLOROPROPANE	21.16	76	738271	9.88 ug/L	99
39) DIBROMOCHLOROMETHANE	21.88	129	312960	9.42 ug/L	97
40) 1,2-DIBROMOETHANE	22.41	107	316091	9.52 ug/L	100
41) CHLOROBENZENE	23.43	114	639435	9.58 ug/L	97
42) 1,1,1,2-TETRACHLOROETHANE	23.51	131	523618	9.71 ug/L	97
43) 2-HEXANONE	20.67	43	71437m	12.45 ug/L	
44) ETHYLBENZENE	23.53	91	3768106	10.28 ug/L	98
45) P & M-XYLENE	23.72	106	3021883	19.74 ug/L	97
46) o-XYLENE	24.84	91	2956489	10.04 ug/L	98
47) STYRENE	24.93	104	2267574	9.03 ug/L	99
48) 1,1,2,2-TETRACHLOROETHANE	26.17	83	347130	8.97 ug/L	98
51) BROMOFORM	25.85	173	117258	9.88 ug/L	98
52) ISOPROPYLBENZENE	25.72	105	3568673	10.02 ug/L	99
53) 1,2,3-TRICHLOROPROPANE	26.54	75	234683	10.31 ug/L	98
54) N-PROPYLBENZENE	26.74	120	1043511	9.35 ug/L	89
55) BROMOBENZENE	26.91	77	1250540	9.57 ug/L	99
56) 1,3,5-TRIMETHYLBENZENE	27.13	105	3185524	9.94 ug/L	99
57) 2-CHLOROTOLUENE	27.23	91	2975752	9.99 ug/L	98
58) 4-CHLOROTOLUENE	27.34	91	2876782	9.71 ug/L	98
59) TERT-BUTYLBENZENE	28.04	134	660031	9.61 ug/L	98
60) 1,2,4-TRIMETHYLBENZENE	28.14	120	1520884	8.85 ug/L	91
61) SEC-BUTYLBENZENE	28.58	134	792953	9.67 ug/L	100
62) P-ISOPROPYLTOLUENE	28.92	134	873692	9.72 ug/L	96
63) 1,3-DICHLOROBENZENE	29.22	146	1439112	9.64 ug/L	99
64) 1,4-DICHLOROBENZENE	29.48	146	1451658	9.47 ug/L	99
65) N-BUTYLBENZENE	29.96	134	832232	9.83 ug/L	96
66) 1,2-DICHLOROBENZENE	30.43	146	1095691	9.40 ug/L	99
67) 1,2-DIBROMO-3-CHLOROPROPAN	32.44	75	23769	8.95 ug/L	91
68) 1,2,4-TRICHLOROBENZENE	34.76	180	216523	8.05 ug/L	95
69) HEXACHLOROBUTADIENE	35.13	225	259888	10.13 ug/L	97
70) NAPHTHALENE	35.58	128	186138	7.10 ug/L	97
71) 1,2,3-TRICHLOROBENZENE	34.76	180	216523	8.05 ug/L	95
72) 1,1,2-trichloro-1,2,2-trif	7.29	101	768891	10.47 ug/L	98
73) NITROBENZENE	32.75	77	63375	172.74 ug/L	95

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAR05\0305C10.D Vial: 2
Acq On : 5 Mar 2002 9:17 am Operator:
Sample : cal 10 Inst : 210
Misc : March 5, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 5 15:36 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 28 12:27:24 2002
Response via : Initial Calibration



User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/06/2002 Time: 09:55:06

Sample: AE04037
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 3/5/02 09:44 Ended: 3/6/02 09:44 Analyst: WB
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.6 5.9		.5
2	Surr - 4-BROMOFLUOROBENZ		5.3 5.3		.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		4.8 5.0		.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: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/06/2002 Time: 09:55:06

Sample: AE04037
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 3/5/02 09:44 Ended: 3/6/02 09:44 Analyst: WB
Result source: manual entry
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

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/06/2002 Time: 09:55:17

Sample: AE04037
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 3/5/02 08:23 Ended: 3/6/02 08:23 Analyst: WB
Result source: calculation
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		0.30
2	Surr - 4-BROMOFLUOROBENZ		0.0
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		0.20
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: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 03/06/2002 Time: 09:55:17

Sample: AE04037
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 3/5/02 08:23 Ended: 3/6/02 08:23 Analyst: WB
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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02mar05\04037D.D Vial: 10
Acq On : 5 Mar 2002 4:13 pm Operator:
Sample : nyc dup Inst : 210
Misc : March 5, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 5 16:52 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 28 12:27:24 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

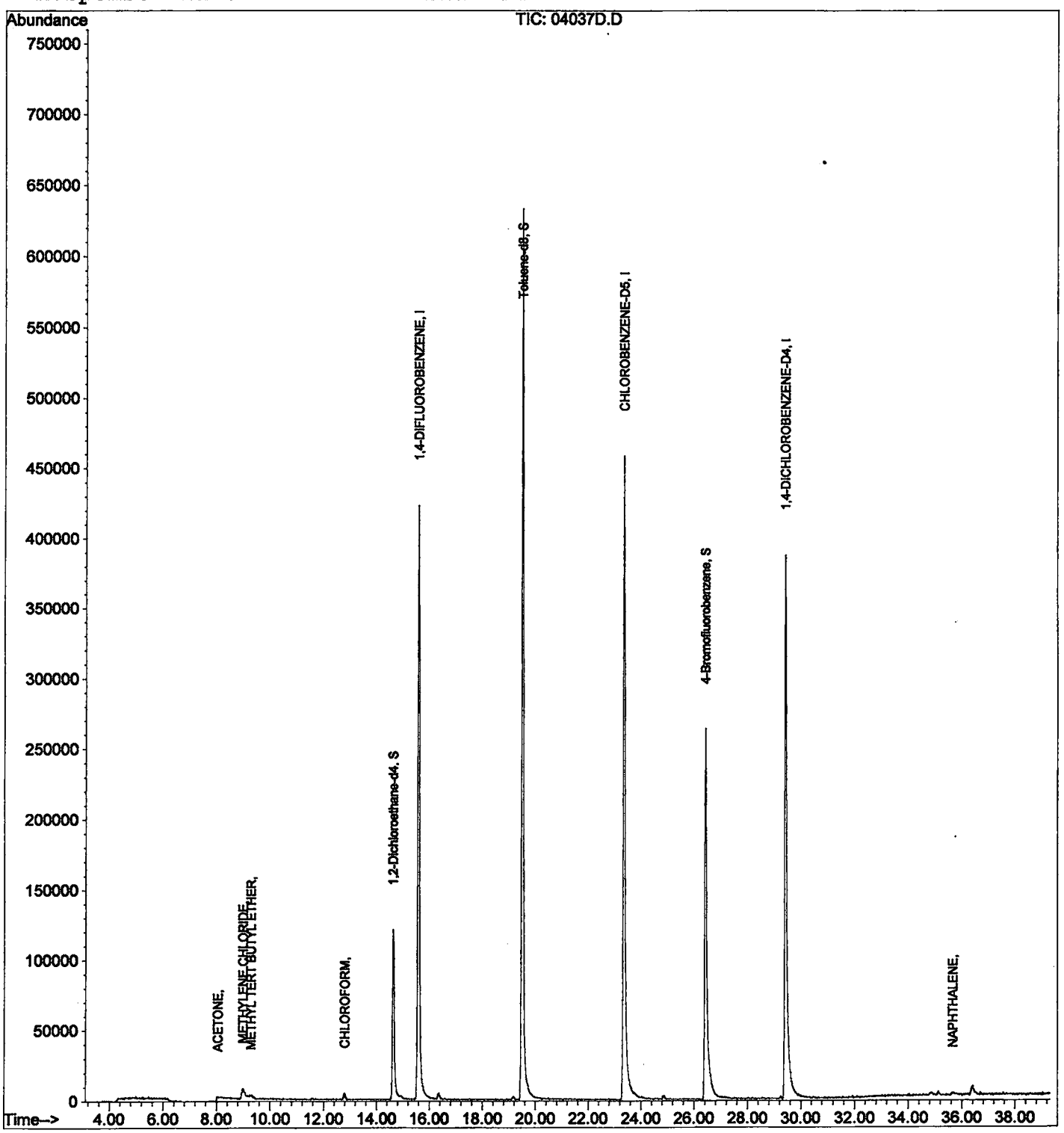
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.58	114	882708	5.00	ug/L	0.00
21) CHLOROBENZENE-D5	23.35	82	454752	5.00	ug/L	0.01
49) 1,4-DICHLOROBENZENE-D4	29.41	152	330887	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	14.63	65	211304	5.64	ug/L	0.00
Spiked Amount 5.000			Recovery =	112.80%		
22) Toluene-d8	19.49	98	1099432	4.78	ug/L	0.00
Spiked Amount 5.000			Recovery =	95.60%		
50) 4-Bromofluorobenzene	26.42	95	364629	5.28	ug/L	0.03
Spiked Amount 5.000			Recovery =	105.60%		
Target Compounds						Qvalue
9) ACETONE	8.05	43	5505	5.51	ug/L	98
11) METHYLENE CHLORIDE	8.99	49	22779	0.30	ug/L	86
12) METHYL TERT BUTYL ETHER	9.29	73	5409	0.05	ug/L	84
18) CHLOROFORM	12.80	83	8768	0.09	ug/L	85
70) NAPHTHALENE	35.67	128	6600	0.35	ug/L #	84

(#) = qualifier out of range (m) = manual integration
04037D.D HP021102.M Tue Mar 05 16:53:10 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02mar05\04037D.D Vial: 10
Acq On : 5 Mar 2002 4:13 pm Operator:
Sample : nyc dup Inst : 210
Misc : March 5, 2002 Multiplr: 1.00
MS Integration Params: GAS5.P
Quant Time: Mar 5 16:52 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 28 12:27:24 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR05\04037D.D Vial: 10
Acq On : 5 Mar 2002 4:13 pm Operator:
Sample : nyc dup Inst : 210
Misc : March 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

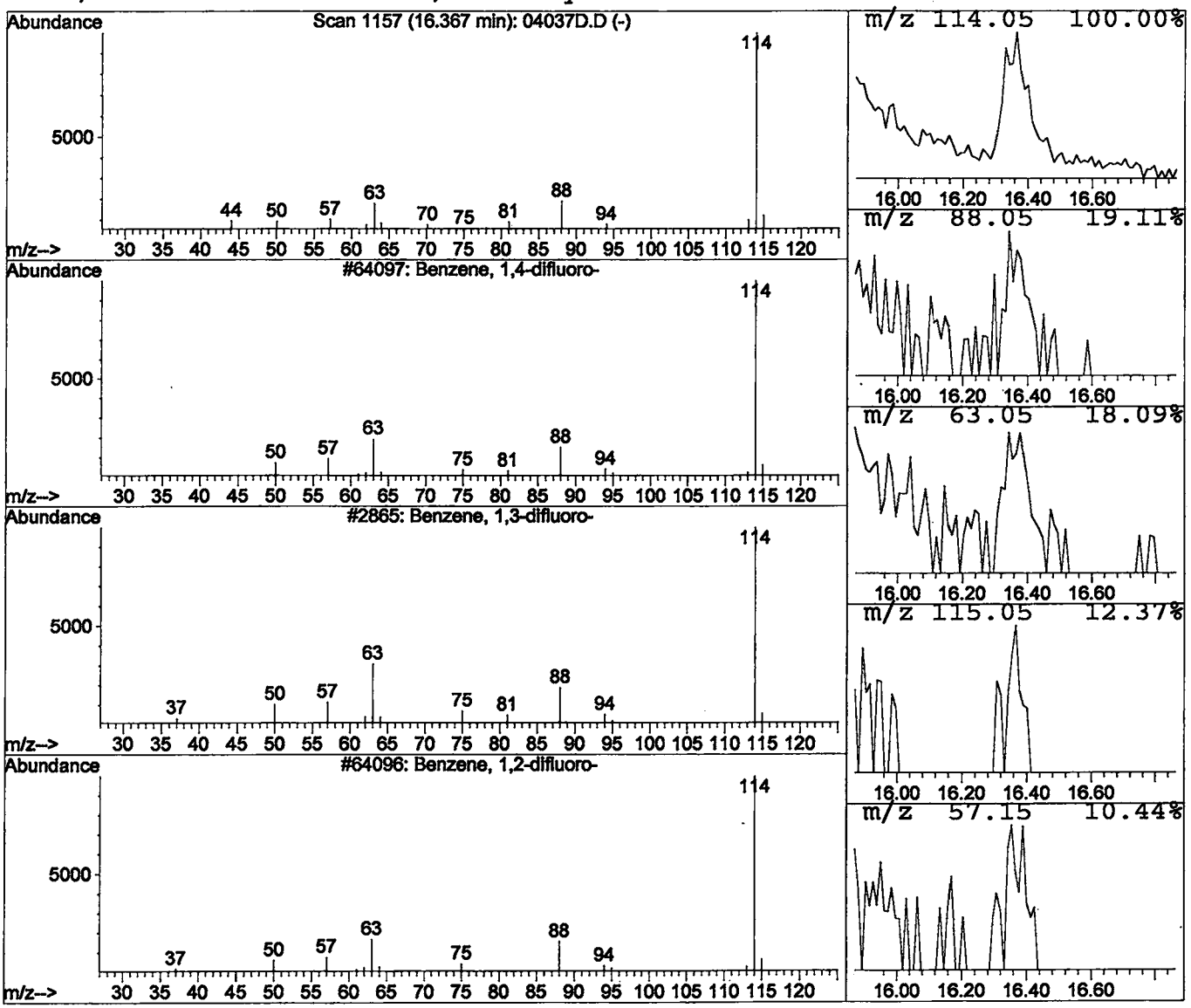
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	0.06 ug/L	21790	1,4-DIFLUOROBENZENE	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	80
2	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	80
3	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	80
4	2,4-Imidazolidinedione, 5-methyl-	114	C4H6N2O2	000616-03-5	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAR05\04037D.D Vial: 10
Acq On : 5 Mar 2002 4:13 pm Operator:
Sample : nyc dup Inst : 210
Misc : March 5, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

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Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	0.04 ug/L	13750	1,4-DIFLUOROBENZENE	15.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	45
2	2-Methyl-7-phenylindole	207	C15H13N	000000-00-0	9
3	Hexahydropyridine, 1-methyl-4-[4,5-	207	C12H17NO2	000000-00-0	9
4	4-Hydroxyphenyl pyrrolidinyl thione	207	C11H13NOS	084783-02-8	9