

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070623\
 Data File : VV031652.D
 Acq On : 06 Jul 2023 14:03
 Operator : SY/MD
 Sample : VIBLK221
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK221

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M

Title : VOC Analysis

Signal : TIC: VV031652.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.278	68	74	91	rVB	69543	78603	12.08%	1.266%
2	1.532	146	153	168	rVB	65334	79737	12.26%	1.284%
3	1.950	282	283	286	rBV2	507	236	0.04%	0.004%
4	2.002	296	299	305	rBV4	1045	999	0.15%	0.016%
5	2.060	307	317	331	rBV	111485	161298	24.80%	2.598%
6	2.211	360	364	366	rBV2	701	508	0.08%	0.008%
7	2.224	366	368	382	rVB3	1058	1705	0.26%	0.027%
8	2.275	382	384	389	rVB2	567	390	0.06%	0.006%
9	2.310	389	395	399	rBV2	369	511	0.08%	0.008%
10	2.400	418	423	425	rBV2	447	411	0.06%	0.007%
11	2.449	431	438	449	rVB2	4926	7889	1.21%	0.127%
12	2.494	449	452	454	rBV	339	223	0.03%	0.004%
13	2.519	457	460	464	rVV2	351	301	0.05%	0.005%
14	2.568	464	475	486	rVB4	1624	3164	0.49%	0.051%
15	2.786	540	543	546	rBV2	341	210	0.03%	0.003%
16	2.863	561	567	572	rVV2	292	285	0.04%	0.005%
17	2.957	592	596	603	rBV2	216	372	0.06%	0.006%
18	3.027	615	618	624	rVB2	202	229	0.04%	0.004%
19	3.166	658	661	663	rBV	258	216	0.03%	0.003%
20	3.789	844	855	894	rBV2	76622	221962	34.12%	3.575%
21	4.256	983	1000	1024	rBV	116601	300839	46.25%	4.846%
22	4.371	1034	1036	1039	rVB4	653	349	0.05%	0.006%
23	4.683	1129	1133	1134	rBV	333	223	0.03%	0.004%
24	4.793	1164	1167	1174	rBV	298	272	0.04%	0.004%
25	4.960	1201	1219	1249	rBV2	238216	650474	100.00%	10.478%
26	5.214	1292	1298	1301	rBV3	483	394	0.06%	0.006%
27	5.538	1386	1399	1420	rBV	211796	434445	66.79%	6.998%
28	5.773	1468	1472	1475	rBV2	490	399	0.06%	0.006%
29	5.796	1476	1479	1480	rVV	400	260	0.04%	0.004%
30	5.831	1480	1490	1504	rVB4	5098	11299	1.74%	0.182%
31	5.992	1527	1540	1563	rBV	157864	332633	51.14%	5.358%
32	6.178	1596	1598	1601	rVB2	399	241	0.04%	0.004%
33	6.262	1618	1624	1627	rVB2	262	299	0.05%	0.005%
34	6.304	1633	1637	1642	rBV2	261	243	0.04%	0.004%
35	6.577	1716	1722	1727	rBV5	483	698	0.11%	0.011%
36	6.857	1802	1809	1815	rVB4	754	1114	0.17%	0.018%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

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Start Thrs: 0.2

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Title : VOC Analysis

37	6.918	1817	1828	1855	rBV	74315	142879	21.97%	2.301%
38	7.120	1887	1891	1894	rBV3	417	368	0.06%	0.006%
39	7.249	1918	1931	1959	rBV	217588	396360	60.93%	6.384%
40	7.403	1976	1979	1980	rBV2	458	242	0.04%	0.004%
41	7.471	1998	2000	2003	rBV2	248	203	0.03%	0.003%
42	7.503	2006	2010	2014	rVB3	372	341	0.05%	0.005%
43	7.558	2017	2027	2047	rBV	55284	102006	15.68%	1.643%
44	7.770	2090	2093	2096	rBV3	279	234	0.04%	0.004%
45	7.889	2127	2130	2134	rVB3	434	363	0.06%	0.006%
46	8.030	2164	2174	2202	rBV	217583	391767	60.23%	6.310%
47	8.294	2253	2256	2258	rBV3	401	232	0.04%	0.004%
48	8.368	2268	2279	2290	rBV2	6551	11319	1.74%	0.182%
49	8.474	2308	2312	2315	rBV2	296	236	0.04%	0.004%
50	8.789	2399	2410	2435	rBV	327567	548136	84.27%	8.829%
51	8.963	2461	2464	2468	rVB4	494	341	0.05%	0.005%
52	9.037	2485	2487	2491	rVB	391	211	0.03%	0.003%
53	9.075	2496	2499	2502	rBV2	342	281	0.04%	0.005%
54	9.098	2503	2506	2510	rVB3	398	283	0.04%	0.005%
55	9.500	2629	2631	2635	rVB	358	210	0.03%	0.003%
56	9.661	2675	2681	2688	rBV	564	581	0.09%	0.009%
57	9.757	2708	2711	2717	rVB	319	280	0.04%	0.005%
58	9.905	2754	2757	2761	rBV2	268	273	0.04%	0.004%
59	10.159	2824	2836	2851	rBV	263892	417866	64.24%	6.731%
60	10.323	2884	2887	2890	rBV2	389	332	0.05%	0.005%
61	10.413	2911	2915	2917	rBV	454	208	0.03%	0.003%
62	10.432	2917	2921	2923	rVV	424	261	0.04%	0.004%
63	10.490	2934	2939	2943	rVB2	399	385	0.06%	0.006%
64	10.712	3005	3008	3014	rBV2	197	229	0.04%	0.004%
65	10.760	3018	3023	3024	rBV3	400	316	0.05%	0.005%
66	10.873	3056	3058	3064	rBV	451	364	0.06%	0.006%
67	10.937	3074	3078	3080	rBV2	297	272	0.04%	0.004%
68	11.062	3114	3117	3121	rBV	361	209	0.03%	0.003%
69	11.120	3131	3135	3136	rBV	294	223	0.03%	0.004%
70	11.191	3146	3157	3175	rBV	366270	559240	85.97%	9.008%
71	11.567	3262	3274	3293	rVV	326483	511925	78.70%	8.246%
72	11.699	3313	3315	3319	rBV2	395	247	0.04%	0.004%
73	11.747	3327	3330	3331	rBV2	374	215	0.03%	0.003%
74	11.802	3345	3347	3349	rVB	550	235	0.04%	0.004%
75	11.966	3395	3398	3404	rVB	600	564	0.09%	0.009%
76	11.998	3406	3408	3412	rVV2	502	337	0.05%	0.005%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Title : VOC Analysis

77	12.072	3429	3431	3434	rBV2	367	230	0.04%	0.004%
78	12.197	3466	3470	3472	rBV3	804	693	0.11%	0.011%
79	12.233	3477	3481	3483	rBV2	450	283	0.04%	0.005%
80	12.834	3664	3668	3669	rBV2	519	393	0.06%	0.006%
81	13.004	3719	3721	3724	rVB2	390	218	0.03%	0.004%
82	13.053	3733	3736	3738	rBV2	369	262	0.04%	0.004%
83	13.098	3747	3750	3751	rBV	474	288	0.04%	0.005%
84	13.284	3804	3808	3809	rBV2	707	395	0.06%	0.006%
85	13.365	3831	3833	3837	rBV2	447	343	0.05%	0.006%
86	13.532	3883	3885	3892	rVB2	594	401	0.06%	0.006%
87	13.680	3928	3931	3933	rBV2	547	304	0.05%	0.005%
88	13.750	3950	3953	3954	rBV2	443	249	0.04%	0.004%
89	13.863	3985	3988	3991	rBV2	507	354	0.05%	0.006%
90	14.152	4076	4078	4081	rBV2	401	229	0.04%	0.004%
91	14.191	4087	4090	4092	rBV	394	209	0.03%	0.003%
92	14.274	4114	4116	4120	rBV2	522	421	0.06%	0.007%
93	14.332	4132	4134	4139	rBV2	470	351	0.05%	0.006%
94	14.509	4187	4189	4192	rBV2	515	368	0.06%	0.006%
95	14.590	4212	4214	4218	rBV3	554	387	0.06%	0.006%
96	15.133	4381	4383	4388	rVB3	624	372	0.06%	0.006%
97	15.258	4420	4422	4424	rBV3	745	457	0.07%	0.007%
98	15.959	4636	4640	4643	rBV4	1747	1432	0.22%	0.023%
99	16.397	4766	4776	4792	rBV	154904	238254	36.63%	3.838%
100	17.480	5102	5113	5133	rVB	337556	577364	88.76%	9.300%

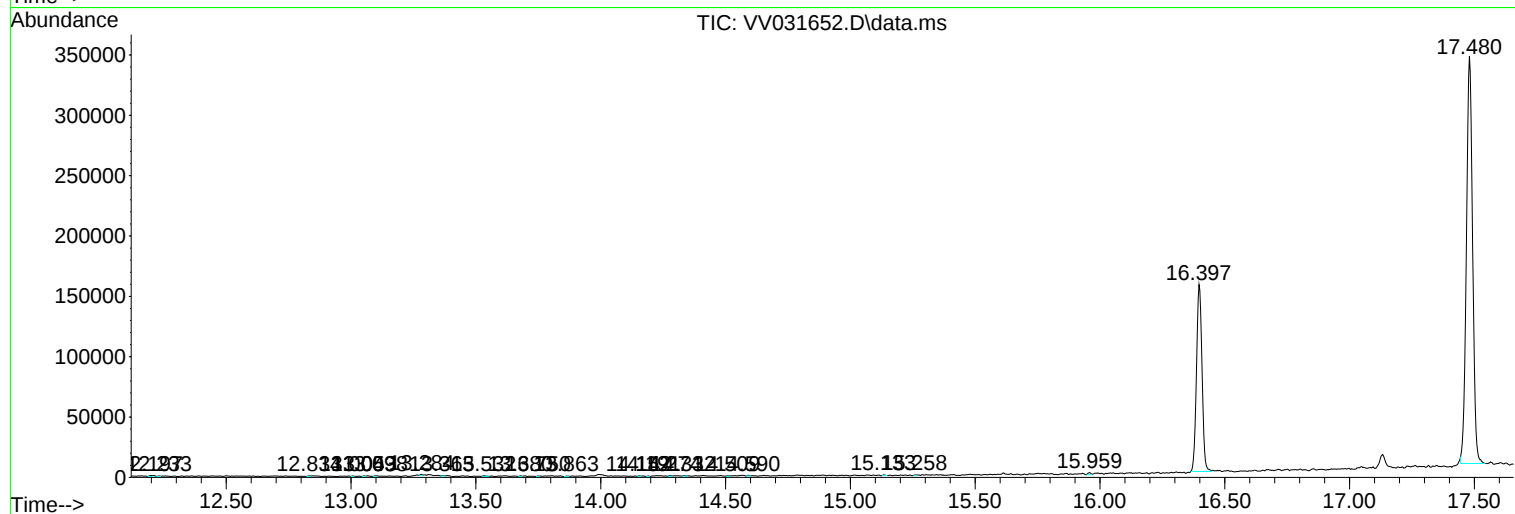
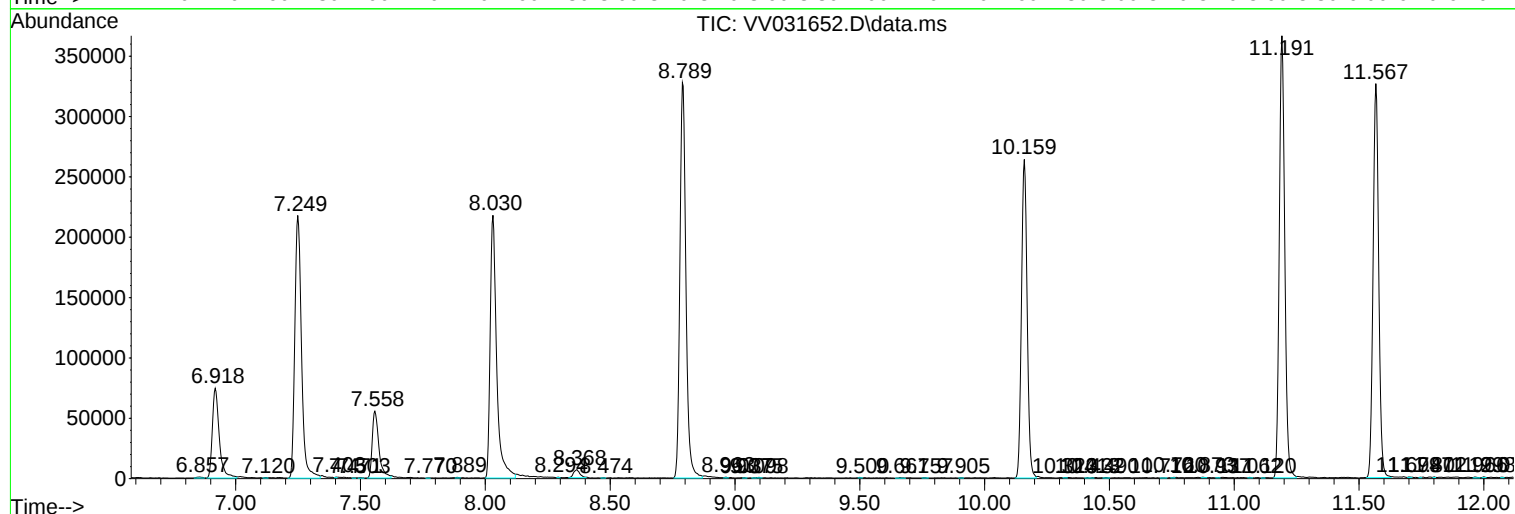
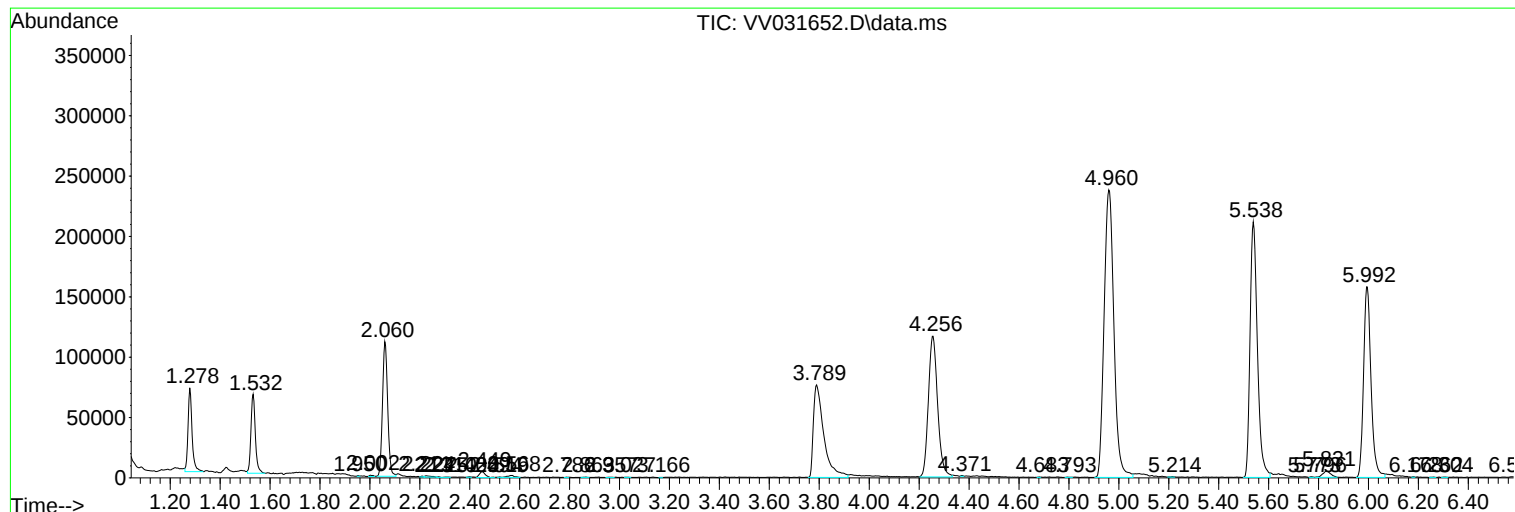
Sum of corrected areas: 6208262

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK221

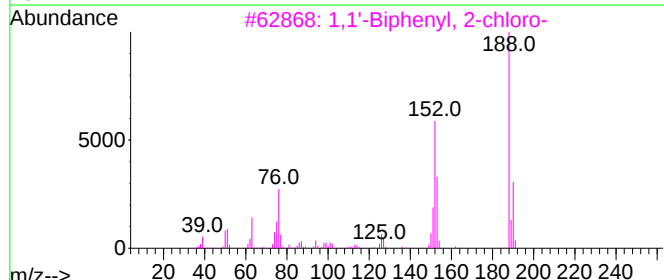
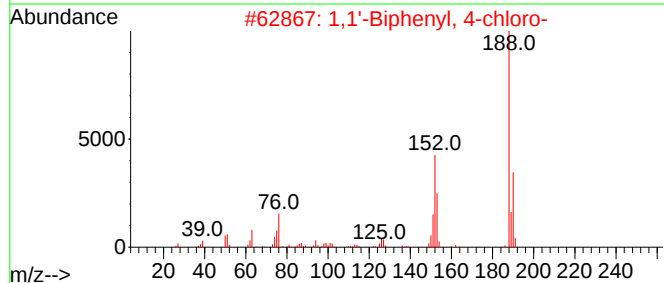
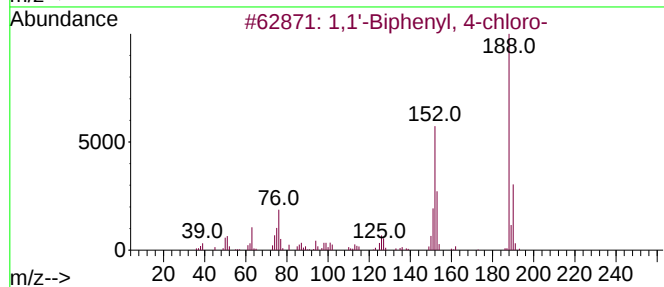
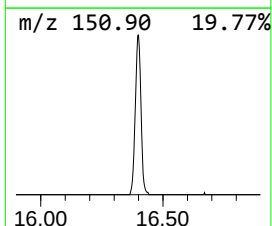
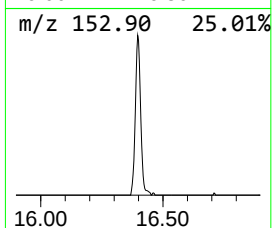
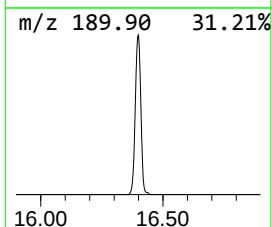
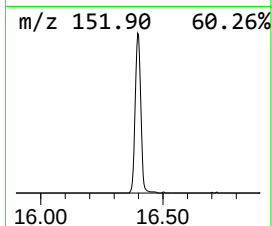
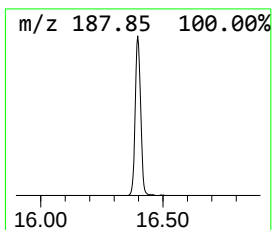
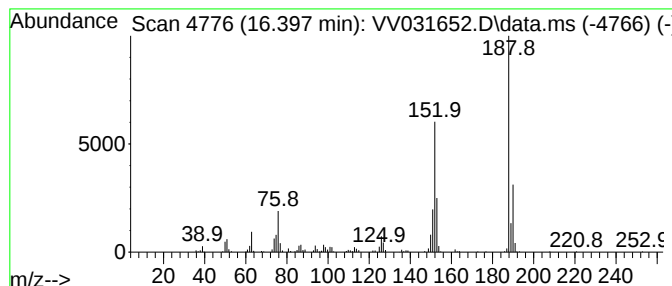
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,1'-Biphenyl, 4-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.397	21.30 ug/L	238254	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-chloro-			188	C12H9Cl	002051-62-9	97
2	1,1'-Biphenyl, 4-chloro-			188	C12H9Cl	002051-62-9	97
3	1,1'-Biphenyl, 2-chloro-			188	C12H9Cl	002051-60-7	96
4	3-Chlorobiphenyl			188	C12H9Cl	002051-61-8	95
5	3-Chlorobiphenyl			188	C12H9Cl	002051-61-8	94



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ClientSampleId :
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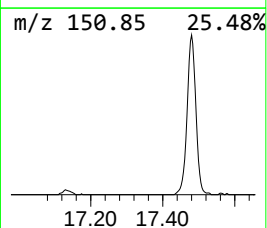
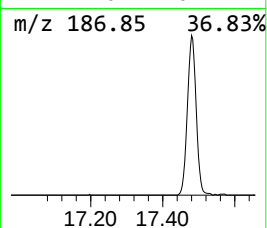
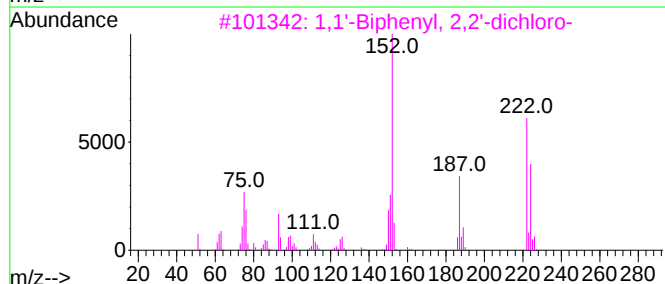
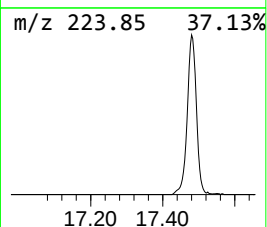
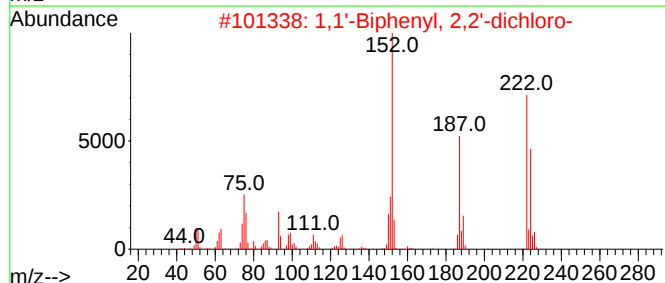
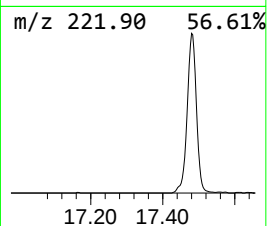
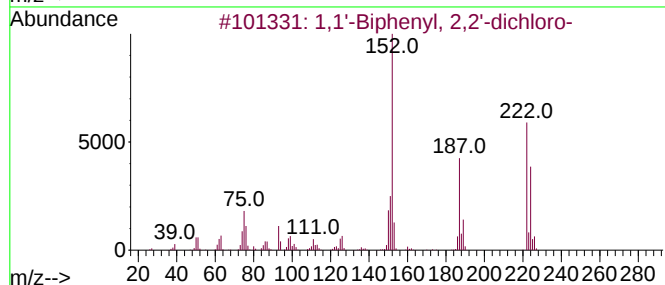
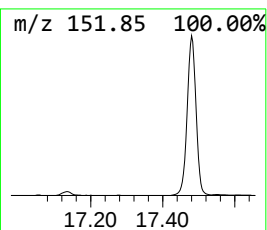
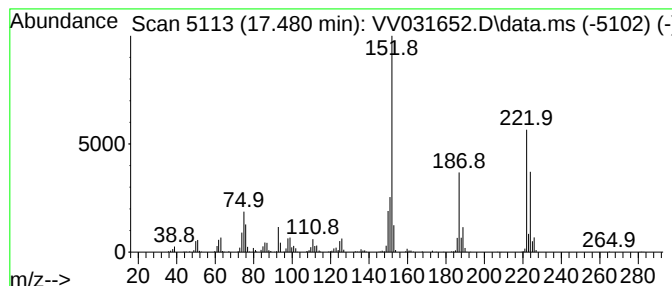
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.480	51.62 ug/L	577364	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99		
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99		
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99		
4	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98		
5	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	98		



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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,1'-Biphenyl, ...	16.397	21.3	ug/L	238254	3	11.191	559240	50.0
1,1'-Biphenyl, ...	17.480	51.6	ug/L	577364	3	11.191	559240	50.0