

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
 Data File : VW026533.D
 Acq On : 05 Jul 2023 15:55
 Operator : SY/MD
 Sample : 03504-20
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46S0

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\SFAMWLM070323SMA.M
 Title : SFAM01.0

Signal : TIC: VW026533.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.143	37	42	46	rBV3	10088	19316	0.58%	0.065%
2	2.235	50	57	60	rBV8	8485	23520	0.70%	0.079%
3	2.363	71	78	95	rBV	135670	427354	12.80%	1.432%
4	2.893	158	165	181	rBV	124725	368838	11.04%	1.236%
5	3.289	228	230	233	rVB4	1537	1416	0.04%	0.005%
6	3.387	240	246	247	rBV6	2672	3761	0.11%	0.013%
7	3.533	267	270	275	rBV7	859	1639	0.05%	0.005%
8	3.588	276	279	281	rVV4	1206	1096	0.03%	0.004%
9	3.680	293	294	297	rBV3	828	1068	0.03%	0.004%
10	3.716	297	300	301	rBV3	1099	1266	0.04%	0.004%
11	3.826	314	318	322	rVB7	1203	2234	0.07%	0.007%
12	3.875	322	326	328	rBV5	816	1010	0.03%	0.003%
13	3.917	328	333	336	rVB7	2024	3346	0.10%	0.011%
14	4.015	339	349	374	rBV	310049	1146554	34.33%	3.841%
15	4.222	382	383	386	rVB3	1495	885	0.03%	0.003%
16	4.289	392	394	396	rVB4	1244	867	0.03%	0.003%
17	4.375	402	408	409	rBV5	605	1084	0.03%	0.004%
18	4.539	433	435	438	rBV4	907	1009	0.03%	0.003%
19	4.673	454	457	459	rBV4	890	1017	0.03%	0.003%
20	4.747	465	469	471	rBV5	1333	1157	0.03%	0.004%
21	4.923	484	498	516	rBV3	19862	89506	2.68%	0.300%
22	5.045	516	518	520	rVV3	1863	1644	0.05%	0.006%
23	5.070	520	522	523	rVB2	1539	1005	0.03%	0.003%
24	5.100	525	527	528	rVV2	1587	1149	0.03%	0.004%
25	5.118	528	530	532	rVV3	1720	1705	0.05%	0.006%
26	5.143	532	534	535	rVV2	1214	866	0.03%	0.003%
27	5.265	553	554	558	rVB4	974	1071	0.03%	0.004%
28	5.411	575	578	579	rBV3	1246	1395	0.04%	0.005%
29	5.454	584	585	588	rBV2	770	939	0.03%	0.003%
30	5.539	594	599	601	rBV5	1570	2471	0.07%	0.008%
31	5.630	610	614	615	rBV4	1314	1347	0.04%	0.005%
32	5.661	617	619	623	rVB4	967	1160	0.03%	0.004%
33	5.710	625	627	629	rBV3	1178	1143	0.03%	0.004%
34	5.819	642	645	646	rBV3	1368	1004	0.03%	0.003%
35	5.929	652	663	674	rBV5	7450	24013	0.72%	0.080%
36	6.039	678	681	683	rBV4	1099	1178	0.04%	0.004%

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37	6.100	689	691	694	rVB4	971	948	0.03%	0.003%
38	6.179	700	704	706	rBV4	1213	1417	0.04%	0.005%
39	6.204	706	708	712	rVB5	1159	1421	0.04%	0.005%
40	6.252	712	716	718	rBV4	1138	1397	0.04%	0.005%
41	6.271	718	719	723	rVB4	687	874	0.03%	0.003%
42	6.728	792	794	797	rVB3	906	895	0.03%	0.003%
43	6.764	797	800	801	rBV3	909	992	0.03%	0.003%
44	6.801	803	806	808	rBV4	1177	1449	0.04%	0.005%
45	6.972	831	834	837	rBV3	935	1660	0.05%	0.006%
46	7.075	842	851	860	rBV	99702	311608	9.33%	1.044%
47	7.392	900	903	906	rVB5	858	1166	0.03%	0.004%
48	7.466	913	915	917	rBV3	839	930	0.03%	0.003%
49	7.514	920	923	924	rBV3	1302	1165	0.03%	0.004%
50	7.545	924	928	930	rBV5	1885	2637	0.08%	0.009%
51	7.642	934	944	956	rBV	522560	1294621	38.76%	4.337%
52	7.758	959	963	965	rBV5	1750	2177	0.07%	0.007%
53	7.862	978	980	982	rBV2	1334	1246	0.04%	0.004%
54	7.941	990	993	994	rBV3	1454	1640	0.05%	0.005%
55	7.953	994	995	1000	rVB5	3395	2895	0.09%	0.010%
56	7.996	1000	1002	1004	rVB3	1158	1109	0.03%	0.004%
57	8.039	1007	1009	1010	rBV2	1758	1131	0.03%	0.004%
58	8.161	1028	1029	1033	rVB4	1584	1355	0.04%	0.005%
59	8.197	1033	1035	1037	rBV3	1307	1793	0.05%	0.006%
60	8.270	1037	1047	1063	rBV2	1148684	3339666	100.00%	11.188%
61	8.398	1066	1068	1074	rVB7	3108	5011	0.15%	0.017%
62	8.453	1075	1077	1079	rVB3	1191	1072	0.03%	0.004%
63	8.496	1079	1084	1088	rBV8	1581	2817	0.08%	0.009%
64	8.624	1102	1105	1106	rBV3	1427	1525	0.05%	0.005%
65	8.679	1111	1114	1116	rBV4	1511	2113	0.06%	0.007%
66	8.837	1130	1140	1154	rBV	1113084	2234118	66.90%	7.484%
67	8.965	1158	1161	1164	rVB6	1969	2701	0.08%	0.009%
68	9.032	1171	1172	1174	rBV2	930	977	0.03%	0.003%
69	9.081	1175	1180	1183	rVV7	3681	7118	0.21%	0.024%
70	9.154	1190	1192	1196	rVB5	1557	1678	0.05%	0.006%
71	9.197	1196	1199	1202	rBV5	2523	2988	0.09%	0.010%
72	9.270	1202	1211	1234	rVV	755625	1562198	46.78%	5.233%
73	9.563	1257	1259	1260	rVB2	1601	1049	0.03%	0.004%
74	9.575	1260	1261	1264	rBV3	1421	1243	0.04%	0.004%
75	9.611	1266	1267	1270	rBV3	1173	1503	0.05%	0.005%
76	9.666	1270	1276	1282	rBV7	3321	8087	0.24%	0.027%

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 Title : SFAM01.0

77	9.813	1298	1300	1301	rVB2	1769	1038	0.03%	0.003%
78	9.831	1301	1303	1304	rBV2	1430	896	0.03%	0.003%
79	9.868	1307	1309	1312	rBV4	1586	1671	0.05%	0.006%
80	9.898	1312	1314	1316	rBV3	1520	1634	0.05%	0.005%
81	10.032	1327	1336	1347	rBV2	416162	753664	22.57%	2.525%
82	10.166	1356	1358	1360	rBV3	1559	1039	0.03%	0.003%
83	10.319	1374	1383	1401	rBV	1602330	2852628	85.42%	9.556%
84	10.575	1418	1425	1438	rBV	257624	450755	13.50%	1.510%
85	10.703	1441	1446	1451	rVB2	14627	28626	0.86%	0.096%
86	10.837	1466	1468	1469	rBV2	2407	1796	0.05%	0.006%
87	10.861	1469	1472	1473	rVV3	4451	4987	0.15%	0.017%
88	10.922	1476	1482	1493	rBV	348013	626598	18.76%	2.099%
89	11.629	1591	1598	1608	rBV	1506349	2536994	75.97%	8.499%
90	11.709	1608	1611	1616	rBV2	7842	13481	0.40%	0.045%
91	12.605	1754	1758	1762	rVB3	22788	37460	1.12%	0.125%
92	12.690	1766	1772	1779	rBV	547400	904016	27.07%	3.028%
93	12.916	1789	1809	1810	rBV2	567958	2046210	61.27%	6.855%
94	13.556	1907	1914	1924	rBV	1547914	2474249	74.09%	8.288%
95	13.849	1955	1962	1975	rBV	1279065	2093733	62.69%	7.014%
96	14.830	2112	2123	2137	rVB2	566658	1894901	56.74%	6.348%
97	15.318	2199	2203	2209	rBV	52265	79092	2.37%	0.265%
98	15.915	2288	2301	2318	rVB3	338799	1562409	46.78%	5.234%
99	16.275	2355	2360	2370	rVB	93414	186037	5.57%	0.623%
100	16.616	2408	2416	2430	rVB6	82929	345293	10.34%	1.157%

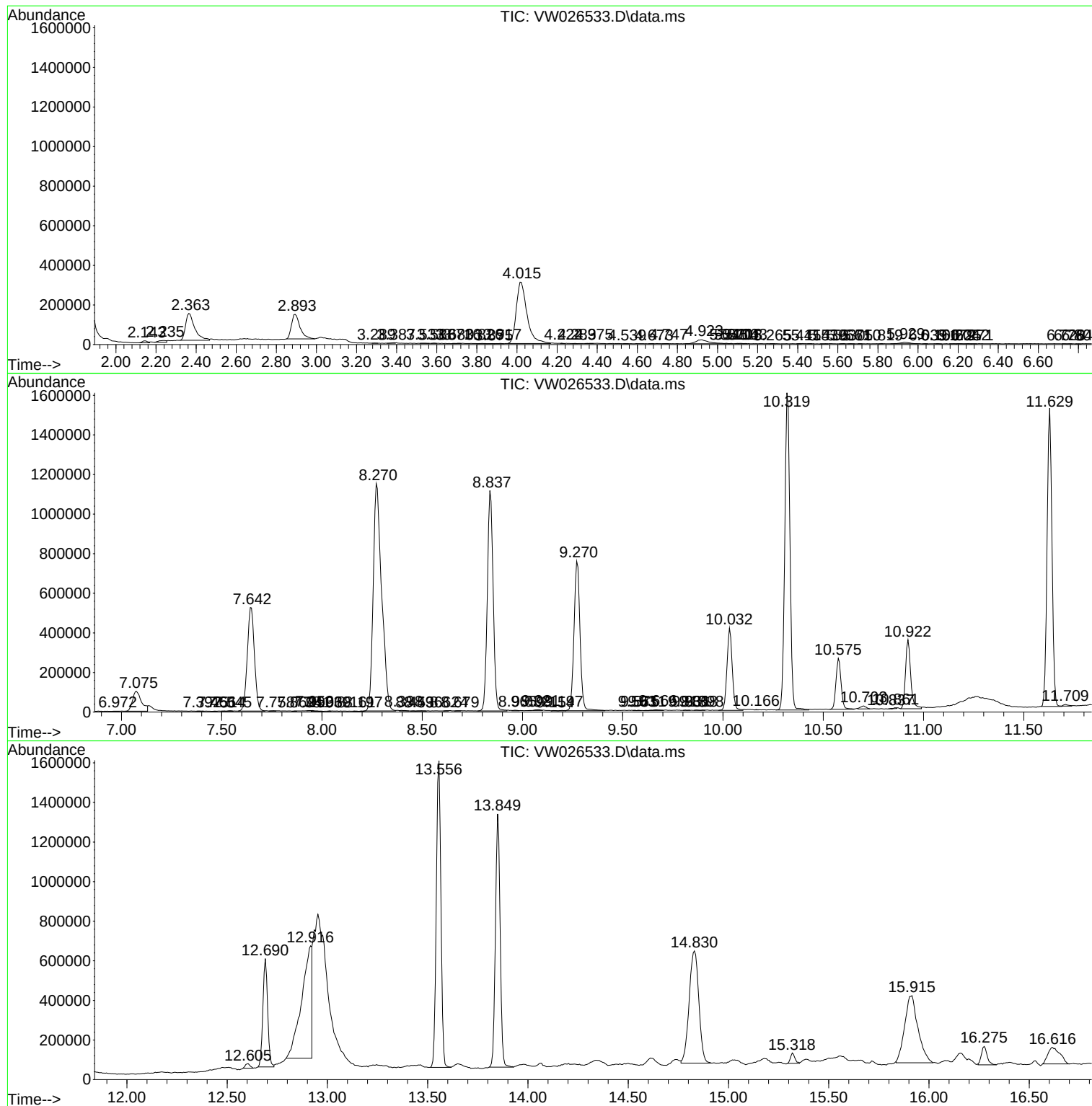
Sum of corrected areas: 29851630

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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



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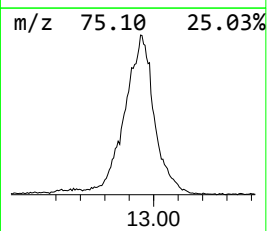
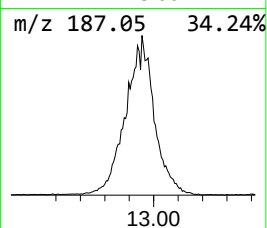
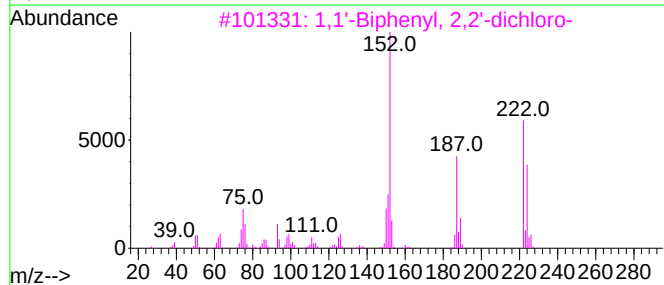
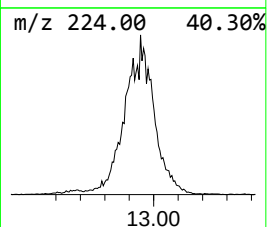
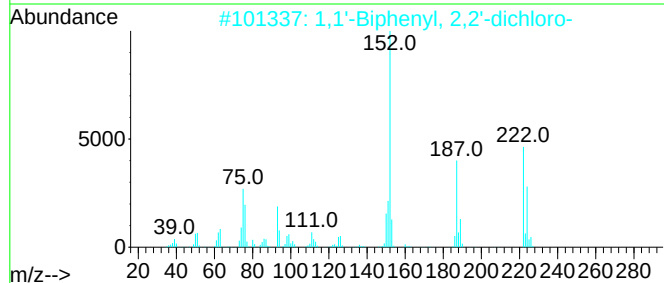
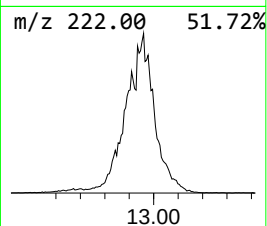
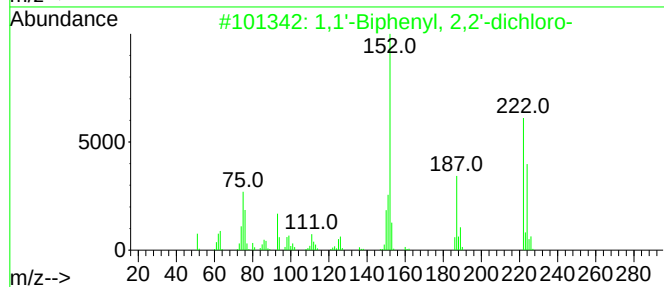
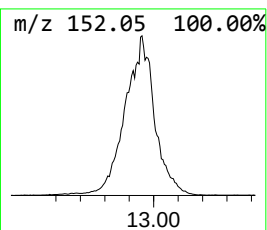
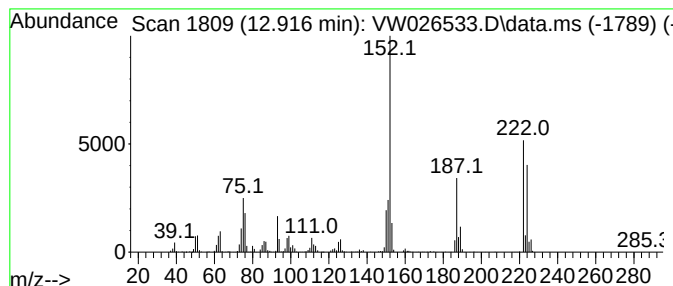
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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.
12.916	20.68 ug/L	2046210	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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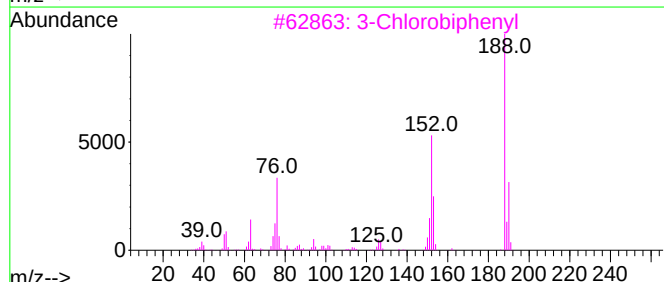
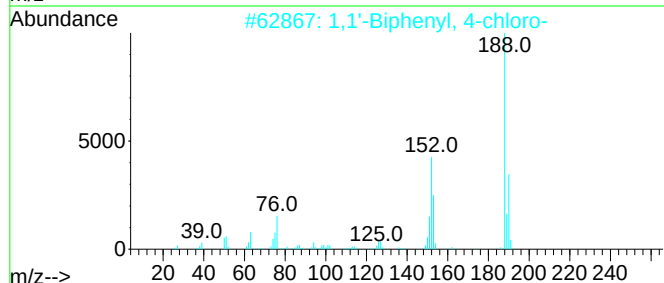
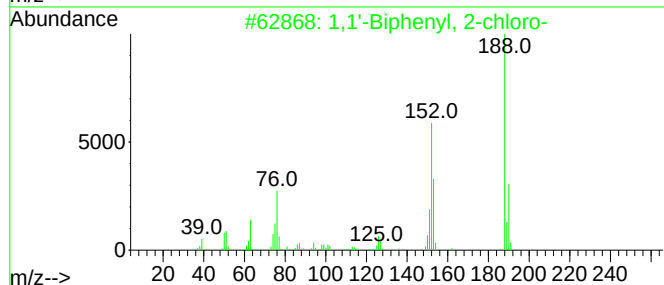
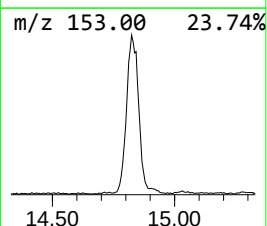
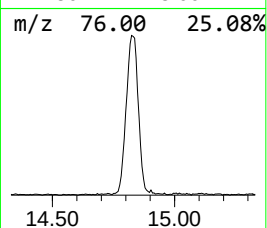
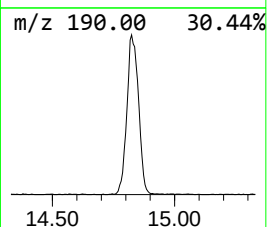
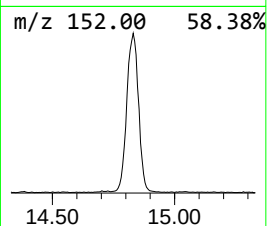
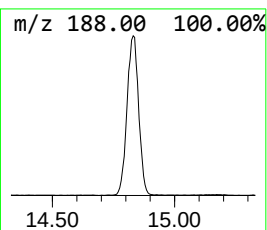
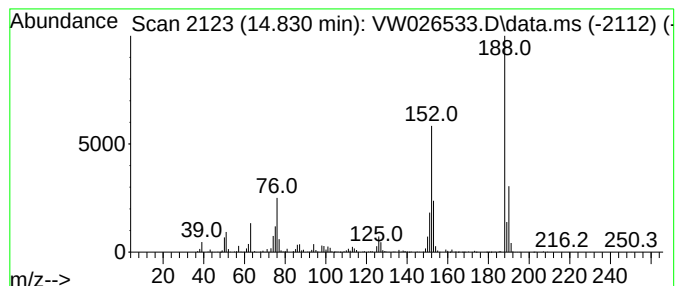
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	19.15 ug/L	1894900	1,4-Dichlorobenzene-d4	13.556

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



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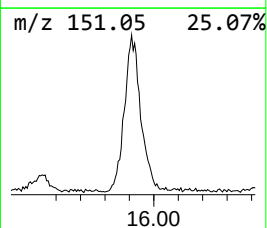
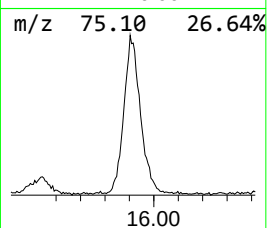
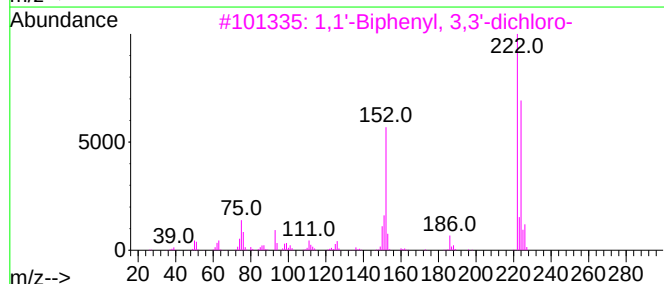
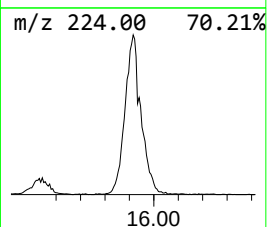
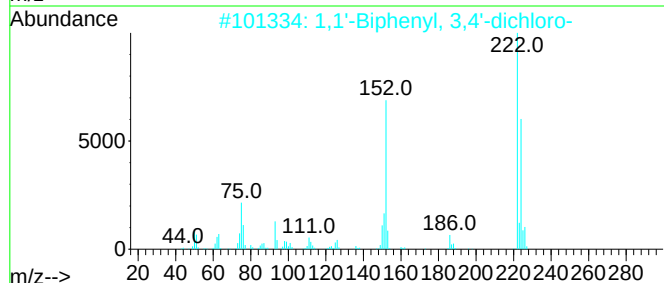
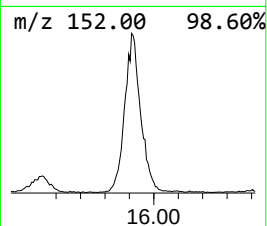
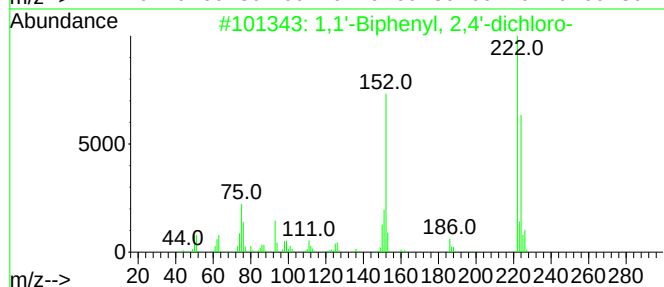
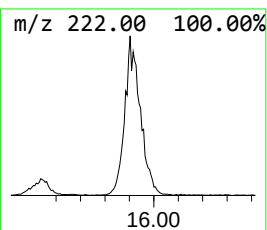
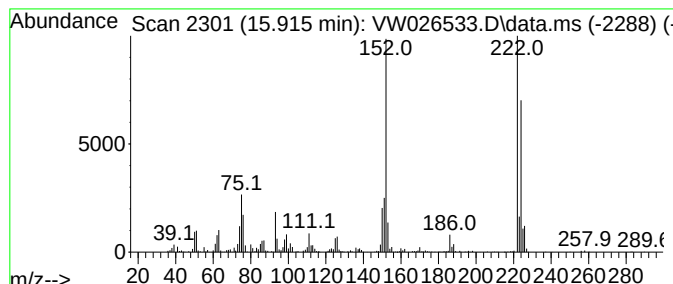
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Peak Number 4 1,1'-Biphenyl, 2,4'-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.915	15.79 ug/L	1562410	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	99		
2	1,1'-Biphenyl, 3,4'-dichloro-	222	C12H8Cl2	002974-90-5	99		
3	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	99		
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	99		
5	1,1'-Biphenyl, 3,5-dichloro-	222	C12H8Cl2	034883-41-5	98		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026533.D
Acq On : 05 Jul 2023 15:55
Operator : SY/MD
Sample : 03504-20
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46S0

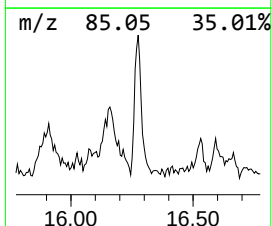
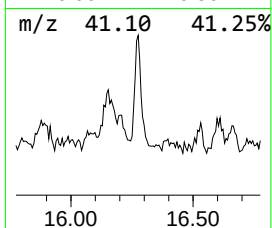
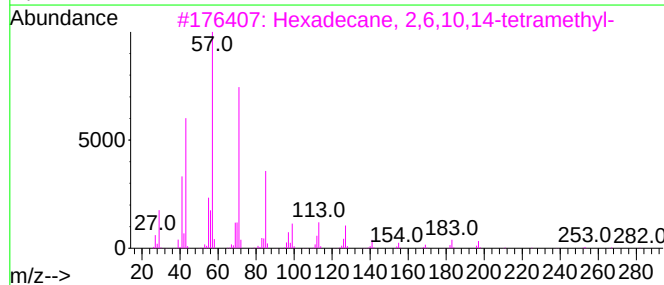
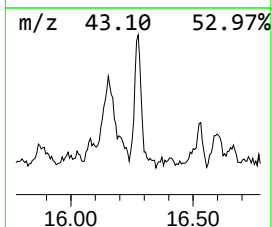
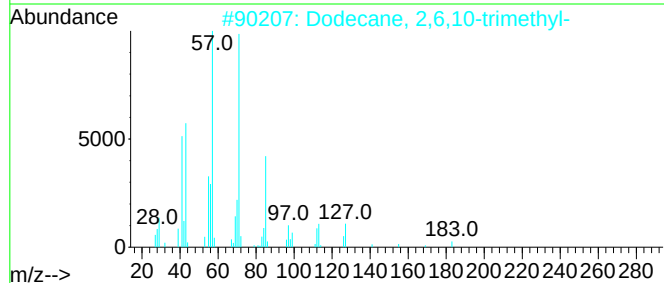
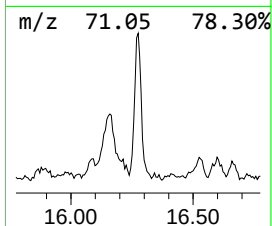
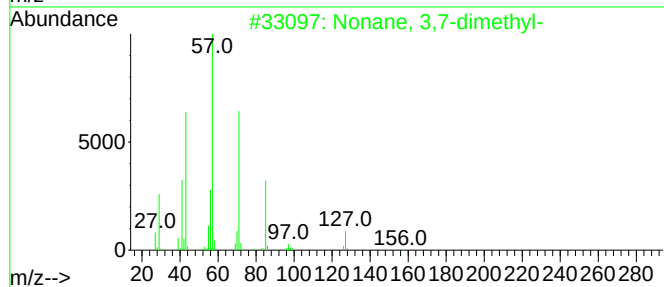
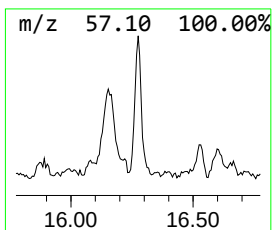
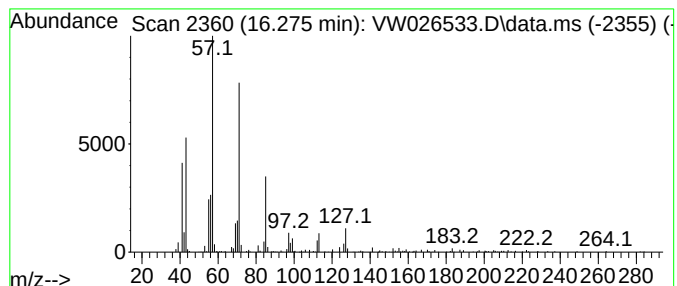
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	1.88 ug/L	186037	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	90
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
4			Undecane, 2-methyl-	170	C12H26	007045-71-8	86
5			Octane, 2-methyl-	128	C9H20	003221-61-2	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026533.D
Acq On : 05 Jul 2023 15:55
Operator : SY/MD
Sample : 03504-20
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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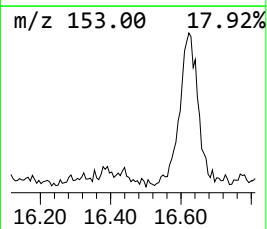
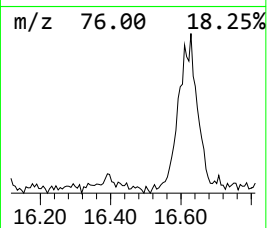
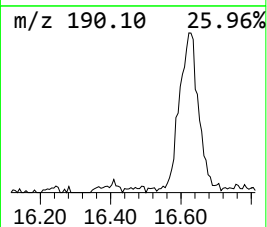
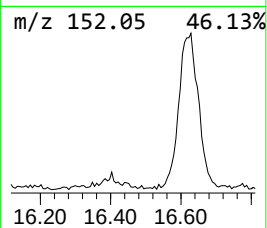
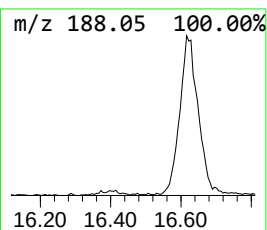
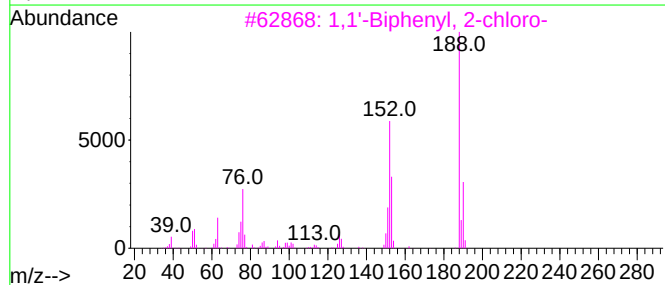
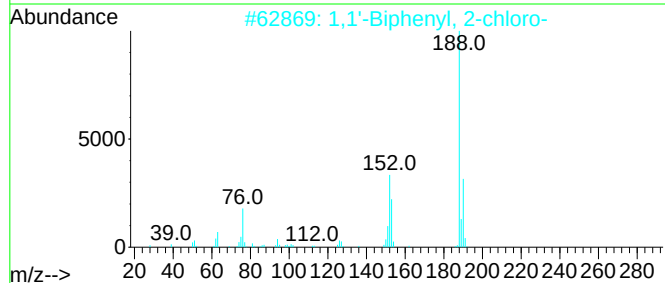
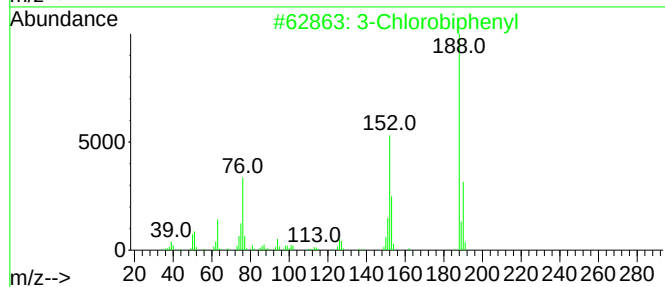
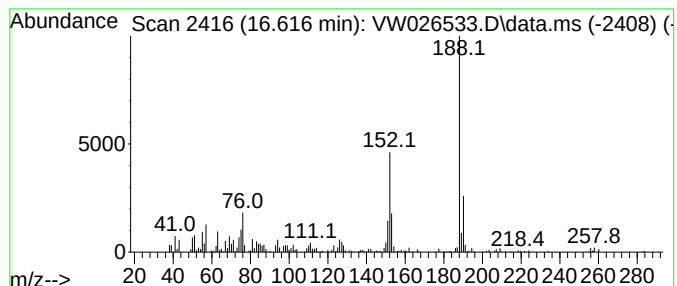
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Quant Title : SFAM01.0

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

Peak Number 6 3-Chlorobiphenyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.616	3.49 ug/L	345293	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	96
2			1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	87
3			1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	87
4			1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	74
5			1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
Data File : VW026533.D
Acq On : 05 Jul 2023 15:55
Operator : SY/MD
Sample : 03504-20
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46S0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.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, ...	12.916	20.7	ug/L	2046210	3	13.556	2474250	25.0
1,1'-Biphenyl, ...	14.830	19.1	ug/L	1894900	3	13.556	2474250	25.0
1,1'-Biphenyl, ...	15.915	15.8	ug/L	1562410	3	13.556	2474250	25.0
(DEL) Alkane: S...	16.275	1.9	ug/L	186037	3	13.556	2474250	25.0
3-Chlorobiphenyl	16.616	3.5	ug/L	345293	3	13.556	2474250	25.0