

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102618\
 Data File : VW006365.D
 Acq On : 25 Oct 2018 15:30
 Operator : SY/AP
 Sample : J5657-05
 Misc : 4.78G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40K3

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_W\METHOD\SOM2WLM100918S.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	2.154	38	41	44	rBV2	687	1033	0.12%	0.013%
2	2.361	68	75	87	rBV	49568	103635	12.07%	1.350%
3	2.897	156	163	178	rVB	43067	117325	13.67%	1.528%
4	3.867	317	322	330	rVB4	1117	2377	0.28%	0.031%
5	4.013	335	346	362	rBV	102547	292748	34.11%	3.814%
6	4.135	363	366	367	rBV3	982	1109	0.13%	0.014%
7	4.324	396	397	402	rBV2	263	345	0.04%	0.004%
8	4.361	402	403	405	rVB	345	237	0.03%	0.003%
9	4.403	405	410	411	rBV2	407	562	0.07%	0.007%
10	4.428	411	414	417	rBV4	687	1224	0.14%	0.016%
11	4.598	438	442	443	rBV2	479	502	0.06%	0.007%
12	4.775	469	471	476	rVV2	197	254	0.03%	0.003%
13	4.909	485	493	506	rBV3	4679	15609	1.82%	0.203%
14	5.299	555	557	561	rBV2	138	230	0.03%	0.003%
15	5.415	574	576	579	rBV3	247	252	0.03%	0.003%
16	5.556	596	599	601	rVV2	225	224	0.03%	0.003%
17	5.604	603	607	609	rBV	206	295	0.03%	0.004%
18	5.653	612	615	619	rBV	208	289	0.03%	0.004%
19	5.885	650	653	656	rBV3	167	222	0.03%	0.003%
20	5.946	656	663	668	rBV5	825	2161	0.25%	0.028%
21	6.281	716	718	720	rBV2	221	233	0.03%	0.003%
22	6.409	737	739	744	rVB2	243	283	0.03%	0.004%
23	6.653	774	779	781	rVB3	191	269	0.03%	0.004%
24	6.689	781	785	789	rBV3	231	437	0.05%	0.006%
25	6.994	833	835	837	rVB2	274	242	0.03%	0.003%
26	7.092	842	851	855	rBV	14113	38713	4.51%	0.504%
27	7.317	885	888	890	rBV3	245	251	0.03%	0.003%
28	7.470	909	913	916	rVB3	283	436	0.05%	0.006%
29	7.543	922	925	926	rBV2	364	359	0.04%	0.005%
30	7.653	932	943	954	rBV	156571	378046	44.04%	4.925%
31	7.830	969	972	974	rVB2	271	262	0.03%	0.003%
32	8.012	998	1002	1005	rBV2	191	305	0.04%	0.004%
33	8.281	1035	1046	1061	rBV2	289015	858363	100.00%	11.183%
34	8.689	1110	1113	1117	rBV2	427	642	0.07%	0.008%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
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35	8.848	1130	1139	1148	rBV	402622	807389	94.06%	10.519%
36	9.049	1164	1172	1173	rBV4	522	1093	0.13%	0.014%
37	9.085	1174	1178	1182	rVB3	1134	1699	0.20%	0.022%
38	9.280	1201	1210	1219	rVV	201495	402694	46.91%	5.246%
39	9.360	1219	1223	1226	rVV3	704	1209	0.14%	0.016%
40	9.622	1261	1266	1269	rVB4	302	530	0.06%	0.007%
41	9.671	1269	1274	1277	rBV	1237	2019	0.24%	0.026%
42	9.835	1299	1301	1304	rBV	244	308	0.04%	0.004%
43	9.866	1304	1306	1309	rVV3	244	295	0.03%	0.004%
44	9.963	1320	1322	1325	rVV	316	405	0.05%	0.005%
45	10.036	1327	1334	1344	rVV	81227	143749	16.75%	1.873%
46	10.122	1344	1348	1359	rVB3	629	1269	0.15%	0.017%
47	10.329	1373	1382	1390	rBV	409272	715440	83.35%	9.321%
48	10.390	1390	1392	1398	rVB3	1391	1921	0.22%	0.025%
49	10.579	1417	1423	1431	rVV	51559	90484	10.54%	1.179%
50	10.713	1438	1445	1450	rBV2	3368	6009	0.70%	0.078%
51	10.884	1468	1473	1474	rVV2	188	293	0.03%	0.004%
52	10.933	1474	1481	1492	rVV	66413	124054	14.45%	1.616%
53	11.128	1512	1513	1517	rBV3	195	262	0.03%	0.003%
54	11.231	1528	1530	1533	rVV2	309	358	0.04%	0.005%
55	11.634	1588	1596	1616	rVB	502591	855613	99.68%	11.147%
56	11.768	1616	1618	1620	rVB	390	255	0.03%	0.003%
57	11.798	1620	1623	1624	rBV2	319	320	0.04%	0.004%
58	11.853	1630	1632	1633	rVB	414	224	0.03%	0.003%
59	11.902	1638	1640	1645	rVB3	245	299	0.03%	0.004%
60	11.963	1647	1650	1653	rBV3	305	389	0.05%	0.005%
61	12.042	1660	1663	1664	rVB3	277	293	0.03%	0.004%
62	12.115	1673	1675	1678	rVB2	298	250	0.03%	0.003%
63	12.170	1681	1684	1686	rBV4	330	353	0.04%	0.005%
64	12.280	1701	1702	1707	rBV2	238	227	0.03%	0.003%
65	12.371	1713	1717	1719	rBV2	367	378	0.04%	0.005%
66	12.426	1722	1726	1727	rBV2	348	450	0.05%	0.006%
67	12.438	1727	1728	1730	rBV2	466	412	0.05%	0.005%
68	12.695	1730	1770	1776	rBV2	231970	796714	92.82%	10.379%
69	12.938	1807	1810	1815	rBV6	1383	2913	0.34%	0.038%
70	13.207	1831	1854	1856	rBV5	28615	128292	14.95%	1.671%
71	13.414	1884	1888	1894	rVB3	3507	6279	0.73%	0.082%

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72	13.469	1894	1897	1898	rBV2	428	351	0.04%	0.005%
73	13.487	1898	1900	1901	rBV	516	517	0.06%	0.007%
74	13.566	1906	1913	1925	rVV	393592	648500	75.55%	8.449%
75	13.774	1941	1947	1953	rVB5	1629	3327	0.39%	0.043%
76	13.859	1953	1961	1970	rBV	269317	445619	51.91%	5.805%
77	13.987	1981	1982	1987	rVB3	391	530	0.06%	0.007%
78	14.085	1990	1998	2004	rVV	6675	11434	1.33%	0.149%
79	14.133	2004	2006	2008	rVB3	394	417	0.05%	0.005%
80	14.249	2023	2025	2026	rBV	379	305	0.04%	0.004%
81	14.408	2032	2051	2067	rBV	131404	514670	59.96%	6.705%
82	14.536	2067	2072	2086	rVB3	6566	19405	2.26%	0.253%
83	14.731	2101	2104	2107	rBV	803	924	0.11%	0.012%
84	14.761	2107	2109	2110	rBV2	356	226	0.03%	0.003%
85	14.834	2110	2121	2125	rBV6	2833	9142	1.07%	0.119%
86	14.901	2129	2132	2134	rBV4	1822	2576	0.30%	0.034%
87	14.975	2142	2144	2145	rBV2	440	285	0.03%	0.004%
88	15.017	2149	2151	2154	rVB3	477	278	0.03%	0.004%
89	15.139	2166	2171	2177	rVB5	3373	5850	0.68%	0.076%
90	15.200	2179	2181	2182	rBV	552	476	0.06%	0.006%
91	15.249	2187	2189	2190	rBV2	453	268	0.03%	0.003%
92	15.377	2208	2210	2215	rVB5	740	600	0.07%	0.008%
93	15.420	2215	2217	2221	rBV4	531	719	0.08%	0.009%
94	15.517	2227	2233	2238	rVB3	1642	3237	0.38%	0.042%
95	15.657	2243	2256	2271	rBV5	6572	28491	3.32%	0.371%
96	15.810	2279	2281	2283	rBV4	730	679	0.08%	0.009%
97	16.072	2308	2324	2325	rBV2	18279	59695	6.95%	0.778%
98	16.352	2368	2370	2371	rBV2	638	489	0.06%	0.006%
99	16.426	2379	2382	2387	rBV6	965	2015	0.23%	0.026%
100	16.694	2424	2426	2427	rBV2	465	229	0.03%	0.003%

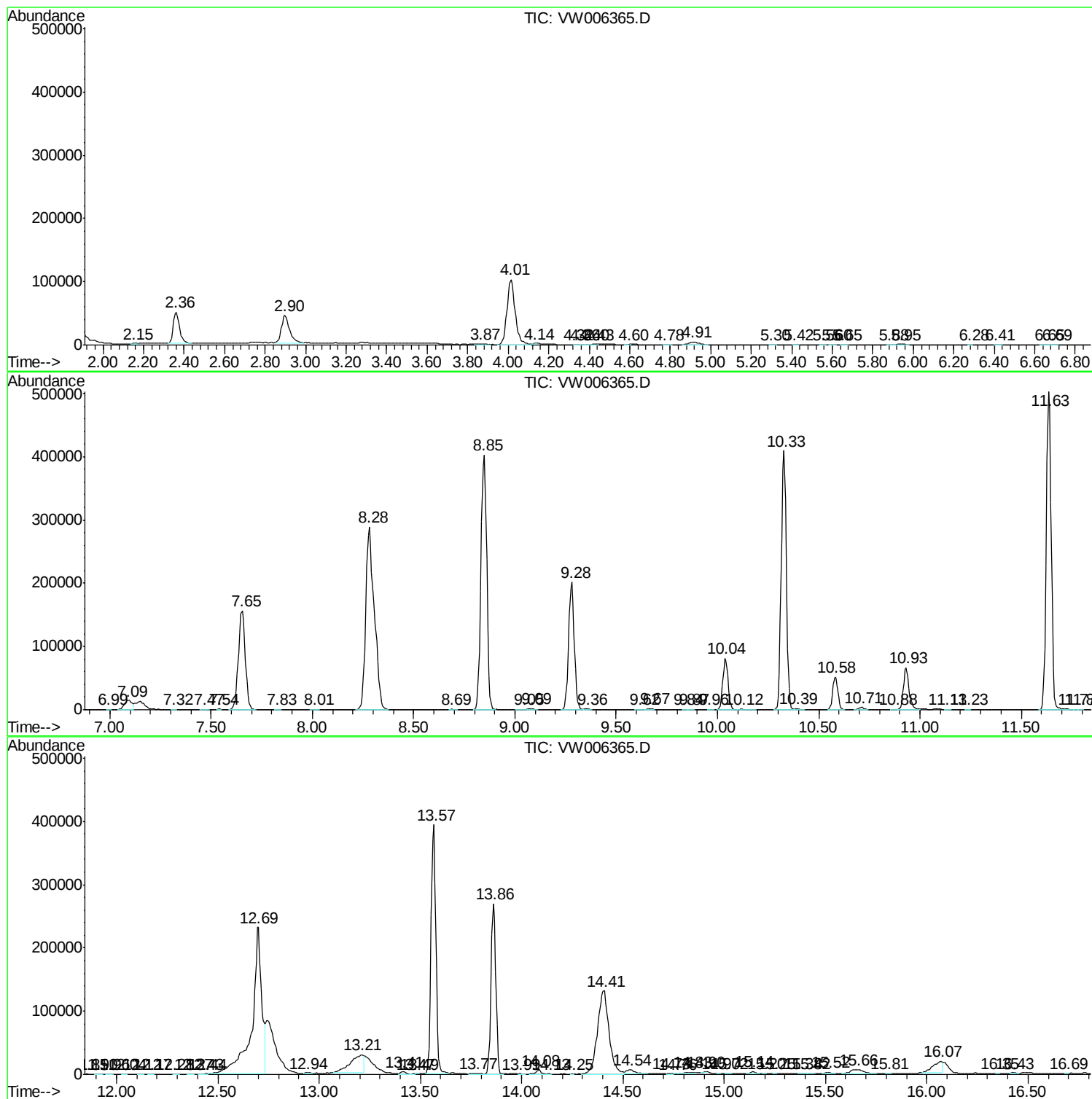
Sum of corrected areas: 7675869

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



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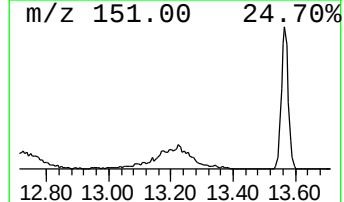
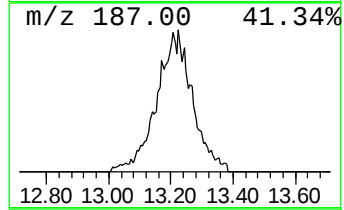
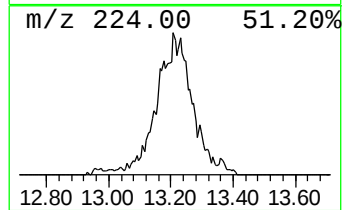
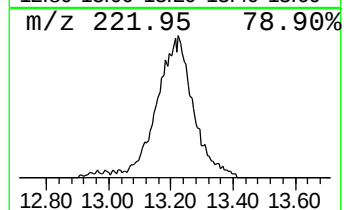
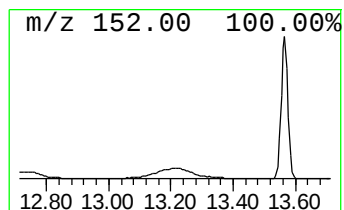
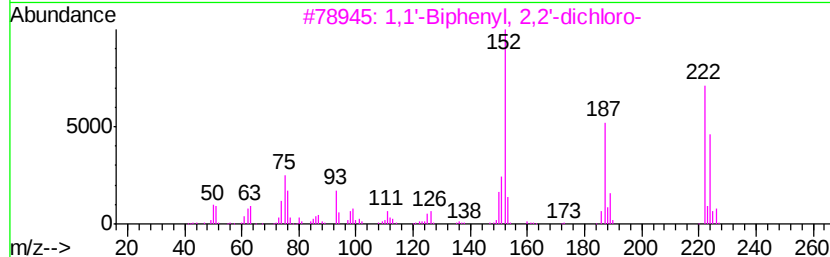
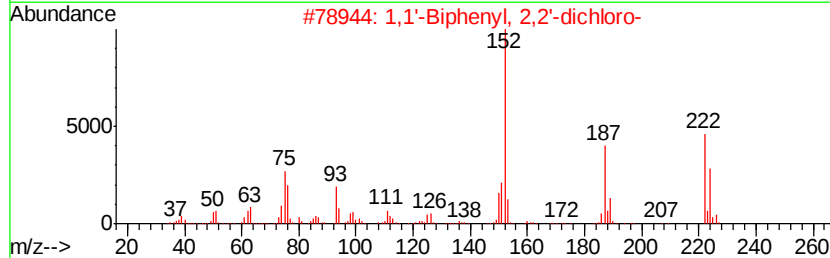
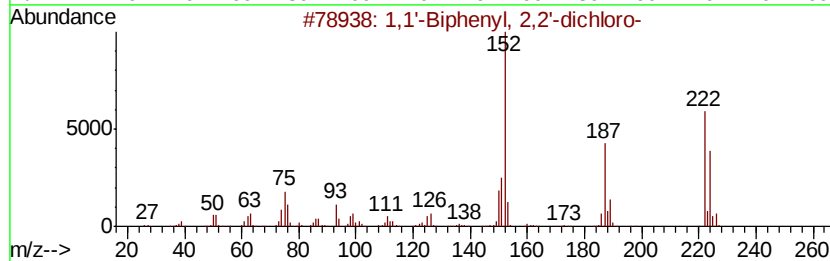
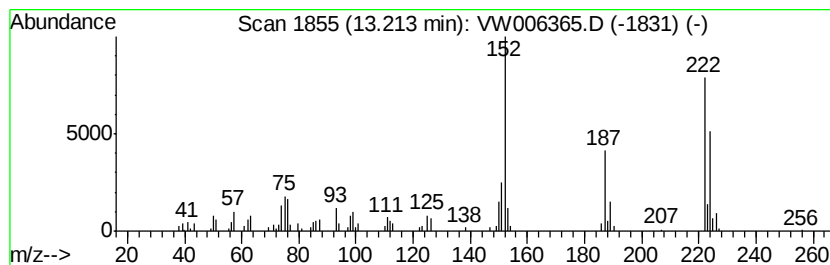
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.21	4.95 ug/L	128292	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	97
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	96
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	95
4	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	95
5	1,1'-Biphenyl, 3,4-dichloro-	222	C12H8Cl2	002974-92-7	93



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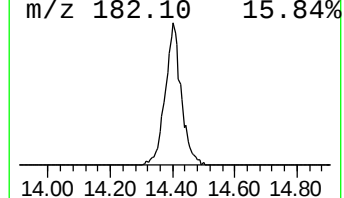
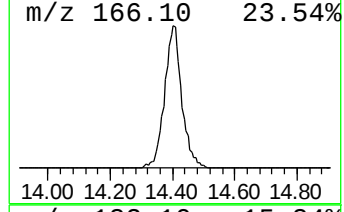
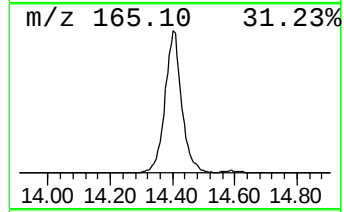
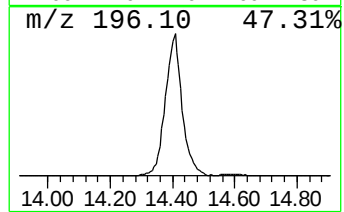
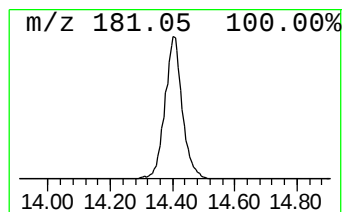
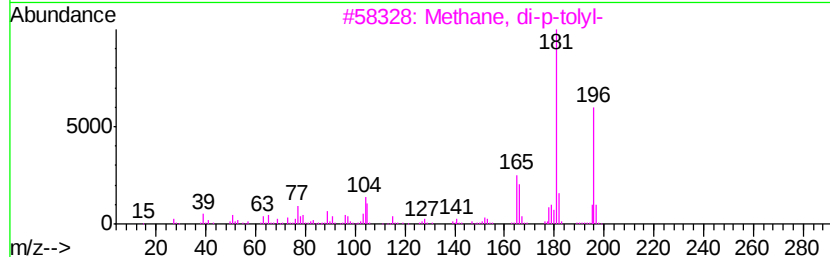
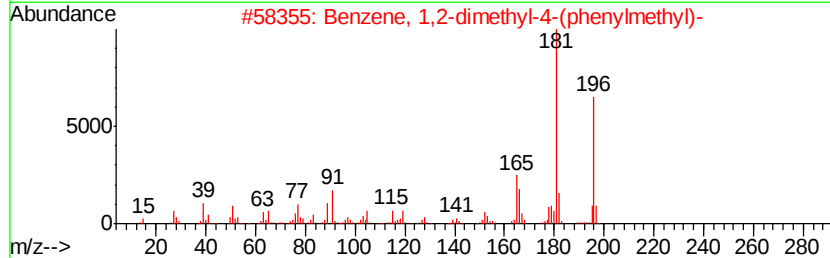
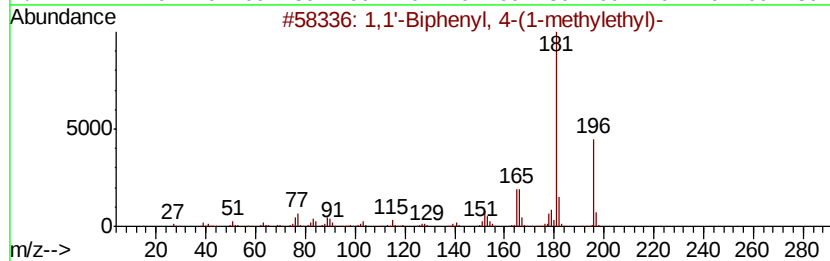
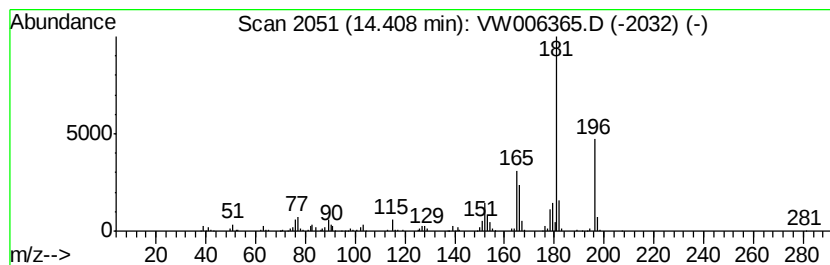
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	19.84 ug/L	514670	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	95
2		Benzene, 1,2-dimethyl-4-(phenylmethyl)-	196	C15H16	013540-56-2	91
3		Methane, di-p-tolyl-	196	C15H16	004957-14-6	91
4		Methane, di-p-tolyl-	196	C15H16	004957-14-6	91
5		Benzene, 2,4-dimethyl-1-(phenylmethyl)-	196	C15H16	028122-28-3	91



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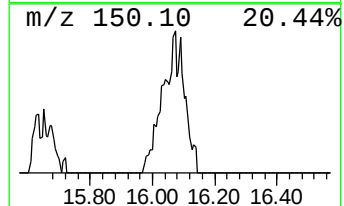
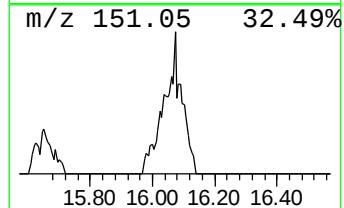
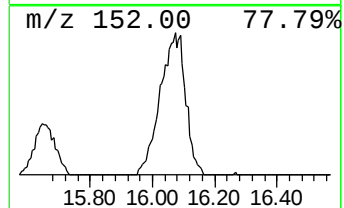
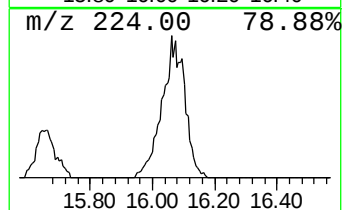
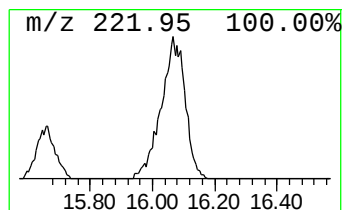
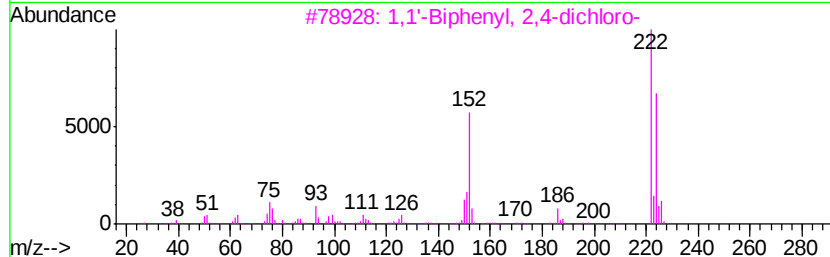
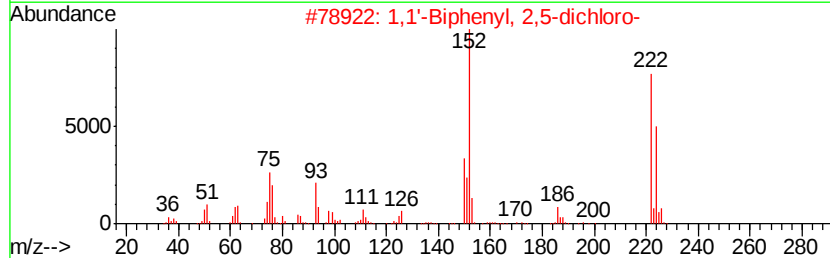
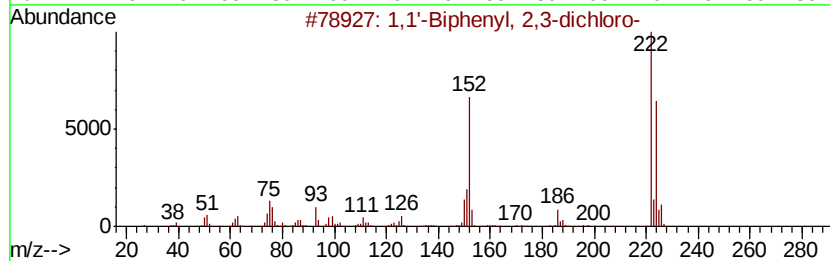
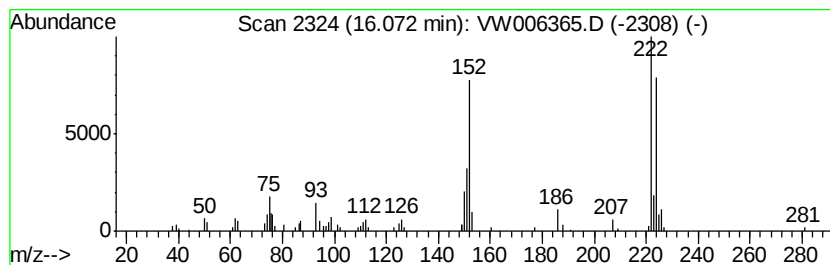
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	2.30 ug/L	59695	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	98
2		1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	97
3		1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	97
4		1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	97
5		1,1'-Biphenyl, 2,6-dichloro-	222	C12H8Cl2	033146-45-1	96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW102618\
Data File : VW006365.D
Acq On : 25 Oct 2018 15:30
Operator : SY/AP
Sample : J5657-05
Misc : 4.78G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40K3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--				
					#	RT	Resp	Conc	
1,1'-Biphenyl, 2,...	13.21	5.0	ug/L	128292	3	13.57	648500	25.0	
1,1'-Biphenyl, 4-...	14.41	19.8	ug/L	514670	3	13.57	648500	25.0	
1,1'-Biphenyl, 2,...	16.07	2.3	ug/L	59695	3	13.57	648500	25.0	