

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026378.D
 Acq On : 28 Jun 2023 01:37
 Operator : SY/MD
 Sample : 03420-17
 Misc : 4.24g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46G8

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\SFAMWLM062623SMA.M
 Title : SFAM01.0

Signal : TIC: VW026378.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.149	39	43	45	rBV3	6179	8345	0.22%	0.027%
2	2.223	50	55	57	rVV6	5529	11524	0.30%	0.037%
3	2.271	61	63	68	rVV6	5097	8625	0.23%	0.027%
4	2.363	71	78	93	rVV	183845	473291	12.52%	1.505%
5	2.643	121	124	126	rBV4	5466	7819	0.21%	0.025%
6	2.893	157	165	183	rBV	157932	446085	11.80%	1.419%
7	3.424	250	252	254	rBV3	1831	1561	0.04%	0.005%
8	3.558	266	274	282	rVB3	6735	20127	0.53%	0.064%
9	3.625	282	285	288	rBV5	1775	1924	0.05%	0.006%
10	3.661	288	291	297	rVB8	1879	3735	0.10%	0.012%
11	3.728	297	302	303	rBV5	1925	2492	0.07%	0.008%
12	3.856	320	323	326	rVB5	1050	1531	0.04%	0.005%
13	3.905	326	331	332	rVB5	1759	1980	0.05%	0.006%
14	3.930	332	335	337	rVB4	1557	1716	0.05%	0.005%
15	4.021	340	350	382	rVB	366018	1225711	32.43%	3.898%
16	4.228	382	384	387	rBV3	1089	1537	0.04%	0.005%
17	4.320	395	399	401	rBV5	1825	2664	0.07%	0.008%
18	4.393	405	411	413	rVV6	2737	4527	0.12%	0.014%
19	4.429	413	417	418	rVV4	1966	2728	0.07%	0.009%
20	4.442	418	419	422	rVB3	1743	1685	0.04%	0.005%
21	4.490	424	427	429	rBV4	1254	1443	0.04%	0.005%
22	4.570	436	440	441	rBV4	2088	2230	0.06%	0.007%
23	4.612	441	447	448	rVB6	1163	1418	0.04%	0.005%
24	4.655	451	454	455	rVB3	1461	1290	0.03%	0.004%
25	4.673	455	457	461	rBV4	1783	2170	0.06%	0.007%
26	4.777	471	474	477	rVB5	1537	2307	0.06%	0.007%
27	4.820	479	481	485	rVB5	1483	2142	0.06%	0.007%
28	4.923	488	498	506	rBV3	17934	61317	1.62%	0.195%
29	5.015	506	513	522	rVB6	6082	22454	0.59%	0.071%
30	5.106	522	528	530	rVB7	943	1591	0.04%	0.005%
31	5.124	530	531	534	rVB3	1683	1433	0.04%	0.005%
32	5.588	605	607	609	rVB3	2058	1434	0.04%	0.005%
33	5.740	630	632	633	rBV2	1771	1375	0.04%	0.004%
34	5.850	649	650	653	rBV3	1286	1342	0.04%	0.004%
35	5.905	653	659	662	rBV8	1408	3709	0.10%	0.012%
36	5.935	662	664	665	rVV2	4199	3254	0.09%	0.010%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Title : SFAM01.0

37	5.960	665	668	670	rVV3	2926	3988	0.11%	0.013%
38	5.996	673	674	679	rVB5	1332	1794	0.05%	0.006%
39	6.411	737	742	745	rBV7	1523	2951	0.08%	0.009%
40	6.472	750	752	753	rBV2	1579	1313	0.03%	0.004%
41	6.673	780	785	786	rVB5	1711	2741	0.07%	0.009%
42	6.685	786	787	789	rBV2	1986	1580	0.04%	0.005%
43	6.771	799	801	805	rVB5	1555	1805	0.05%	0.006%
44	6.966	829	833	834	rBV3	1689	1465	0.04%	0.005%
45	6.990	834	837	838	rBV3	1785	1851	0.05%	0.006%
46	7.014	839	841	843	rVB3	2057	1429	0.04%	0.005%
47	7.075	843	851	874	rBV2	108752	350700	9.28%	1.115%
48	7.338	891	894	896	rBV4	2511	3567	0.09%	0.011%
49	7.417	906	907	911	rVB4	1788	1625	0.04%	0.005%
50	7.472	911	916	917	rBV5	2130	2423	0.06%	0.008%
51	7.648	935	945	958	rVB	632706	1547803	40.95%	4.923%
52	7.752	960	962	966	rVV5	1984	2551	0.07%	0.008%
53	7.880	981	983	987	rVB5	1594	2071	0.05%	0.007%
54	7.917	987	989	991	rBV3	1230	1294	0.03%	0.004%
55	8.069	1013	1014	1019	rVB5	2498	2100	0.06%	0.007%
56	8.154	1026	1028	1029	rBV2	1954	1667	0.04%	0.005%
57	8.185	1031	1033	1036	rVB4	1500	1597	0.04%	0.005%
58	8.276	1038	1048	1064	rBV2	1279080	3779666	100.00%	12.021%
59	8.563	1090	1095	1096	rBV5	1232	1563	0.04%	0.005%
60	8.606	1100	1102	1105	rBV4	2015	2268	0.06%	0.007%
61	8.679	1111	1114	1116	rBV4	2439	3186	0.08%	0.010%
62	8.740	1123	1124	1129	rVB4	1212	1361	0.04%	0.004%
63	8.843	1132	1141	1154	rVV	1565672	3131855	82.86%	9.961%
64	8.935	1154	1156	1158	rVV3	2659	2001	0.05%	0.006%
65	8.959	1158	1160	1164	rVB5	2142	2760	0.07%	0.009%
66	9.051	1173	1175	1176	rBV2	1941	1356	0.04%	0.004%
67	9.075	1176	1179	1184	rVB7	3517	5769	0.15%	0.018%
68	9.203	1197	1200	1202	rVB4	1384	1470	0.04%	0.005%
69	9.270	1202	1211	1222	rBV	891548	1827360	48.35%	5.812%
70	9.398	1231	1232	1236	rBV4	2101	1701	0.05%	0.005%
71	9.477	1243	1245	1248	rVB4	1300	1413	0.04%	0.004%
72	9.551	1253	1257	1258	rBV4	2393	2726	0.07%	0.009%
73	9.593	1261	1264	1265	rBV2	1663	1546	0.04%	0.005%
74	9.660	1272	1275	1278	rBV5	2685	4714	0.12%	0.015%
75	9.727	1285	1286	1288	rBV2	1890	1450	0.04%	0.005%
76	9.886	1308	1312	1314	rBV5	1931	2759	0.07%	0.009%

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77	9.959	1321	1324	1326	rBV4	1482	2090	0.06%	0.007%
78	10.032	1329	1336	1349	rVV	466647	857572	22.69%	2.728%
79	10.221	1365	1367	1370	rBV4	2206	1692	0.04%	0.005%
80	10.325	1374	1384	1391	rVV	1747095	3160234	83.61%	10.051%
81	10.386	1391	1394	1400	rVB2	15455	28031	0.74%	0.089%
82	10.489	1410	1411	1412	rBV	1868	1339	0.04%	0.004%
83	10.575	1419	1425	1437	rBV	302264	520293	13.77%	1.655%
84	10.697	1441	1445	1450	rVB3	7205	13304	0.35%	0.042%
85	10.861	1468	1472	1475	rBV6	1995	3165	0.08%	0.010%
86	10.922	1476	1482	1493	rBV	378808	660630	17.48%	2.101%
87	11.239	1530	1534	1535	rBV4	4996	7051	0.19%	0.022%
88	11.349	1538	1552	1553	rBV6	25055	82313	2.18%	0.262%
89	11.568	1586	1588	1589	rVB2	3385	2044	0.05%	0.007%
90	11.629	1590	1598	1610	rBV	2150149	3667711	97.04%	11.665%
91	12.459	1733	1734	1735	rBV	5379	3851	0.10%	0.012%
92	12.599	1755	1757	1765	rVB4	19314	34534	0.91%	0.110%
93	12.690	1766	1772	1780	rBV	617727	1020368	27.00%	3.245%
94	12.995	1801	1822	1847	rVB2	234760	1598822	42.30%	5.085%
95	13.556	1907	1914	1926	rVB	2207426	3476342	91.97%	11.057%
96	13.849	1955	1962	1970	rBV	1496462	2457784	65.03%	7.817%
97	14.848	2119	2126	2140	rVB4	124300	391948	10.37%	1.247%
98	15.318	2199	2203	2209	rBV2	28747	49747	1.32%	0.158%
99	15.921	2296	2302	2316	rVB4	69141	270538	7.16%	0.860%
100	16.275	2355	2360	2366	rBV	40929	74302	1.97%	0.236%

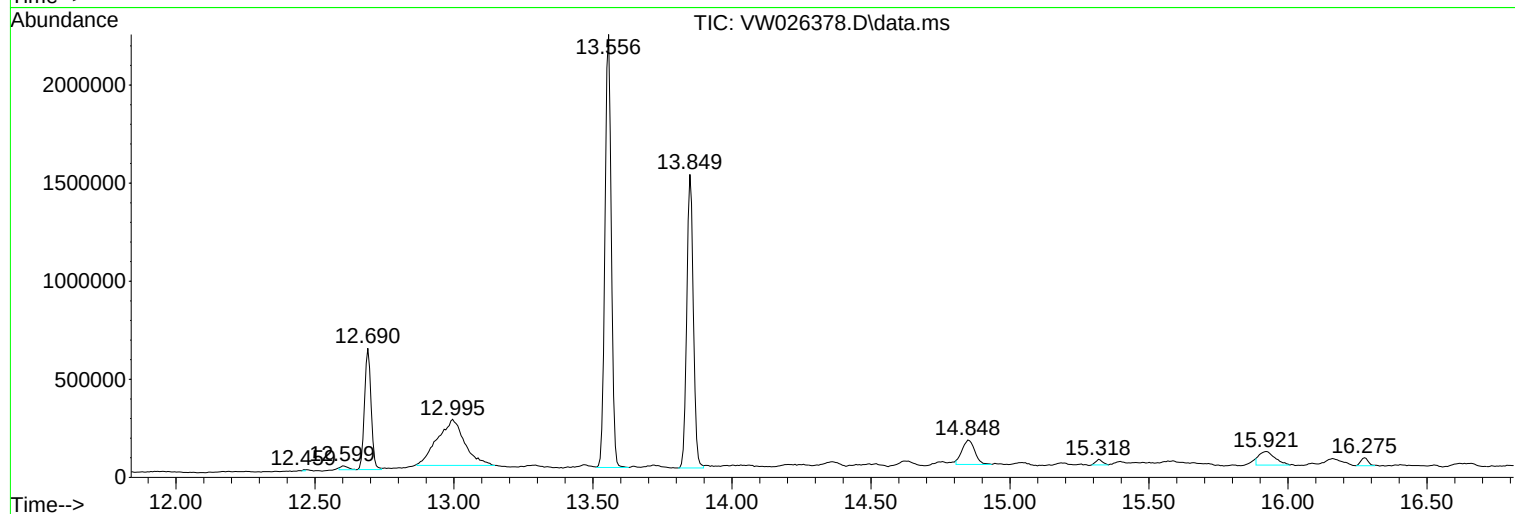
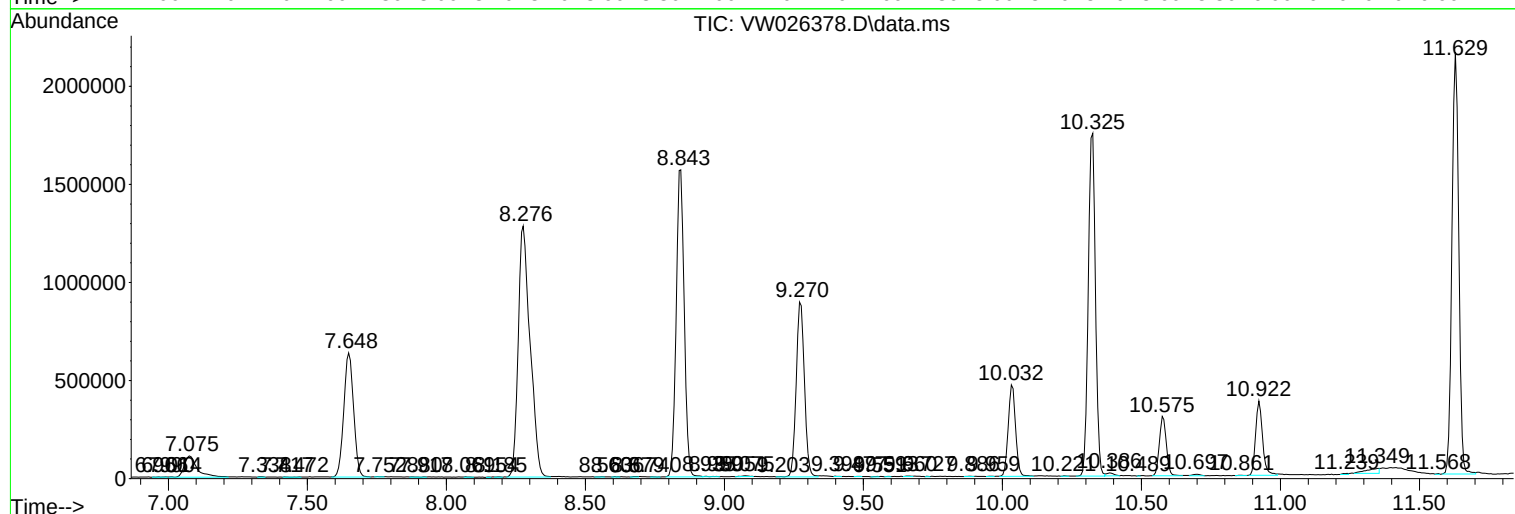
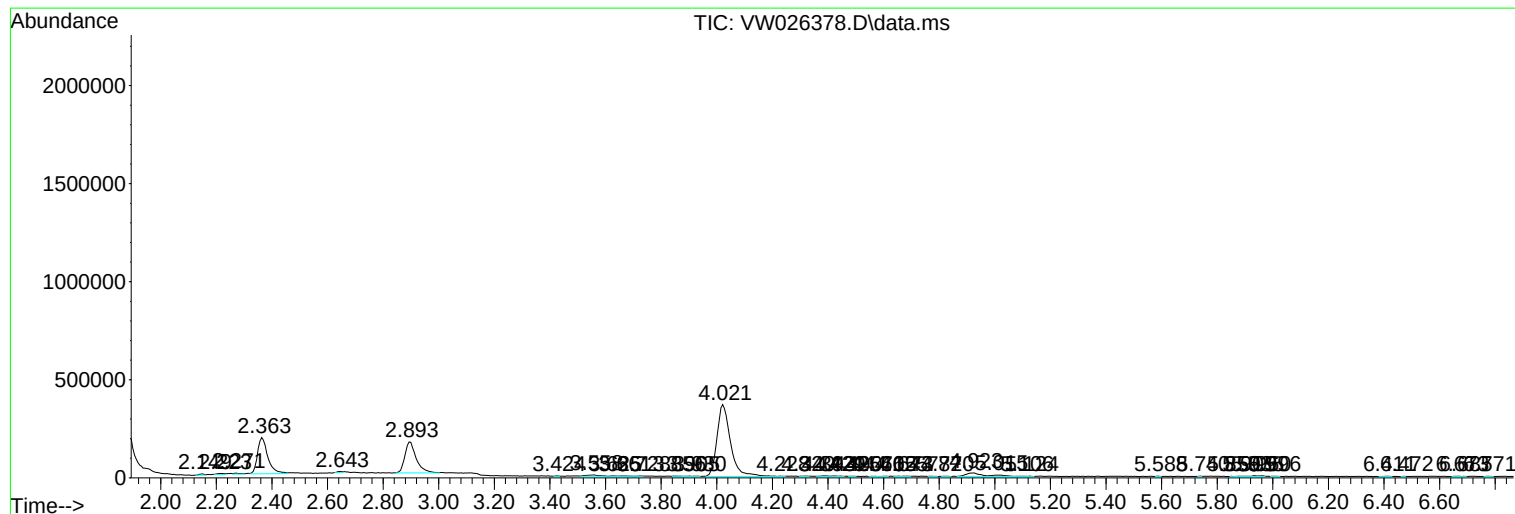
Sum of corrected areas: 31441460

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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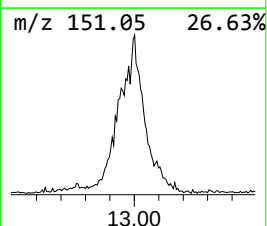
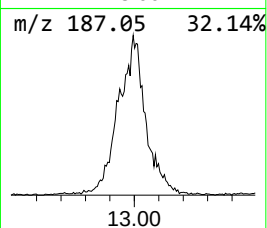
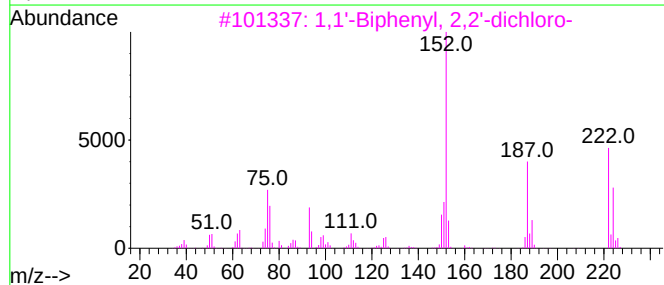
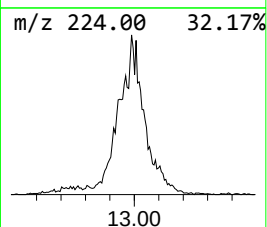
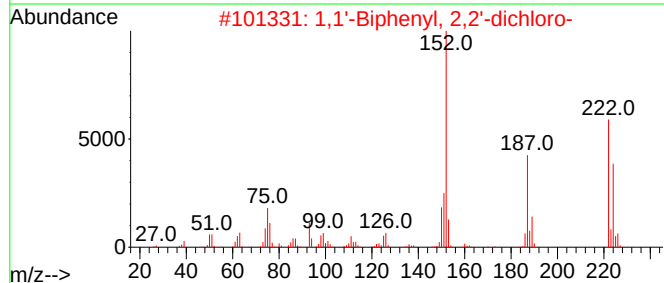
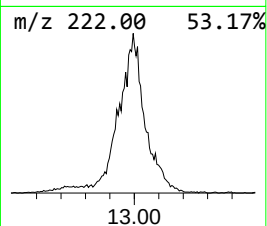
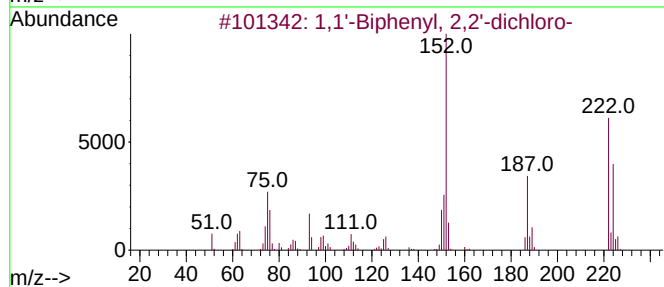
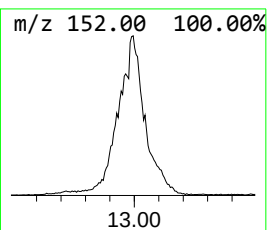
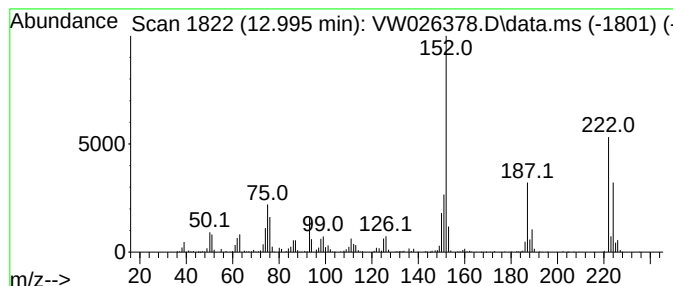
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.995	11.50 ug/L	1598820	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	99		
4	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98		
5	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	97		



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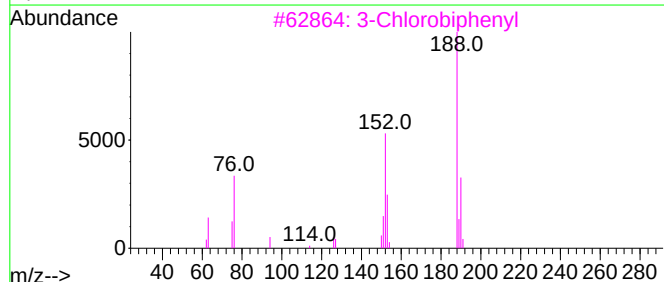
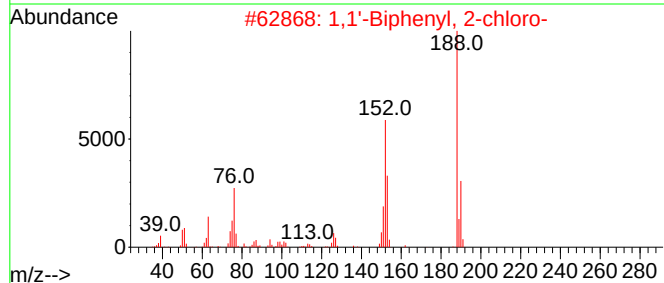
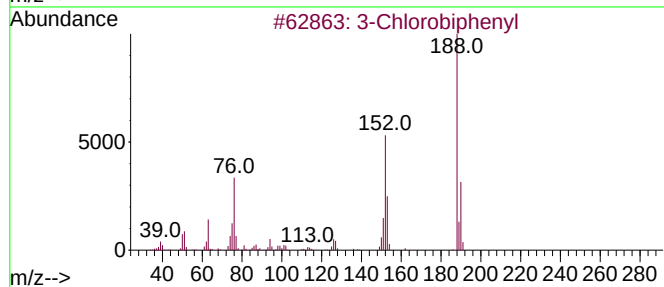
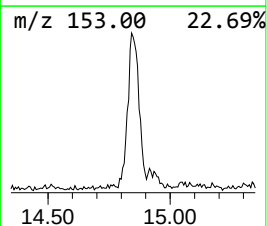
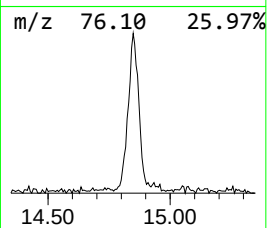
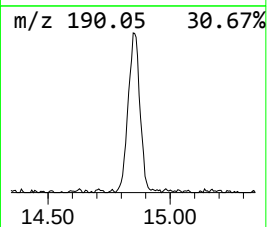
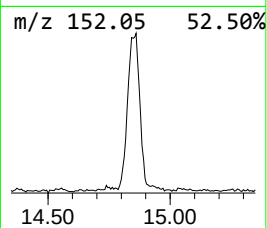
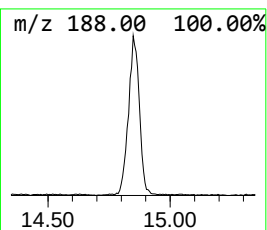
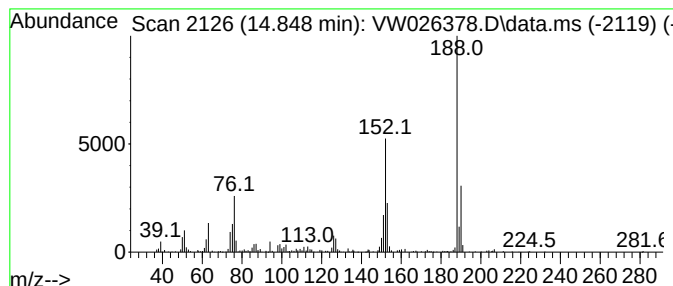
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 3-Chlorobiphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	2.82 ug/L	391948	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	99
2			1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	98
3			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	98
4			1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	97
5			1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	96



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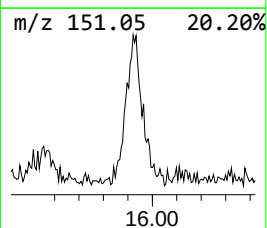
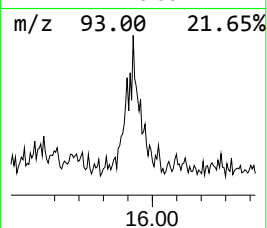
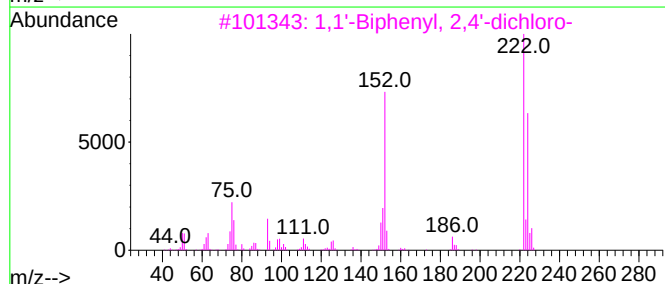
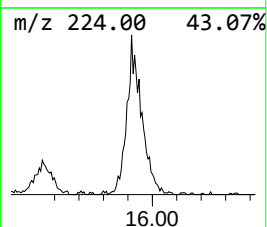
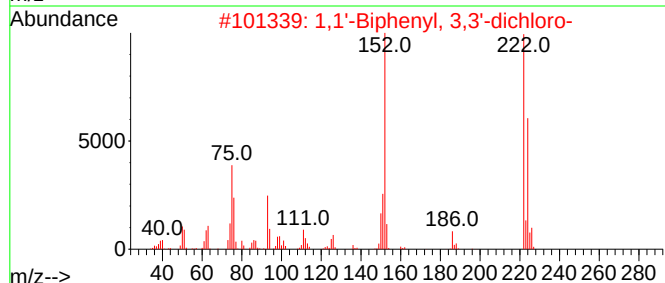
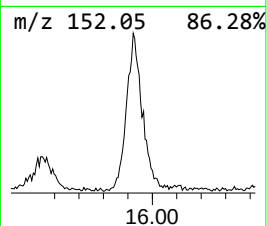
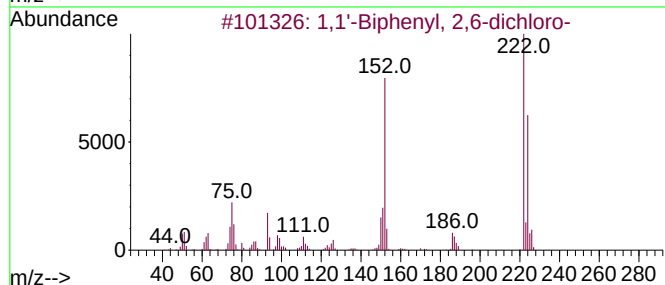
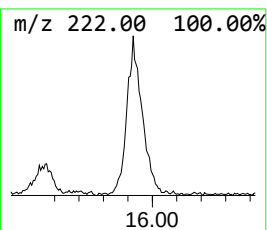
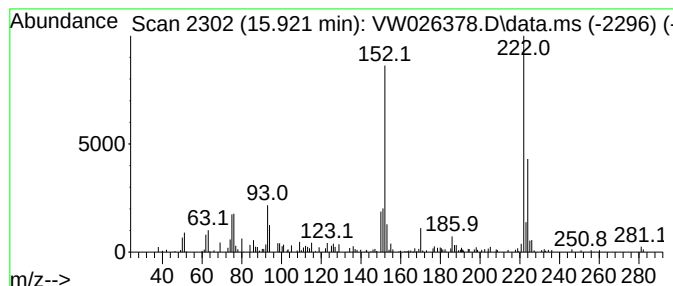
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 1,1'-Biphenyl, 2,6-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.921	1.95 ug/L	270538	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,6-dichloro-	222	C12H8Cl2	033146-45-1	91		
2	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	91		
3	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	86		
4	1,1'-Biphenyl, 2,6-dichloro-	222	C12H8Cl2	033146-45-1	83		
5	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	80		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026378.D
Acq On : 28 Jun 2023 01:37
Operator : SY/MD
Sample : 03420-17
Misc : 4.24g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46G8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.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, ...	12.995	11.5	ug/L	1598820	3	13.556	3476340	25.0
3-Chlorobiphenyl	14.848	2.8	ug/L	391948	3	13.556	3476340	25.0
1,1'-Biphenyl, ...	15.921	2.0	ug/L	270538	3	13.556	3476340	25.0