

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102918\
 Data File : VU027859.D
 Acq On : 29 Oct 2018 16:27
 Operator : MD/SY
 Sample : J5716-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBW0

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	1.399	64	70	80	rBV	49044	49992	2.80%	0.833%
2	1.681	150	158	169	rBV	37627	47587	2.67%	0.793%
3	2.273	332	342	353	rBV	78633	119233	6.69%	1.987%
4	2.411	382	385	386	rBV	153	86	0.00%	0.001%
5	2.443	386	395	409	rVB	8421	14064	0.79%	0.234%
6	2.813	507	510	514	rBV	86	80	0.00%	0.001%
7	2.842	514	519	523	rVV2	226	267	0.01%	0.004%
8	2.919	541	543	546	rVB	151	82	0.00%	0.001%
9	2.987	554	564	577	rBV2	5356	9255	0.52%	0.154%
10	3.093	595	597	603	rBV	247	236	0.01%	0.004%
11	3.132	608	609	615	rVB	225	131	0.01%	0.002%
12	3.366	679	682	686	rVB	136	95	0.01%	0.002%
13	3.775	806	809	811	rVB	162	108	0.01%	0.002%
14	3.800	811	817	820	rBV	219	302	0.02%	0.005%
15	3.916	849	853	856	rVB	192	192	0.01%	0.003%
16	3.945	857	862	868	rBV	186	303	0.02%	0.005%
17	4.228	922	950	988	rBV2	256902	720981	40.44%	12.017%
18	4.395	1000	1002	1005	rBV2	140	79	0.00%	0.001%
19	4.453	1017	1020	1021	rBV	140	81	0.00%	0.001%
20	4.537	1040	1046	1051	rBV	164	285	0.02%	0.005%
21	4.652	1066	1082	1105	rBV	63551	150070	8.42%	2.501%
22	4.771	1114	1119	1121	rBV	196	180	0.01%	0.003%
23	4.787	1121	1124	1126	rVB	166	106	0.01%	0.002%
24	4.800	1126	1128	1130	rBV	173	104	0.01%	0.002%
25	4.816	1130	1133	1136	rBV	138	134	0.01%	0.002%
26	4.894	1154	1157	1158	rVV	235	131	0.01%	0.002%
27	5.144	1233	1235	1238	rVB	145	99	0.01%	0.002%
28	5.167	1239	1242	1244	rBV	130	114	0.01%	0.002%
29	5.344	1273	1297	1320	rBV3	130840	388595	21.80%	6.477%
30	5.424	1320	1322	1325	rBV2	201	135	0.01%	0.002%
31	5.514	1348	1350	1352	rBV	125	92	0.01%	0.002%
32	5.636	1383	1388	1389	rBV	180	146	0.01%	0.002%
33	5.675	1395	1400	1403	rBV	150	201	0.01%	0.003%
34	5.797	1431	1438	1443	rBV2	426	618	0.03%	0.010%

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 Title : VOC Analysis

35	5.887	1453	1466	1488	rBV	128731	252450	14.16%	4.208%
36	6.064	1516	1521	1524	rBV	215	162	0.01%	0.003%
37	6.189	1546	1560	1588	rBV	242331	468041	26.25%	7.801%
38	6.334	1592	1605	1625	rBV	89984	179431	10.06%	2.991%
39	6.562	1673	1676	1677	rBV	187	130	0.01%	0.002%
40	6.861	1762	1769	1779	rBV4	843	1405	0.08%	0.023%
41	6.958	1795	1799	1804	rBV	105	111	0.01%	0.002%
42	7.019	1814	1818	1822	rBV	144	96	0.01%	0.002%
43	7.115	1845	1848	1854	rVB	173	215	0.01%	0.004%
44	7.144	1854	1857	1858	rBV	128	93	0.01%	0.002%
45	7.228	1870	1883	1906	rBV	51164	91543	5.13%	1.526%
46	7.395	1928	1935	1938	rBV4	569	787	0.04%	0.013%
47	7.565	1976	1988	2011	rBV	176056	304889	17.10%	5.082%
48	7.684	2021	2025	2027	rBV	204	194	0.01%	0.003%
49	7.852	2065	2077	2092	rBV	36841	61286	3.44%	1.021%
50	7.948	2103	2107	2109	rBV	168	163	0.01%	0.003%
51	8.186	2166	2181	2182	rBV3	16693	23238	1.30%	0.387%
52	8.228	2183	2194	2210	rVV	1054155	1782950	100.00%	29.716%
53	8.311	2211	2220	2248	rVB	137768	237162	13.30%	3.953%
54	8.430	2255	2257	2261	rVB	151	91	0.01%	0.002%
55	8.472	2268	2270	2273	rVB	232	105	0.01%	0.002%
56	8.556	2292	2296	2299	rBV	197	205	0.01%	0.003%
57	8.598	2305	2309	2313	rBV	237	275	0.02%	0.005%
58	8.749	2352	2356	2359	rBV	124	92	0.01%	0.002%
59	8.990	2427	2431	2434	rBV	120	102	0.01%	0.002%
60	9.090	2450	2462	2484	rBV	188788	310126	17.39%	5.169%
61	9.209	2496	2499	2501	rBV2	288	205	0.01%	0.003%
62	9.254	2511	2513	2517	rVB2	519	321	0.02%	0.005%
63	9.279	2517	2521	2523	rBV2	334	318	0.02%	0.005%
64	9.414	2561	2563	2570	rVB3	297	278	0.02%	0.005%
65	9.720	2655	2658	2661	rVB4	534	321	0.02%	0.005%
66	9.762	2668	2671	2675	rBV3	349	351	0.02%	0.006%
67	9.819	2687	2689	2691	rBV	209	142	0.01%	0.002%
68	9.971	2734	2736	2739	rBV2	147	113	0.01%	0.002%
69	9.996	2742	2744	2747	rVB	181	126	0.01%	0.002%
70	10.434	2867	2880	2896	rBV	116163	183272	10.28%	3.055%
71	10.533	2907	2911	2913	rBV	116	88	0.00%	0.001%

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72	10.614	2925	2936	2950	rBV2	6859	12864	0.72%	0.214%
73	10.871	3013	3016	3024	rBV2	496	564	0.03%	0.009%
74	11.083	3079	3082	3085	rVB	133	87	0.00%	0.001%
75	11.337	3158	3161	3167	rVB	126	109	0.01%	0.002%
76	11.414	3181	3185	3188	rBV	111	115	0.01%	0.002%
77	11.485	3195	3207	3229	rBV	182919	281644	15.80%	4.694%
78	11.581	3233	3237	3240	rBV2	173	130	0.01%	0.002%
79	11.755	3283	3291	3295	rBV4	725	938	0.05%	0.016%
80	11.861	3311	3324	3343	rBV	162767	262585	14.73%	4.377%
81	11.961	3354	3355	3360	rVB	199	95	0.01%	0.002%
82	12.157	3410	3416	3417	rBV	232	223	0.01%	0.004%
83	12.237	3426	3441	3442	rBV4	1900	2741	0.15%	0.046%
84	12.565	3540	3543	3544	rBV4	161	77	0.00%	0.001%
85	12.668	3571	3575	3578	rBV	136	121	0.01%	0.002%
86	12.813	3617	3620	3624	rBV	148	134	0.01%	0.002%
87	13.224	3746	3748	3750	rVV	234	80	0.00%	0.001%
88	13.237	3750	3752	3757	rVB	283	219	0.01%	0.004%
89	13.266	3757	3761	3764	rBV2	273	211	0.01%	0.004%
90	13.546	3846	3848	3851	rBV2	215	110	0.01%	0.002%
91	13.851	3941	3943	3947	rVB	186	79	0.00%	0.001%
92	14.096	4017	4019	4023	rVB2	240	178	0.01%	0.003%
93	14.154	4035	4037	4041	rVB	186	89	0.00%	0.001%
94	14.208	4045	4054	4055	rBV3	691	703	0.04%	0.012%
95	14.276	4069	4075	4090	rVB	4429	7674	0.43%	0.128%
96	14.427	4118	4122	4126	rBV	273	297	0.02%	0.005%
97	14.601	4158	4176	4180	rBV6	8284	20326	1.14%	0.339%
98	14.781	4230	4232	4236	rVB2	286	157	0.01%	0.003%
99	14.896	4265	4268	4271	rBV2	199	145	0.01%	0.002%
100	15.684	4504	4513	4519	rBV6	1142	2147	0.12%	0.036%

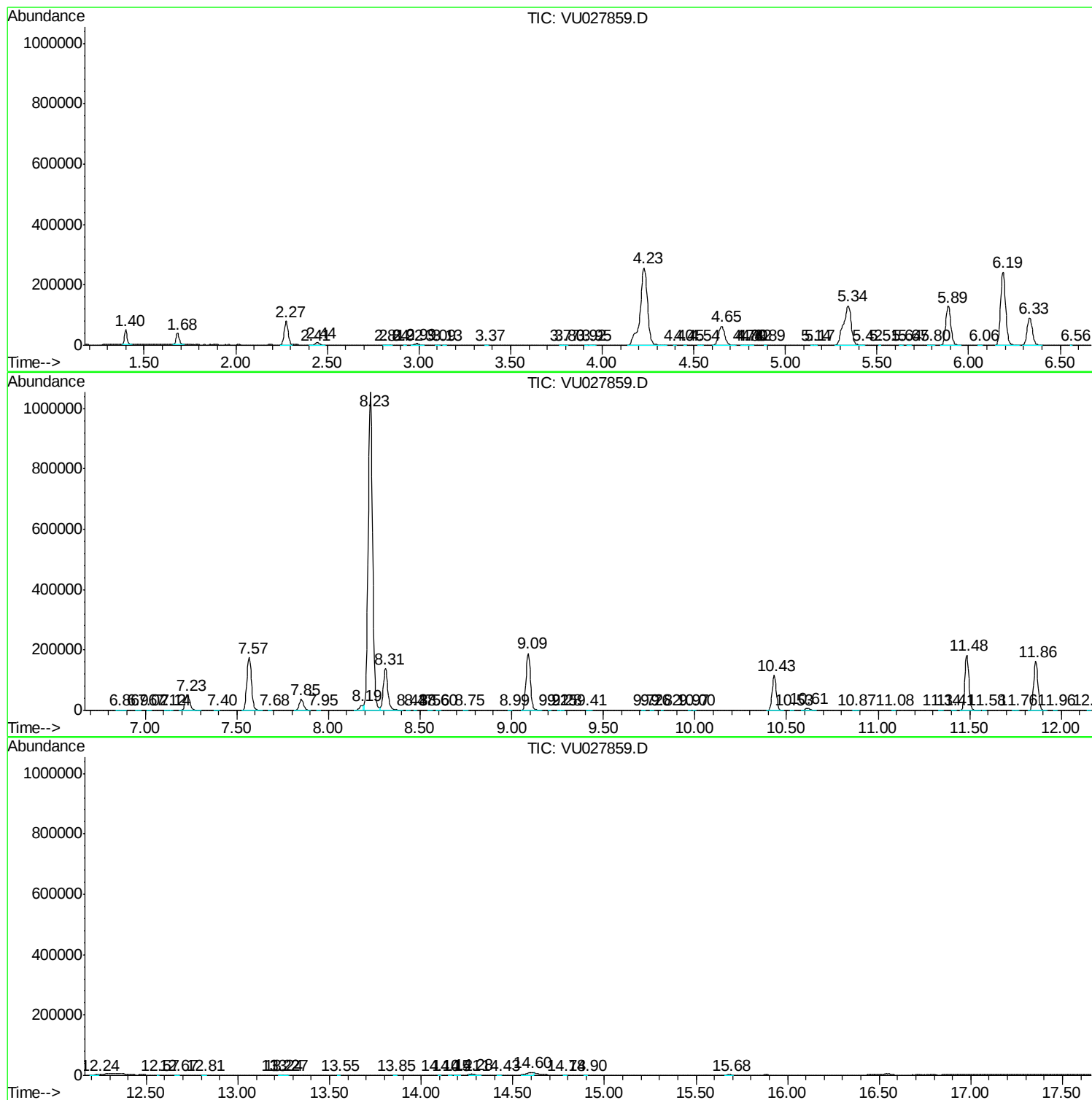
Sum of corrected areas: 5999883

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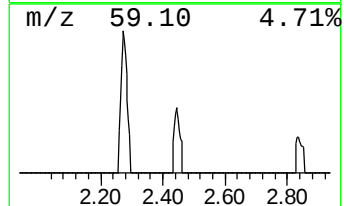
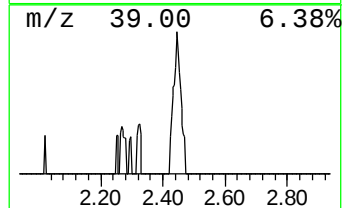
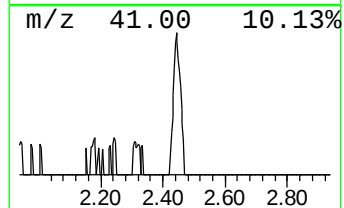
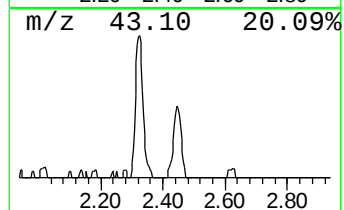
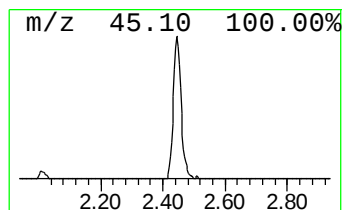
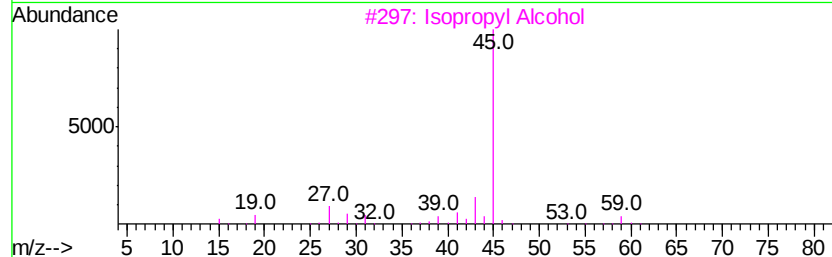
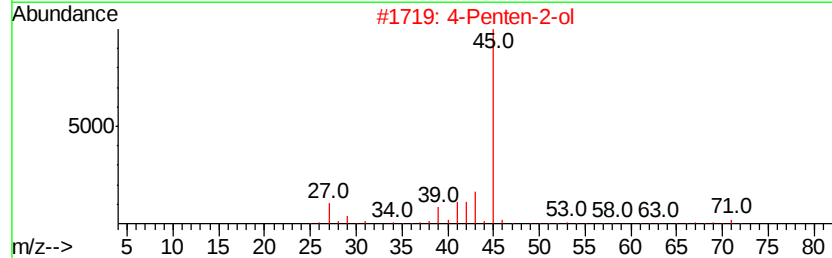
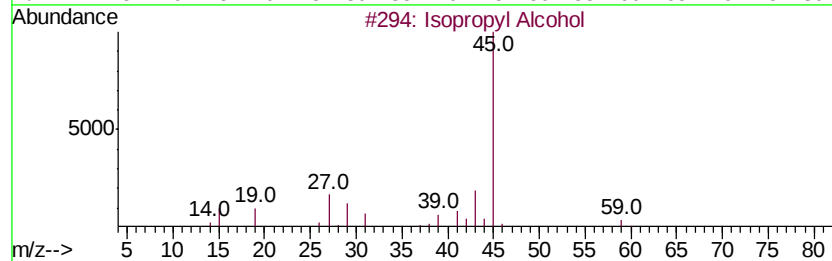
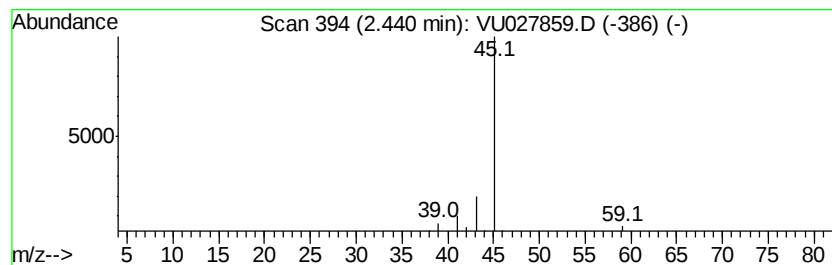
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	2.79 ug/L	14064	1,4-Difluorobenzene	5.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2			4-Penten-2-ol	86	C5H10O	000625-31-0	43
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4			Ethylamine	45	C2H7N	000075-04-7	5
5			Formamide	45	CH3NO	000075-12-7	5



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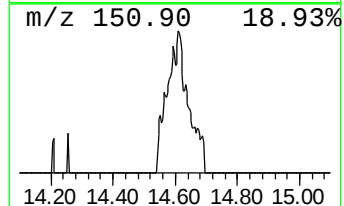
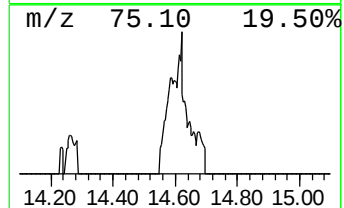
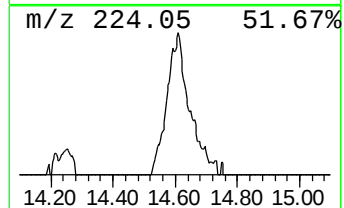
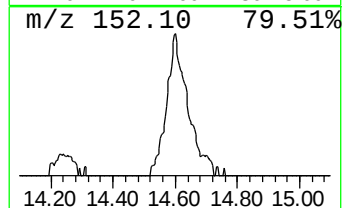
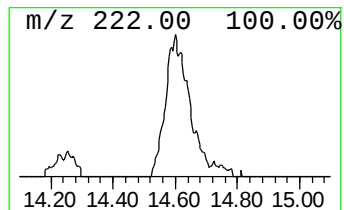
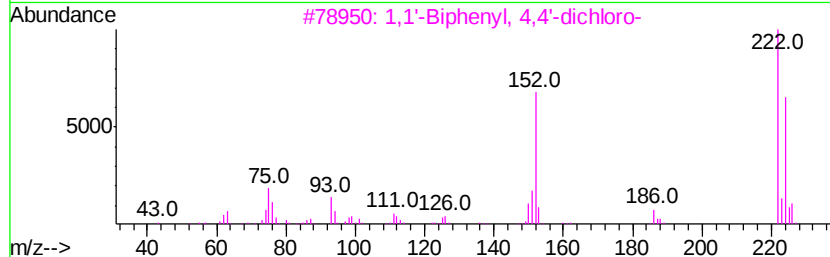
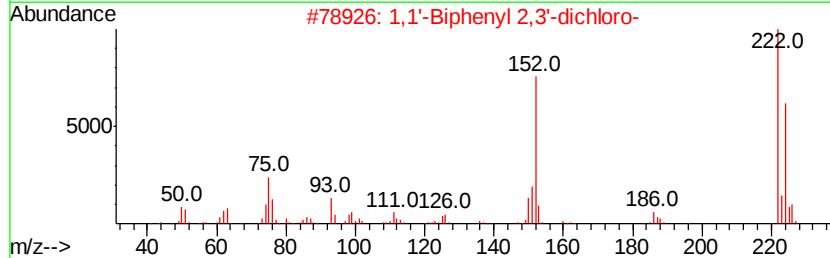
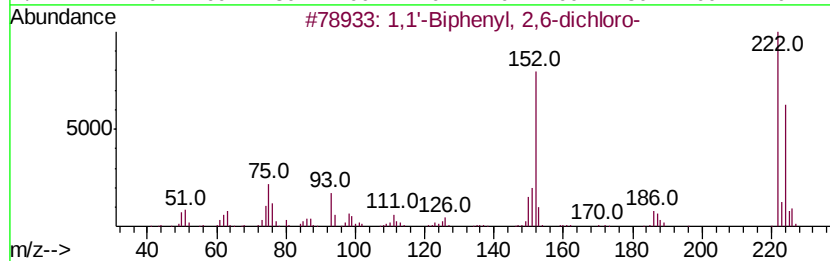
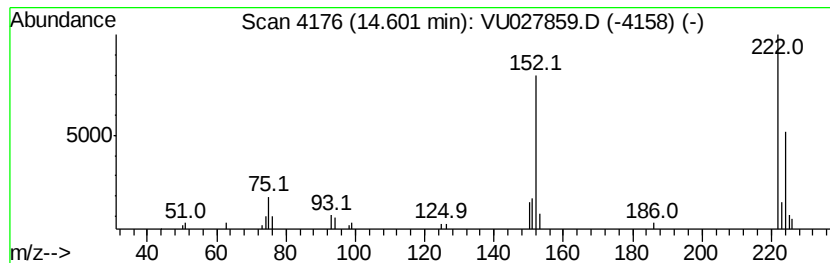
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Quant Title : VOC Analysis

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

Peak Number 3 1,1'-Biphenyl, 2,6-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.60	3.61 ug/L	20326	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,6-dichloro-	222	C12H8Cl2	033146-45-1	98
2	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	98
3	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	98
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	98
5	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	97



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Isopropyl Alcohol	2.44	2.8	ug/L	14064	1	5.89	252450	50.0
1,1'-Biphenyl, 2,...	14.60	3.6	ug/L	20326	3	11.48	281644	50.0