

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102918\
 Data File : VU027858.D
 Acq On : 29 Oct 2018 16:03
 Operator : MD/SY
 Sample : J5716-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBT5

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.405	64	72	84	rBV2	205174	222517	32.50%	5.654%
2	1.521	104	108	112	rVB	4263	3622	0.53%	0.092%
3	1.681	151	158	172	rVB	37186	48688	7.11%	1.237%
4	2.193	312	317	324	rVB5	1850	2057	0.30%	0.052%
5	2.276	332	343	353	rBV	77289	118579	17.32%	3.013%
6	2.360	367	369	377	rVB	305	247	0.04%	0.006%
7	2.443	386	395	408	rBV	4076	7136	1.04%	0.181%
8	2.617	446	449	452	rBV2	247	166	0.02%	0.004%
9	2.836	513	517	518	rBV	488	337	0.05%	0.009%
10	2.977	558	561	563	rBV2	321	256	0.04%	0.007%
11	2.990	563	565	572	rVB3	501	413	0.06%	0.010%
12	3.337	668	673	675	rBV	78	82	0.01%	0.002%
13	3.456	706	710	713	rVV	151	108	0.02%	0.003%
14	3.926	853	856	868	rVB	89	129	0.02%	0.003%
15	3.996	873	878	881	rBV	203	251	0.04%	0.006%
16	4.058	893	897	903	rBV	157	255	0.04%	0.006%
17	4.228	921	950	989	rBV2	240605	684698	100.00%	17.398%
18	4.405	1000	1005	1010	rVB	278	315	0.05%	0.008%
19	4.427	1010	1012	1013	rBV	137	73	0.01%	0.002%
20	4.443	1013	1017	1018	rBV	122	92	0.01%	0.002%
21	4.652	1065	1082	1110	rBV	64400	150491	21.98%	3.824%
22	4.762	1113	1116	1119	rVB	118	77	0.01%	0.002%
23	4.781	1119	1122	1126	rVB2	266	256	0.04%	0.007%
24	4.849	1141	1143	1146	rBV	148	130	0.02%	0.003%
25	4.868	1147	1149	1153	rVV2	164	150	0.02%	0.004%
26	4.894	1155	1157	1159	rVB	249	115	0.02%	0.003%
27	4.910	1159	1162	1163	rBV2	258	186	0.03%	0.005%
28	5.064	1207	1210	1212	rBV	130	112	0.02%	0.003%
29	5.112	1223	1225	1227	rBV	142	96	0.01%	0.002%
30	5.344	1271	1297	1324	rBV2	132498	387034	56.53%	9.835%
31	5.726	1410	1416	1420	rBV	99	107	0.02%	0.003%
32	5.887	1453	1466	1484	rBV	135143	263526	38.49%	6.696%
33	6.019	1503	1507	1509	rBV2	293	259	0.04%	0.007%
34	6.176	1552	1556	1559	rBV	399	298	0.04%	0.008%

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 Title : VOC Analysis

35	6.215	1566	1568	1573	rBB	146	151	0.02%	0.004%
36	6.247	1574	1578	1580	rBV	246	205	0.03%	0.005%
37	6.334	1591	1605	1622	rBV	90218	179309	26.19%	4.556%
38	6.447	1637	1640	1648	rVB	81	81	0.01%	0.002%
39	6.540	1666	1669	1674	rBV	105	88	0.01%	0.002%
40	6.611	1688	1691	1695	rBV	141	169	0.02%	0.004%
41	6.684	1711	1714	1715	rBV	125	92	0.01%	0.002%
42	6.836	1755	1761	1763	rBV	274	254	0.04%	0.006%
43	6.861	1763	1769	1777	rVV3	941	1500	0.22%	0.038%
44	6.971	1800	1803	1805	rBV	135	117	0.02%	0.003%
45	7.025	1815	1820	1823	rBV	157	181	0.03%	0.005%
46	7.109	1841	1846	1850	rBV	155	227	0.03%	0.006%
47	7.173	1862	1866	1871	rBB	219	269	0.04%	0.007%
48	7.228	1872	1883	1906	rBV	51463	91464	13.36%	2.324%
49	7.389	1930	1933	1935	rBV	288	138	0.02%	0.004%
50	7.495	1963	1966	1971	rBV	219	239	0.03%	0.006%
51	7.565	1976	1988	2006	rBV	173860	299283	43.71%	7.605%
52	7.694	2025	2028	2037	rVB2	293	340	0.05%	0.009%
53	7.852	2066	2077	2094	rBV	36292	59530	8.69%	1.513%
54	7.922	2098	2099	2101	rVB	270	78	0.01%	0.002%
55	8.016	2125	2128	2131	rBV	206	145	0.02%	0.004%
56	8.183	2166	2180	2191	rBV2	17042	37988	5.55%	0.965%
57	8.311	2211	2220	2241	rVB	135461	228388	33.36%	5.803%
58	8.421	2251	2254	2261	rVB	543	565	0.08%	0.014%
59	8.453	2261	2264	2265	rBV	214	129	0.02%	0.003%
60	8.475	2269	2271	2277	rVB2	376	224	0.03%	0.006%
61	8.646	2321	2324	2328	rBV	106	83	0.01%	0.002%
62	8.797	2367	2371	2374	rBV2	207	162	0.02%	0.004%
63	8.823	2377	2379	2382	rVB2	149	83	0.01%	0.002%
64	8.835	2382	2383	2384	rBV2	225	82	0.01%	0.002%
65	8.864	2389	2392	2393	rBV	146	89	0.01%	0.002%
66	8.884	2394	2398	2401	rBV	260	196	0.03%	0.005%
67	8.938	2411	2415	2420	rVB3	206	175	0.03%	0.004%
68	8.971	2420	2425	2430	rBV3	325	431	0.06%	0.011%
69	9.089	2450	2462	2483	rBV	199843	321998	47.03%	8.182%
70	9.639	2631	2633	2636	rBV3	518	338	0.05%	0.009%
71	9.887	2708	2710	2716	rBV	361	227	0.03%	0.006%

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 Title : VOC Analysis

72	9.929	2721	2723	2726	rVB	371	209	0.03%	0.005%
73	9.948	2726	2729	2730	rBV	248	108	0.02%	0.003%
74	10.434	2868	2880	2897	rVB	116709	184885	27.00%	4.698%
75	10.614	2926	2936	2949	rVB3	5679	11136	1.63%	0.283%
76	10.835	3002	3005	3009	rVB	173	130	0.02%	0.003%
77	10.880	3012	3019	3023	rBV3	664	852	0.12%	0.022%
78	11.343	3160	3163	3166	rVB	133	79	0.01%	0.002%
79	11.485	3195	3207	3224	rBV	185809	292290	42.69%	7.427%
80	11.578	3233	3236	3238	rBV	148	100	0.01%	0.003%
81	11.749	3282	3289	3302	rBV3	2973	4986	0.73%	0.127%
82	11.861	3312	3324	3347	rVB	163331	260428	38.04%	6.617%
83	11.951	3349	3352	3355	rBV2	145	112	0.02%	0.003%
84	11.974	3355	3359	3362	rVB2	224	208	0.03%	0.005%
85	11.993	3362	3365	3372	rBV	110	130	0.02%	0.003%
86	12.093	3393	3396	3398	rBV	113	88	0.01%	0.002%
87	12.138	3406	3410	3413	rBV2	242	270	0.04%	0.007%
88	12.273	3418	3452	3454	rBV7	8087	24694	3.61%	0.627%
89	12.568	3541	3544	3547	rBV2	208	139	0.02%	0.004%
90	13.228	3743	3749	3751	rBV3	316	393	0.06%	0.010%
91	13.308	3772	3774	3779	rVB	216	112	0.02%	0.003%
92	14.022	3994	3996	3998	rVB	209	86	0.01%	0.002%
93	14.157	4034	4038	4041	rBV2	242	220	0.03%	0.006%
94	14.179	4041	4045	4046	rBV2	293	215	0.03%	0.005%
95	14.337	4092	4094	4097	rBV	147	103	0.02%	0.003%
96	14.591	4147	4173	4175	rBV4	11317	26974	3.94%	0.685%
97	15.678	4500	4511	4521	rBV5	1648	3989	0.58%	0.101%
98	15.880	4568	4574	4582	rVB2	1953	3312	0.48%	0.084%
99	15.990	4606	4608	4611	rBV2	299	126	0.02%	0.003%
100	16.446	4745	4750	4751	rBV4	1415	1203	0.18%	0.031%

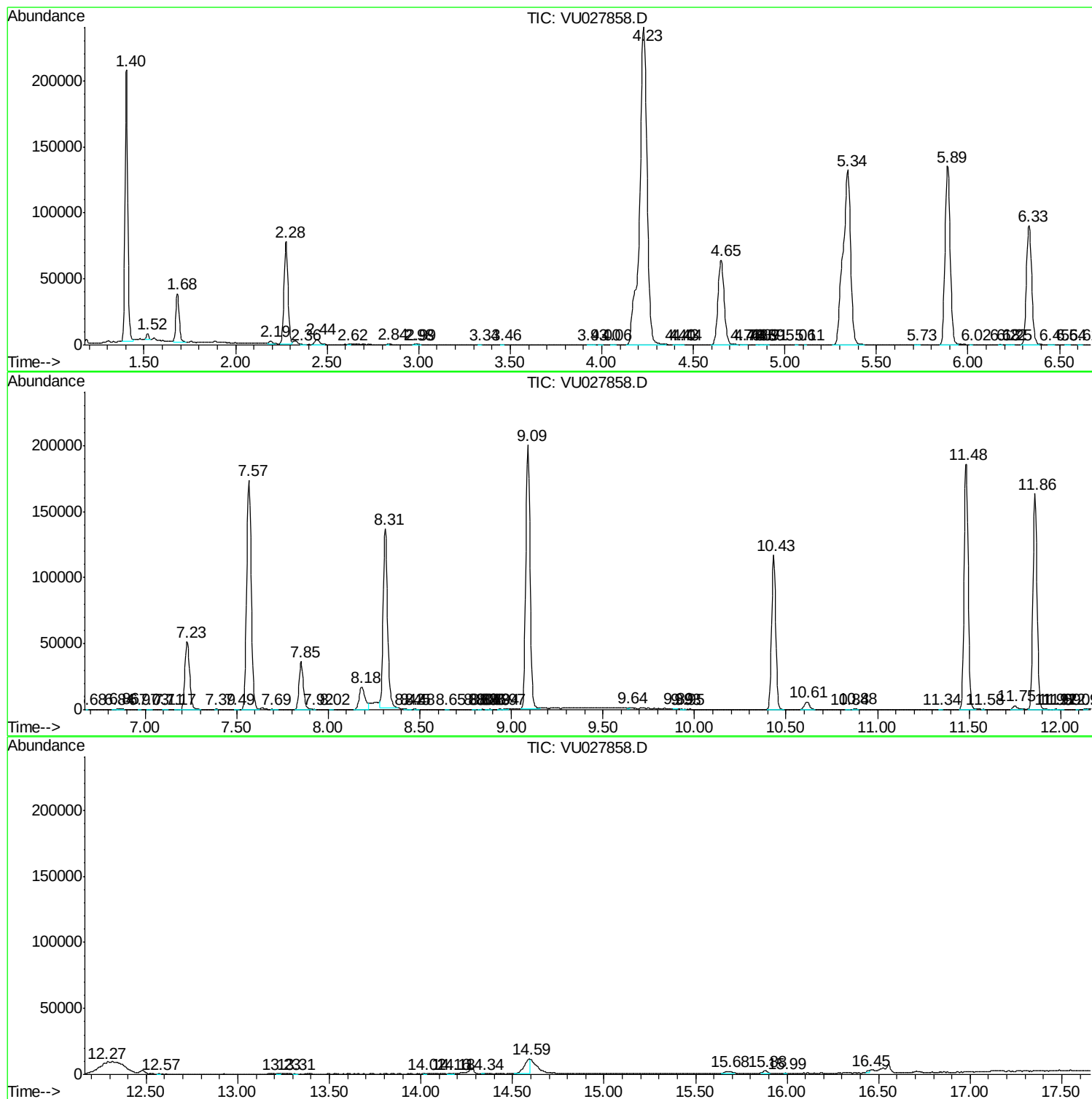
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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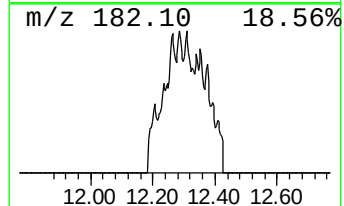
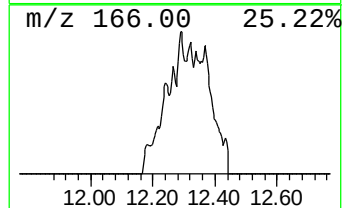
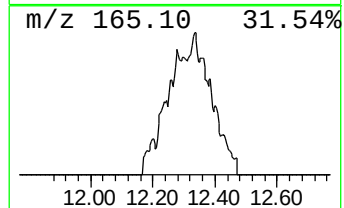
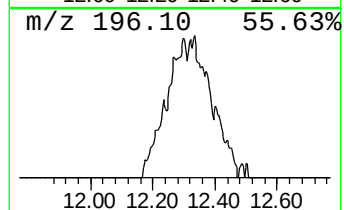
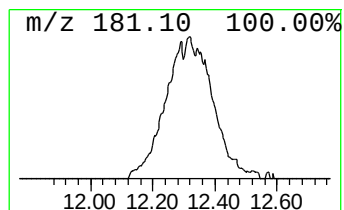
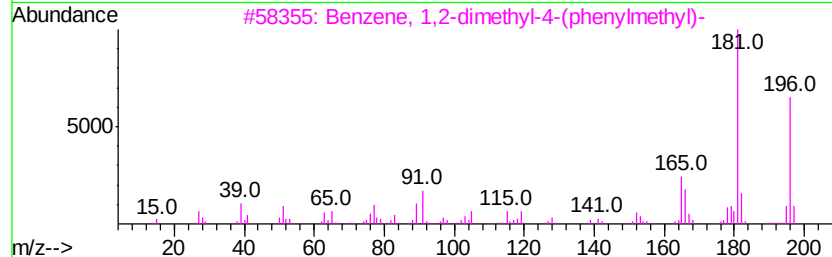
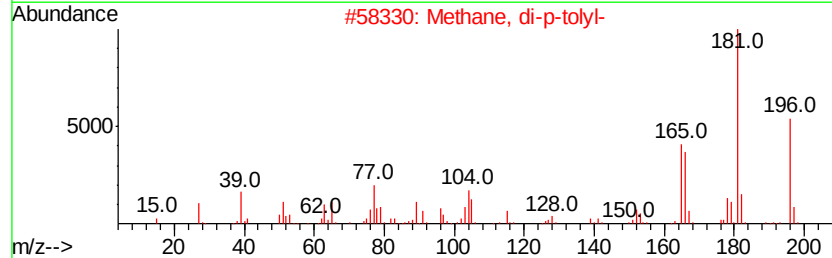
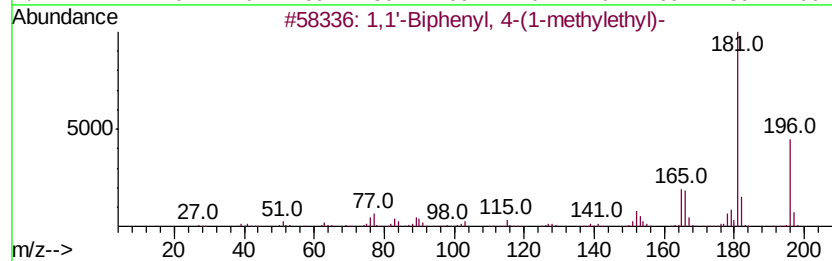
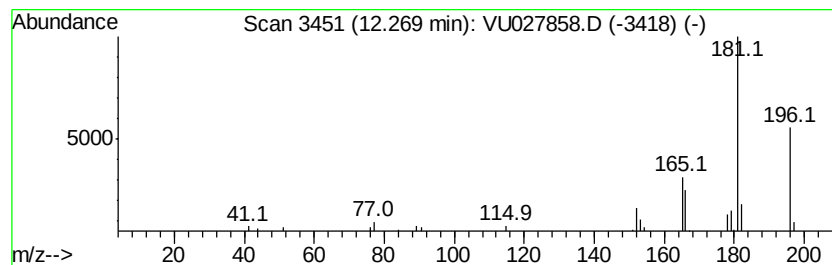
Instrument :
MSVOA_U
ClientSampleId :
ETBT5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.27	4.22 ug/L	24694	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	97
2	Methane, di-p-tolyl-	196	C15H16	004957-14-6	91
3	Benzene, 1,2-dimethyl-4-(phenylmethyl)-	196	C15H16	013540-56-2	91
4	Benzene, 1-methyl-2-[(4-methylphenyl)methyl]-	196	C15H16	021895-17-0	91
5	Methane, di-p-tolyl-	196	C15H16	004957-14-6	90



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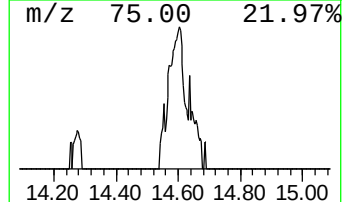
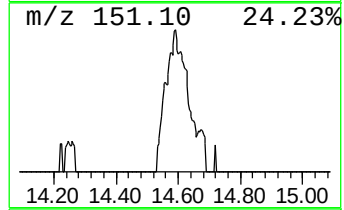
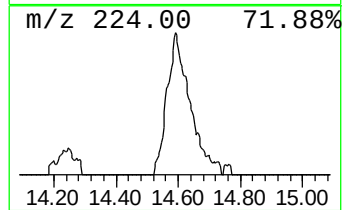
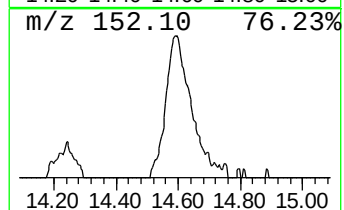
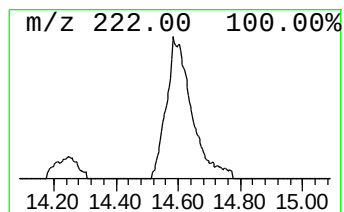
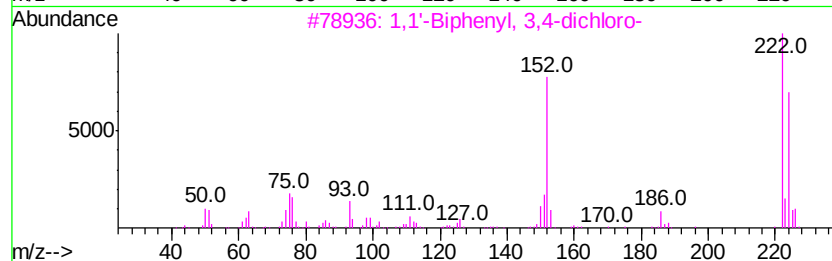
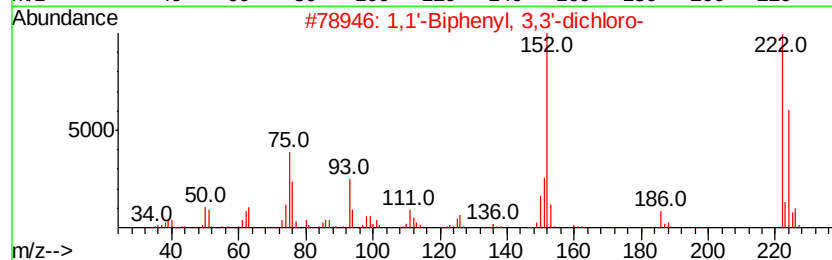
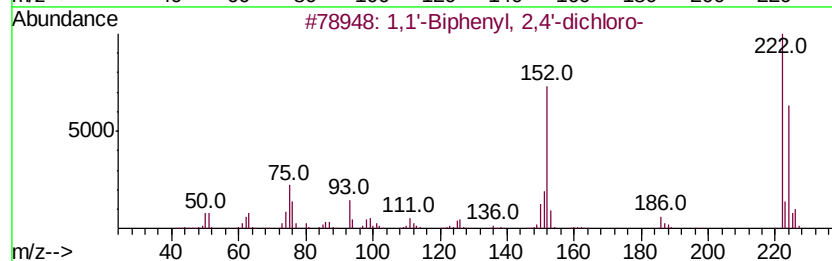
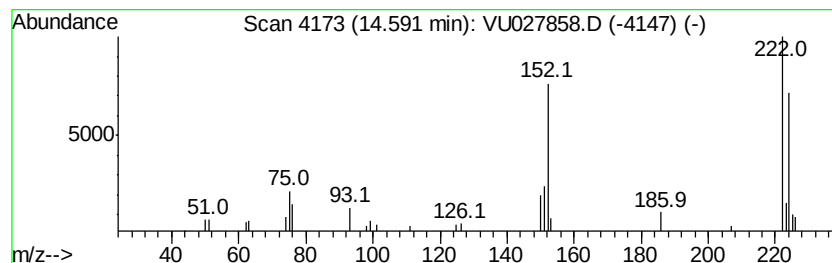
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ClientSampled :
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,1'-Biphenyl, 2,4'-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.59	4.61 ug/L	26974	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98
2	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	97
3	1,1'-Biphenyl, 3,4-dichloro-	222	C12H8Cl2	002974-92-7	97
4	1,1'-Biphenyl, 3,5-dichloro-	222	C12H8Cl2	034883-41-5	97
5	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	96



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,1'-Biphenyl, 4-...	12.27	4.2	ug/L	24694	3	11.48	292290	50.0
1,1'-Biphenyl, 2,...	14.59	4.6	ug/L	26974	3	11.48	292290	50.0