

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062024\
 Data File : VW029261.D
 Acq On : 20 Jun 2024 16:30
 Operator : SY/MD
 Sample : P2964-21
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4DE6

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\SFAMWLM061824SMA.M
 Title : SFAM01.0

Signal : TIC: VW029261.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.235	55	57	58	rBV2	1146	629	0.06%	0.008%
2	2.363	71	78	92	rBV	42086	120160	11.63%	1.488%
3	2.893	158	165	178	rBV	37755	105560	10.22%	1.307%
4	3.637	286	287	290	rBV2	400	439	0.04%	0.005%
5	3.740	302	304	306	rVV2	574	520	0.05%	0.006%
6	3.801	312	314	317	rBV2	537	790	0.08%	0.010%
7	3.826	317	318	321	rVV3	610	561	0.05%	0.007%
8	4.021	336	350	365	rBV	92091	315531	30.55%	3.907%
9	4.265	388	390	391	rVB2	706	476	0.05%	0.006%
10	4.277	391	392	394	rBV2	517	493	0.05%	0.006%
11	4.356	403	405	406	rBV2	631	414	0.04%	0.005%
12	4.374	406	408	409	rBV	502	371	0.04%	0.005%
13	4.387	409	410	417	rVB3	623	979	0.09%	0.012%
14	4.649	449	453	454	rBV3	500	493	0.05%	0.006%
15	4.691	458	460	463	rBV4	676	773	0.07%	0.010%
16	4.807	477	479	482	rVB2	338	422	0.04%	0.005%
17	4.917	482	497	509	rBV3	13143	57975	5.61%	0.718%
18	5.130	529	532	533	rBV2	692	603	0.06%	0.007%
19	5.143	533	534	536	rBV2	621	474	0.05%	0.006%
20	5.228	546	548	549	rBV2	537	378	0.04%	0.005%
21	5.429	578	581	582	rBV3	783	830	0.08%	0.010%
22	5.490	589	591	595	rBV4	518	905	0.09%	0.011%
23	5.551	599	601	602	rBV2	421	388	0.04%	0.005%
24	5.831	643	647	649	rBV4	439	547	0.05%	0.007%
25	5.947	652	666	674	rBV3	5673	19016	1.84%	0.235%
26	6.051	679	683	686	rBV3	638	898	0.09%	0.011%
27	6.106	690	692	694	rBV2	645	505	0.05%	0.006%
28	6.142	694	698	699	rBV2	492	521	0.05%	0.006%
29	6.173	702	703	706	rVB	453	405	0.04%	0.005%
30	6.307	721	725	726	rBV2	392	370	0.04%	0.005%
31	6.331	726	729	731	rBV3	667	808	0.08%	0.010%
32	6.612	772	775	777	rBV2	585	522	0.05%	0.006%
33	6.740	795	796	800	rBV3	404	486	0.05%	0.006%
34	6.783	800	803	806	rBV3	335	483	0.05%	0.006%
35	6.984	835	836	838	rBV	655	456	0.04%	0.006%
36	7.075	843	851	873	rBV	28813	93352	9.04%	1.156%

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 Title : SFAM01.0

37	7.301	886	888	892	rBV3	727	818	0.08%	0.010%
38	7.478	915	917	919	rBV2	463	459	0.04%	0.006%
39	7.648	932	945	958	rBV	173059	424937	41.14%	5.262%
40	7.770	964	965	969	rVB4	1023	1146	0.11%	0.014%
41	7.813	969	972	974	rVB2	745	724	0.07%	0.009%
42	7.843	976	977	979	rBV	469	475	0.05%	0.006%
43	7.898	984	986	988	rVB	541	395	0.04%	0.005%
44	8.130	1021	1024	1025	rBV2	383	433	0.04%	0.005%
45	8.148	1025	1027	1031	rVV3	708	886	0.09%	0.011%
46	8.276	1036	1048	1066	rBV2	350050	1032928	100.00%	12.791%
47	8.416	1069	1071	1073	rVB2	615	510	0.05%	0.006%
48	8.563	1093	1095	1097	rVB3	972	865	0.08%	0.011%
49	8.587	1097	1099	1100	rBV	554	486	0.05%	0.006%
50	8.624	1102	1105	1106	rVB2	600	414	0.04%	0.005%
51	8.691	1111	1116	1119	rBV5	1256	2209	0.21%	0.027%
52	8.752	1122	1126	1128	rVB4	400	612	0.06%	0.008%
53	8.843	1130	1141	1154	rBV	398356	799604	77.41%	9.902%
54	9.002	1164	1167	1169	rVB3	845	893	0.09%	0.011%
55	9.038	1172	1173	1174	rBV	746	456	0.04%	0.006%
56	9.069	1177	1178	1180	rBV2	773	652	0.06%	0.008%
57	9.130	1185	1188	1191	rVB5	655	874	0.08%	0.011%
58	9.270	1201	1211	1222	rBV	243053	500973	48.50%	6.204%
59	9.398	1231	1232	1234	rVB2	816	483	0.05%	0.006%
60	9.428	1234	1237	1239	rBV4	511	436	0.04%	0.005%
61	9.587	1260	1263	1265	rBV3	469	556	0.05%	0.007%
62	9.642	1268	1272	1274	rBV4	749	834	0.08%	0.010%
63	9.752	1284	1290	1291	rBV4	356	636	0.06%	0.008%
64	9.782	1291	1295	1296	rVV3	447	531	0.05%	0.007%
65	9.800	1296	1298	1301	rVB4	695	757	0.07%	0.009%
66	9.825	1301	1302	1305	rBV2	493	512	0.05%	0.006%
67	9.855	1305	1307	1309	rBV2	577	594	0.06%	0.007%
68	9.898	1313	1314	1316	rBV2	497	436	0.04%	0.005%
69	9.971	1324	1326	1328	rBV3	415	443	0.04%	0.005%
70	10.032	1328	1336	1348	rBV	123541	229439	22.21%	2.841%
71	10.117	1348	1350	1353	rVB4	843	822	0.08%	0.010%
72	10.325	1376	1384	1393	rBV	472244	852999	82.58%	10.563%
73	10.440	1401	1403	1405	rVB3	671	652	0.06%	0.008%
74	10.465	1405	1407	1410	rBV3	471	611	0.06%	0.008%
75	10.575	1418	1425	1438	rBV	78397	141019	13.65%	1.746%
76	10.703	1440	1446	1451	rVV2	7284	13406	1.30%	0.166%

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 Title : SFAM01.0

77	10.843	1465	1469	1470	rBV3	1128	1022	0.10%	0.013%
78	10.922	1476	1482	1493	rBV	106361	190541	18.45%	2.360%
79	11.629	1589	1598	1607	rBV	552595	955487	92.50%	11.832%
80	11.702	1607	1610	1617	rVB3	3222	6427	0.62%	0.080%
81	11.922	1644	1646	1648	rBV3	683	430	0.04%	0.005%
82	12.343	1714	1715	1718	rVB2	994	880	0.09%	0.011%
83	12.464	1730	1735	1740	rVB3	4423	8803	0.85%	0.109%
84	12.507	1740	1742	1743	rBV2	639	562	0.05%	0.007%
85	12.599	1749	1757	1764	rVB2	28901	51465	4.98%	0.637%
86	12.690	1765	1772	1779	rVV	172521	283744	27.47%	3.514%
87	12.983	1819	1820	1821	rVB	1195	437	0.04%	0.005%
88	13.080	1834	1836	1838	rBV3	1153	1187	0.11%	0.015%
89	13.117	1840	1842	1843	rVV2	918	571	0.06%	0.007%
90	13.190	1851	1854	1858	rVB3	2265	3039	0.29%	0.038%
91	13.397	1886	1888	1894	rVB5	3683	5460	0.53%	0.068%
92	13.464	1897	1899	1902	rBV4	2158	3316	0.32%	0.041%
93	13.556	1907	1914	1925	rVV	556973	893798	86.53%	11.068%
94	13.848	1955	1962	1973	rBV	416250	695104	67.29%	8.608%
95	14.062	1992	1997	2002	rVB2	12031	18225	1.76%	0.226%
96	14.842	2114	2125	2138	rBV3	64174	204891	19.84%	2.537%
97	16.098	2329	2331	2333	rBV3	1149	1037	0.10%	0.013%
98	16.202	2346	2348	2352	rVB5	1545	1601	0.15%	0.020%
99	16.433	2384	2386	2389	rBV4	996	1311	0.13%	0.016%
100	16.549	2403	2405	2408	rVB4	874	593	0.06%	0.007%

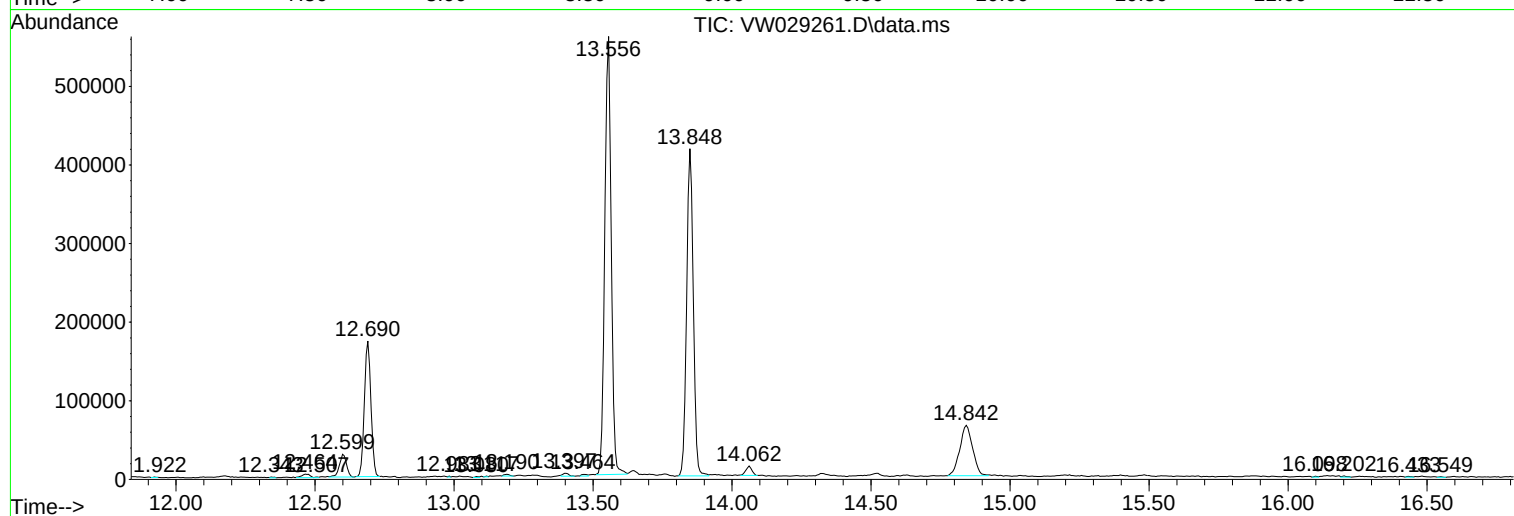
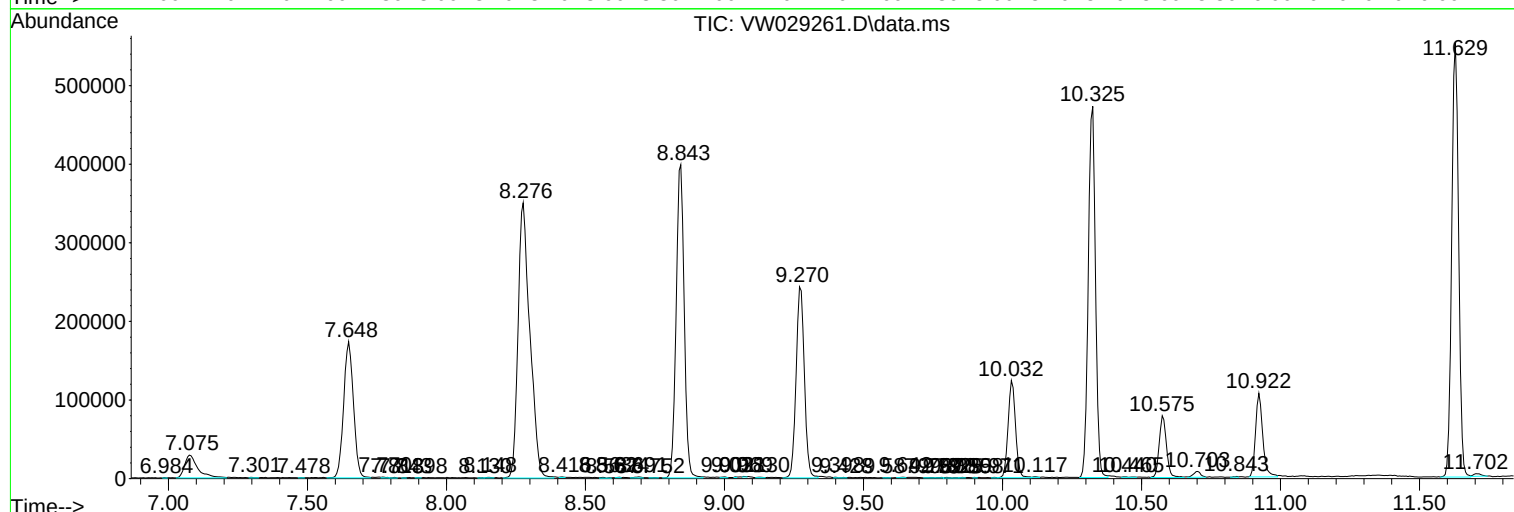
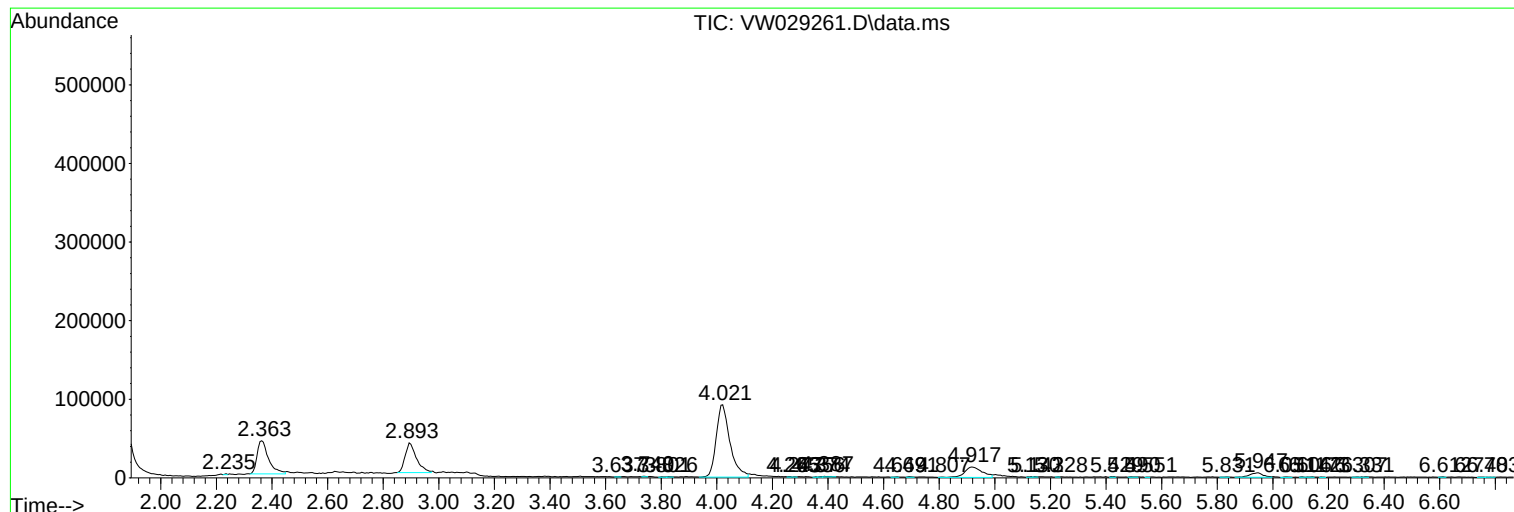
Sum of corrected areas: 8075379

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0

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



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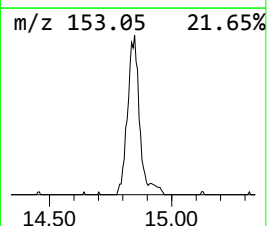
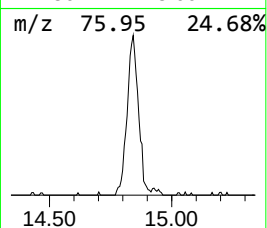
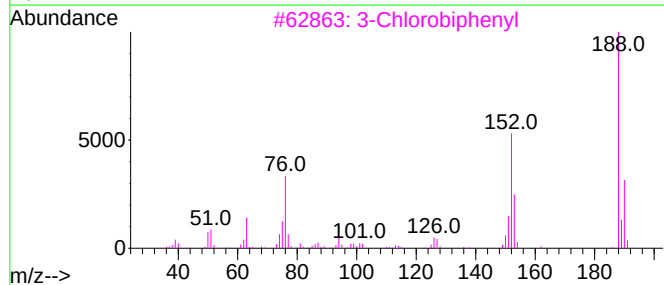
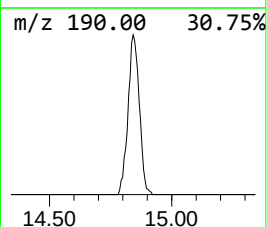
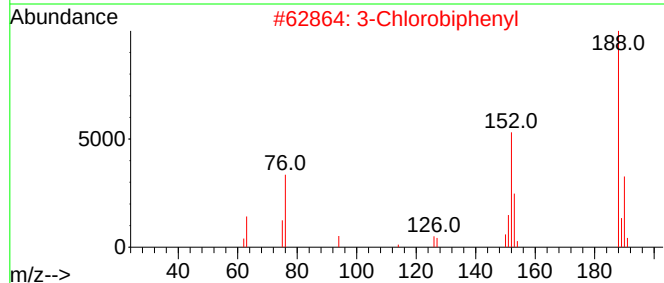
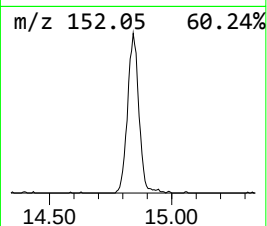
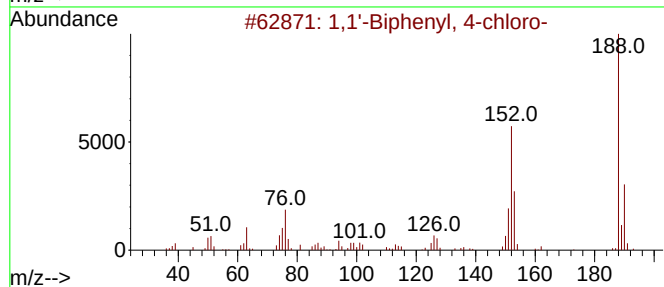
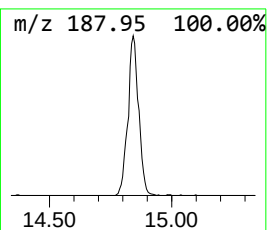
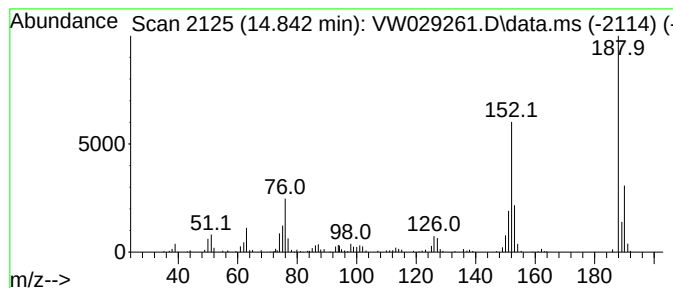
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.842	5.73 ug/L	204891	1,4-Dichlorobenzene-d4	13.556

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



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,1'-Biphenyl, ...	14.842	5.7	ug/L	204891	3	13.556	893798	25.0