

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026473.D
 Acq On : 30 Jun 2023 15:29
 Operator : SY/MD
 Sample : 03478-06
 Misc : 5.45g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW65

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_W\Method\SFAMWLM062923SMA.M
 Title : SFAM01.0

Signal : TIC: VW026473.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.107	34	36	39	rVB2	1115	1216	0.04%	0.005%
2	2.149	39	43	46	rBV3	3267	5265	0.16%	0.022%
3	2.216	50	54	56	rBV5	5170	7807	0.24%	0.032%
4	2.363	70	78	97	rBV	128858	355907	11.07%	1.469%
5	2.893	158	165	183	rVB	108742	321196	9.99%	1.326%
6	3.100	197	199	200	rBV2	2328	1605	0.05%	0.007%
7	3.265	224	226	229	rBV4	1042	1381	0.04%	0.006%
8	3.326	234	236	239	rVB3	1735	1546	0.05%	0.006%
9	3.393	244	247	252	rVV6	2330	3015	0.09%	0.012%
10	3.472	257	260	263	rVB4	1083	1177	0.04%	0.005%
11	3.533	267	270	271	rVV3	1325	1587	0.05%	0.007%
12	3.600	279	281	283	rVB3	1041	912	0.03%	0.004%
13	3.661	288	291	292	rBV2	1227	1316	0.04%	0.005%
14	3.686	292	295	296	rBV3	1238	1093	0.03%	0.005%
15	3.716	299	300	304	rVB4	1141	1247	0.04%	0.005%
16	3.869	321	325	327	rBV4	824	1217	0.04%	0.005%
17	4.021	338	350	364	rBV	310939	1051898	32.72%	4.343%
18	4.289	391	394	397	rVB5	849	1032	0.03%	0.004%
19	4.387	403	410	420	rVV	15061	43231	1.34%	0.178%
20	4.490	426	427	433	rVB3	1312	1814	0.06%	0.007%
21	4.612	444	447	449	rVV4	1142	1364	0.04%	0.006%
22	4.667	452	456	457	rBV4	1226	1225	0.04%	0.005%
23	4.917	485	497	513	rBV	30595	122893	3.82%	0.507%
24	5.100	525	527	529	rVV3	1290	1347	0.04%	0.006%
25	5.124	529	531	533	rVV3	1752	2074	0.06%	0.009%
26	5.143	533	534	539	rVB5	1638	1519	0.05%	0.006%
27	5.289	556	558	561	rVB4	1115	1386	0.04%	0.006%
28	5.326	561	564	566	rBV3	893	1381	0.04%	0.006%
29	5.387	569	574	576	rBV5	1490	1728	0.05%	0.007%
30	5.429	578	581	583	rBV4	1441	1677	0.05%	0.007%
31	5.765	633	636	639	rVB4	1584	1824	0.06%	0.008%
32	5.941	656	665	676	rVB5	7722	23444	0.73%	0.097%
33	6.185	702	705	706	rBV2	906	970	0.03%	0.004%
34	6.642	778	780	785	rVB4	930	1207	0.04%	0.005%
35	6.905	820	823	825	rBV4	879	1056	0.03%	0.004%
36	6.984	833	836	837	rBV3	1091	1281	0.04%	0.005%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026473.D
 Acq On : 30 Jun 2023 15:29
 Operator : SY/MD
 Sample : 03478-06
 Misc : 5.45g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW65

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_W\Method\SFAMWLM062923SMA.M
 Title : SFAM01.0

37	7.075	841	851	856	rBV	104220	280202	8.71%	1.157%
38	7.136	857	861	876	rVB	98839	264757	8.23%	1.093%
39	7.459	912	914	920	rVB6	1140	1363	0.04%	0.006%
40	7.539	920	927	931	rBV9	1569	3285	0.10%	0.014%
41	7.648	935	945	956	rBV	510966	1251094	38.91%	5.165%
42	7.758	960	963	968	rBV6	1496	2010	0.06%	0.008%
43	7.880	975	983	988	rVB8	4260	10808	0.34%	0.045%
44	7.959	992	996	999	rVB6	1640	2108	0.07%	0.009%
45	7.996	1000	1002	1006	rVB5	1369	1860	0.06%	0.008%
46	8.039	1006	1009	1011	rBV4	1110	1454	0.05%	0.006%
47	8.179	1026	1032	1033	rVB5	964	1004	0.03%	0.004%
48	8.203	1033	1036	1037	rBV3	1028	1167	0.04%	0.005%
49	8.276	1037	1048	1064	rBV2	1104649	3215308	100.00%	13.275%
50	8.465	1078	1079	1082	rVB2	1208	1140	0.04%	0.005%
51	8.618	1102	1104	1109	rBV5	1994	2648	0.08%	0.011%
52	8.685	1113	1115	1120	rVB5	2218	3451	0.11%	0.014%
53	8.843	1129	1141	1154	rBV	1205617	2426466	75.47%	10.018%
54	9.081	1173	1180	1191	rVB9	11371	30317	0.94%	0.125%
55	9.276	1203	1212	1221	rBV	732541	1512655	47.05%	6.245%
56	9.538	1253	1255	1257	rVB2	1413	959	0.03%	0.004%
57	9.666	1270	1276	1280	rBV5	3619	7339	0.23%	0.030%
58	9.855	1304	1307	1310	rVB4	1282	1656	0.05%	0.007%
59	9.904	1310	1315	1319	rBV7	1615	2785	0.09%	0.011%
60	10.032	1329	1336	1345	rVV	385057	706971	21.99%	2.919%
61	10.130	1348	1352	1358	rVB6	3508	7466	0.23%	0.031%
62	10.215	1362	1366	1370	rBV4	2469	3288	0.10%	0.014%
63	10.325	1375	1384	1393	rBV	1460525	2626606	81.69%	10.844%
64	10.392	1393	1395	1408	rVB10	5602	10614	0.33%	0.044%
65	10.495	1410	1412	1417	rVB6	1564	2136	0.07%	0.009%
66	10.575	1417	1425	1437	rBV	243760	436713	13.58%	1.803%
67	10.703	1437	1446	1453	rBV	36336	69657	2.17%	0.288%
68	10.861	1466	1472	1476	rBV8	5254	11603	0.36%	0.048%
69	10.922	1476	1482	1495	rBV	339731	597430	18.58%	2.467%
70	11.062	1500	1505	1510	rVB4	10083	17748	0.55%	0.073%
71	11.172	1518	1523	1528	rVB9	2525	5930	0.18%	0.024%
72	11.282	1538	1541	1545	rBV6	1543	2369	0.07%	0.010%
73	11.312	1545	1546	1551	rBV5	1427	1882	0.06%	0.008%
74	11.434	1557	1566	1571	rBV3	12458	26025	0.81%	0.107%
75	11.532	1578	1582	1584	rBV5	1466	1952	0.06%	0.008%
76	11.629	1590	1598	1609	rBV	1594723	2654840	82.57%	10.961%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026473.D
 Acq On : 30 Jun 2023 15:29
 Operator : SY/MD
 Sample : 03478-06
 Misc : 5.45g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW65

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_W\Method\SFAMWLM062923SMA.M
 Title : SFAM01.0

77	11.824	1628	1630	1631	rBV2	1874	1822	0.06%	0.008%
78	12.135	1678	1681	1682	rBV3	1068	1147	0.04%	0.005%
79	12.172	1682	1687	1696	rVB9	3754	9192	0.29%	0.038%
80	12.306	1707	1709	1710	rVB2	1924	1113	0.03%	0.005%
81	12.330	1710	1713	1714	rBV3	1311	1135	0.04%	0.005%
82	12.355	1714	1717	1718	rBV3	1354	1279	0.04%	0.005%
83	12.519	1740	1744	1745	rBV4	1750	1982	0.06%	0.008%
84	12.605	1750	1758	1764	rBV	51396	97509	3.03%	0.403%
85	12.690	1764	1772	1780	rBV	565785	915283	28.47%	3.779%
86	12.983	1795	1820	1834	rBV3	52924	383605	11.93%	1.584%
87	13.184	1851	1853	1858	rVB4	3623	4122	0.13%	0.017%
88	13.288	1867	1870	1877	rVB3	10384	17339	0.54%	0.072%
89	13.367	1881	1883	1884	rBV2	2239	1427	0.04%	0.006%
90	13.403	1885	1889	1892	rVB3	6632	9430	0.29%	0.039%
91	13.470	1896	1900	1903	rBV6	5156	9605	0.30%	0.040%
92	13.556	1907	1914	1927	rVB	1460519	2363447	73.51%	9.758%
93	13.763	1944	1948	1950	rBV5	4264	5381	0.17%	0.022%
94	13.848	1955	1962	1969	rBV	1142791	1857657	57.78%	7.670%
95	14.062	1992	1997	2002	rVB2	24842	42060	1.31%	0.174%
96	14.714	2101	2104	2114	rBV2	7411	16122	0.50%	0.067%
97	14.842	2118	2125	2134	rVB4	20149	66119	2.06%	0.273%
98	15.117	2168	2170	2171	rBV2	3753	3553	0.11%	0.015%
99	15.427	2216	2221	2226	rVB	33075	53274	1.66%	0.220%
100	15.921	2290	2302	2318	rVB4	36230	176626	5.49%	0.729%

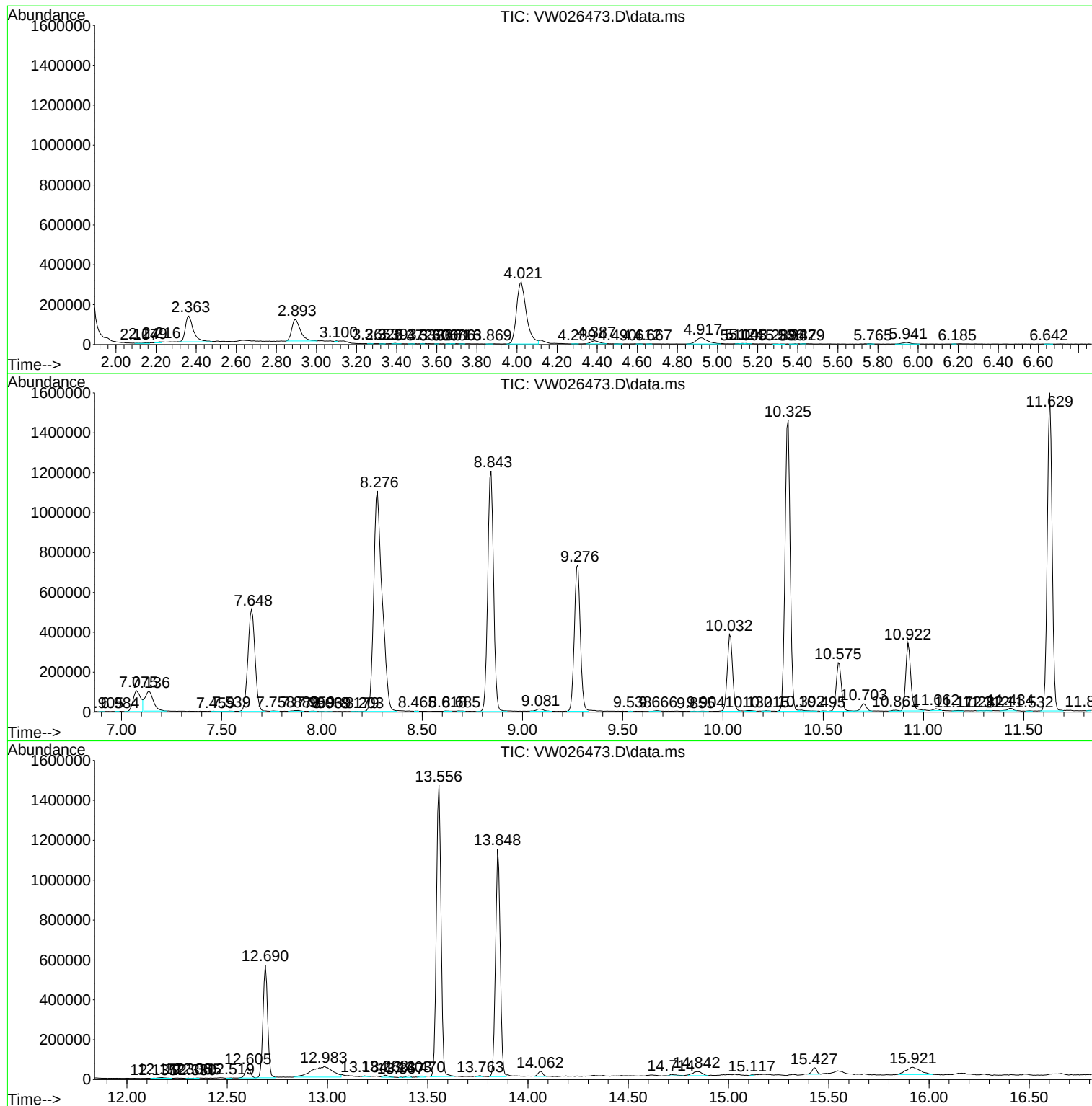
Sum of corrected areas: 24221133

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026473.D
Acq On : 30 Jun 2023 15:29
Operator : SY/MD
Sample : 03478-06
Misc : 5.45g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YBW65

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026473.D
Acq On : 30 Jun 2023 15:29
Operator : SY/MD
Sample : 03478-06
Misc : 5.45g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YBW65

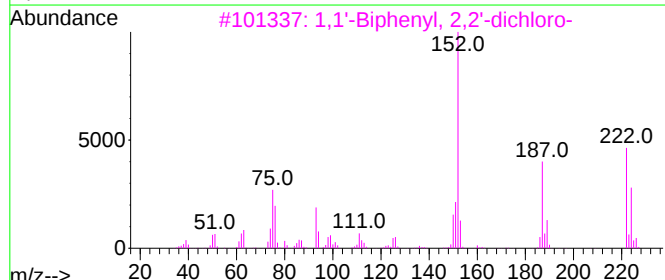
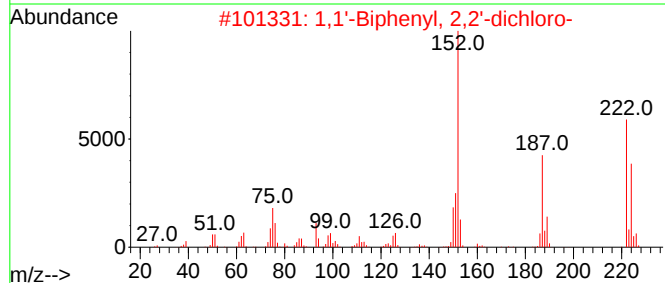
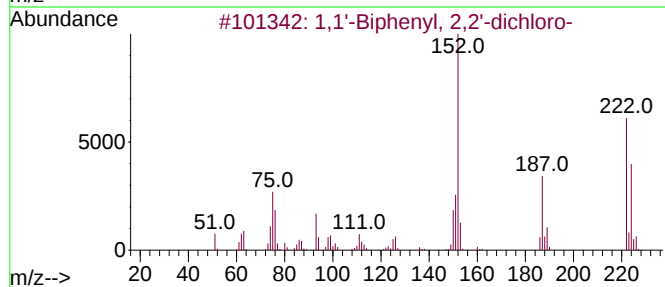
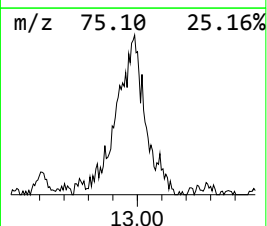
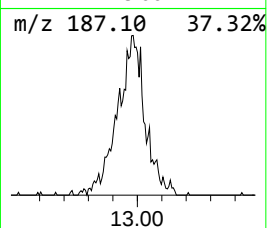
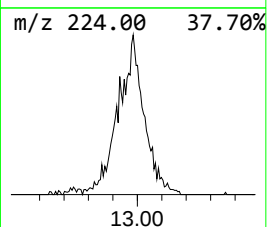
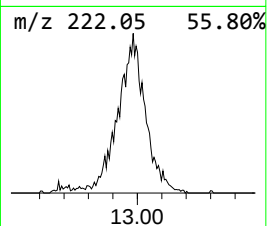
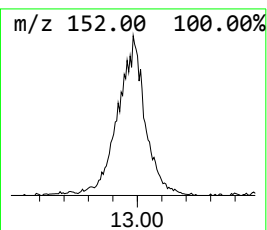
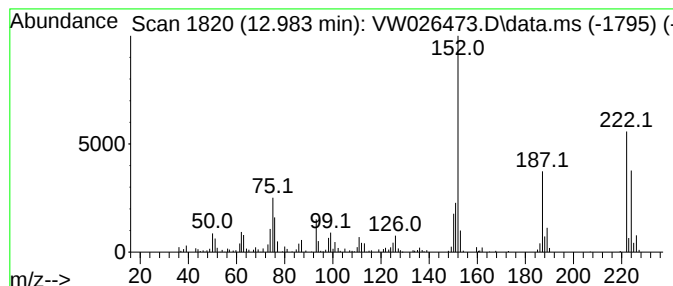
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.983	4.06 ug/L	383605	1,4-Dichlorobenzene-d4	13.556

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	98		
4	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	97		
5	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	95		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026473.D
Acq On : 30 Jun 2023 15:29
Operator : SY/MD
Sample : 03478-06
Misc : 5.45g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YBW65

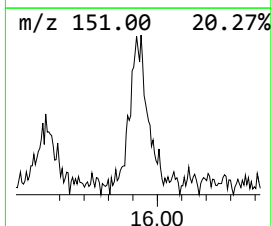
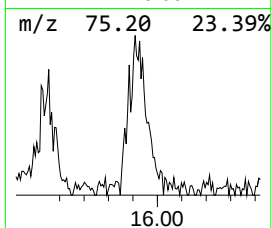
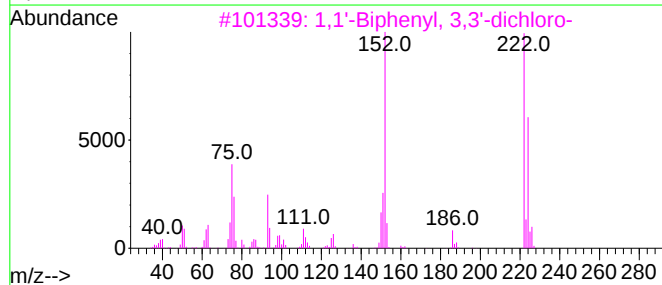
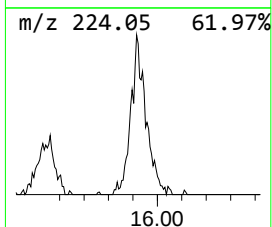
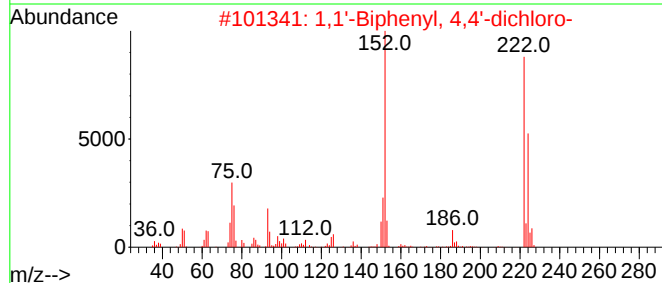
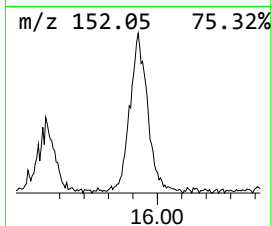
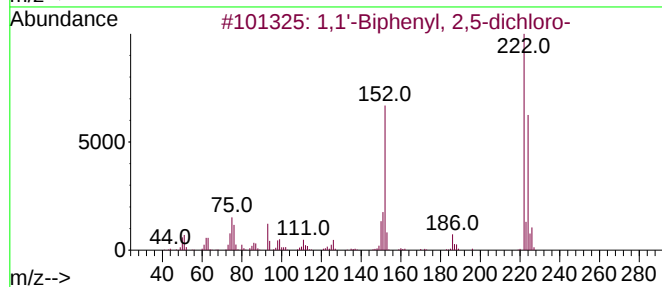
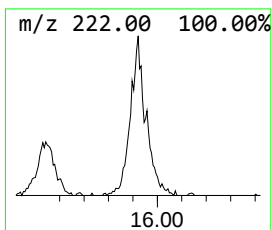
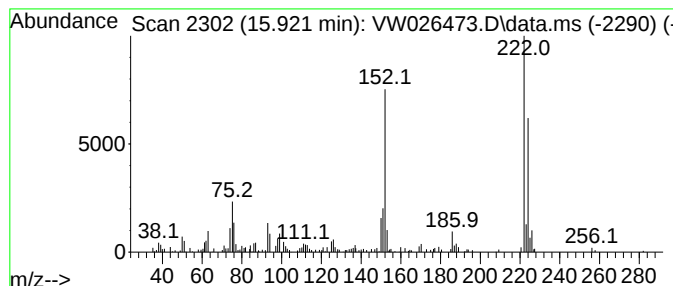
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 1,1'-Biphenyl, 2,5-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.921	1.87 ug/L	176626	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	99
2			1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	98
3			1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
4			1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	98
5			1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	98



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026473.D
Acq On : 30 Jun 2023 15:29
Operator : SY/MD
Sample : 03478-06
Misc : 5.45g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YBW65

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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, ...	12.983	4.1	ug/L	383605	3	13.556	2363450	25.0
1,1'-Biphenyl, ...	15.921	1.9	ug/L	176626	3	13.556	2363450	25.0