

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062923\
 Data File : VD076643.D
 Acq On : 29 Jun 2023 17:25
 Operator : KP/SY
 Sample : 03472-06
 Misc : 4.69G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46Q2

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_D\Method\SFAMDLM061523SMA.M
 Title : SFAM01.0

Signal : TIC: VD076643.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.664	9	13	14	rBV	960	1280	0.06%	0.009%
2	1.734	18	25	36	rVV	413819	799147	38.29%	5.402%
3	2.099	85	87	91	rBV3	1110	1393	0.07%	0.009%
4	2.152	91	96	97	rBV2	3728	5146	0.25%	0.035%
5	2.264	109	115	122	rBV	148311	220047	10.54%	1.488%
6	2.440	143	145	146	rBV2	2009	1691	0.08%	0.011%
7	2.570	162	167	174	rBV7	5374	10667	0.51%	0.072%
8	2.793	198	205	216	rVB	137075	260087	12.46%	1.758%
9	2.893	221	222	224	rBV2	2688	1483	0.07%	0.010%
10	3.046	246	248	250	rBV3	1764	1277	0.06%	0.009%
11	3.070	250	252	254	rBV2	2252	2072	0.10%	0.014%
12	3.246	280	282	284	rBV2	1505	1147	0.05%	0.008%
13	3.299	289	291	294	rVB2	1275	1448	0.07%	0.010%
14	3.322	294	295	298	rVB	1432	1380	0.07%	0.009%
15	3.411	307	310	311	rVB	1400	1097	0.05%	0.007%
16	3.428	311	313	315	rBV	1580	1756	0.08%	0.012%
17	3.493	322	324	327	rVB	1509	1386	0.07%	0.009%
18	3.775	370	372	376	rBV2	1092	1188	0.06%	0.008%
19	3.911	383	395	406	rBV2	157719	418213	20.04%	2.827%
20	4.017	410	413	416	rVV4	2390	4301	0.21%	0.029%
21	4.169	437	439	444	rVB2	972	1575	0.08%	0.011%
22	4.252	450	453	456	rVB2	1328	1498	0.07%	0.010%
23	4.422	480	482	486	rBV3	1312	1625	0.08%	0.011%
24	4.464	486	489	491	rBV2	1160	1235	0.06%	0.008%
25	4.534	499	501	504	rVB3	1030	1086	0.05%	0.007%
26	4.564	504	506	509	rBV	1084	1163	0.06%	0.008%
27	4.734	531	535	536	rVB2	1569	1300	0.06%	0.009%
28	4.787	536	544	553	rBV5	9831	29531	1.42%	0.200%
29	4.875	557	559	562	rBV	899	1171	0.06%	0.008%
30	4.905	562	564	566	rVB2	1083	1022	0.05%	0.007%
31	5.040	585	587	590	rBV	1498	1461	0.07%	0.010%
32	5.111	596	599	601	rBV2	1119	1313	0.06%	0.009%
33	5.181	608	611	613	rBV2	1633	1353	0.06%	0.009%
34	5.211	613	616	618	rVB2	1167	1192	0.06%	0.008%
35	5.234	618	620	622	rBV	1208	1196	0.06%	0.008%
36	5.264	622	625	626	rVV2	1288	1250	0.06%	0.008%

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 Title : SFAM01.0

37	5.305	626	632	648	rVB4	10242	36994	1.77%	0.250%
38	5.458	656	658	660	rBV2	1130	1152	0.06%	0.008%
39	5.575	675	678	679	rVB3	1154	1022	0.05%	0.007%
40	5.652	687	691	692	rBV	1011	1104	0.05%	0.007%
41	5.716	699	702	706	rVV2	776	1132	0.05%	0.008%
42	5.834	716	722	724	rVV3	2461	4339	0.21%	0.029%
43	5.852	724	725	730	rVV3	2167	2545	0.12%	0.017%
44	5.958	741	743	745	rBV2	1082	1062	0.05%	0.007%
45	6.005	749	751	753	rBV	1138	1186	0.06%	0.008%
46	6.128	771	772	778	rBV2	968	1925	0.09%	0.013%
47	6.234	786	790	791	rBV	1008	1128	0.05%	0.008%
48	6.269	794	796	797	rVB2	1690	1109	0.05%	0.007%
49	6.628	854	857	859	rVB2	1595	1357	0.07%	0.009%
50	6.681	864	866	871	rBV2	913	1497	0.07%	0.010%
51	6.805	886	887	890	rBV	1188	1312	0.06%	0.009%
52	6.987	908	918	928	rBV	56402	164258	7.87%	1.110%
53	7.069	930	932	933	rVV2	3973	3164	0.15%	0.021%
54	7.087	933	935	939	rVB3	3238	3661	0.18%	0.025%
55	7.363	979	982	984	rVB	995	1033	0.05%	0.007%
56	7.452	990	997	999	rBV4	1357	2776	0.13%	0.019%
57	7.563	1003	1016	1031	rBV	250460	659296	31.59%	4.457%
58	7.658	1031	1032	1036	rVB2	1154	1124	0.05%	0.008%
59	7.787	1050	1054	1056	rBV2	1057	1585	0.08%	0.011%
60	7.946	1079	1081	1086	rVB3	1177	1636	0.08%	0.011%
61	7.981	1086	1087	1090	rVB2	1447	1146	0.05%	0.008%
62	8.016	1090	1093	1094	rBV	1601	1834	0.09%	0.012%
63	8.110	1105	1109	1111	rBV	2278	2476	0.12%	0.017%
64	8.205	1114	1125	1142	rBV2	447641	1412084	67.66%	9.546%
65	8.434	1158	1164	1169	rVB7	3599	6699	0.32%	0.045%
66	8.499	1174	1175	1180	rVB3	1904	1746	0.08%	0.012%
67	8.775	1207	1222	1233	rVV	568267	1163773	55.76%	7.867%
68	8.869	1236	1238	1239	rVV2	2439	1877	0.09%	0.013%
69	8.887	1239	1241	1242	rVV2	2047	1226	0.06%	0.008%
70	8.916	1244	1246	1250	rVB5	1302	1473	0.07%	0.010%
71	8.981	1255	1257	1260	rBV4	1811	2136	0.10%	0.014%
72	9.010	1260	1262	1263	rBV2	2961	1978	0.09%	0.013%
73	9.110	1278	1279	1280	rBV	2085	1165	0.06%	0.008%
74	9.210	1285	1296	1305	rBV	352289	732868	35.12%	4.954%
75	9.487	1340	1343	1345	rVB3	3051	2540	0.12%	0.017%
76	9.522	1347	1349	1353	rBV4	2445	3413	0.16%	0.023%

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 Title : SFAM01.0

77	9.569	1353	1357	1358	rBV3	2344	2734	0.13%	0.018%
78	9.599	1358	1362	1367	rVB6	6008	10750	0.52%	0.073%
79	9.657	1370	1372	1374	rVB3	2315	1488	0.07%	0.010%
80	9.681	1374	1376	1378	rBV3	1881	1645	0.08%	0.011%
81	9.757	1387	1389	1390	rVB2	3199	1973	0.09%	0.013%
82	9.769	1390	1391	1394	rBV3	1884	2064	0.10%	0.014%
83	9.793	1394	1395	1396	rBV	2574	1331	0.06%	0.009%
84	9.899	1412	1413	1414	rBV	2353	1214	0.06%	0.008%
85	9.975	1419	1426	1436	rVV	200877	367296	17.60%	2.483%
86	10.163	1456	1458	1461	rVB4	2444	1965	0.09%	0.013%
87	10.269	1468	1476	1485	rBV	647958	1166019	55.87%	7.882%
88	10.522	1513	1519	1528	rBV	122322	216532	10.38%	1.464%
89	10.875	1573	1579	1589	rBV	210971	365724	17.52%	2.472%
90	11.581	1692	1699	1708	rVB	814930	1377147	65.99%	9.310%
91	12.575	1864	1868	1873	rBV3	31951	50646	2.43%	0.342%
92	12.651	1875	1881	1889	rVB	315211	523881	25.10%	3.541%
93	13.516	2022	2028	2038	rVB	890399	1427580	68.40%	9.651%
94	13.816	2071	2079	2086	rBV	659980	1125214	53.92%	7.607%
95	14.045	2115	2118	2124	rVB6	16394	29366	1.41%	0.199%
96	14.798	2235	2246	2264	rVB3	583581	2086994	100.00%	14.108%
97	16.410	2519	2520	2522	rVB2	4041	2350	0.11%	0.016%
98	16.434	2522	2524	2526	rBV3	2259	2593	0.12%	0.018%
99	16.451	2526	2527	2530	rVV4	4152	3061	0.15%	0.021%
100	16.492	2533	2534	2537	rVB2	3526	2124	0.10%	0.014%

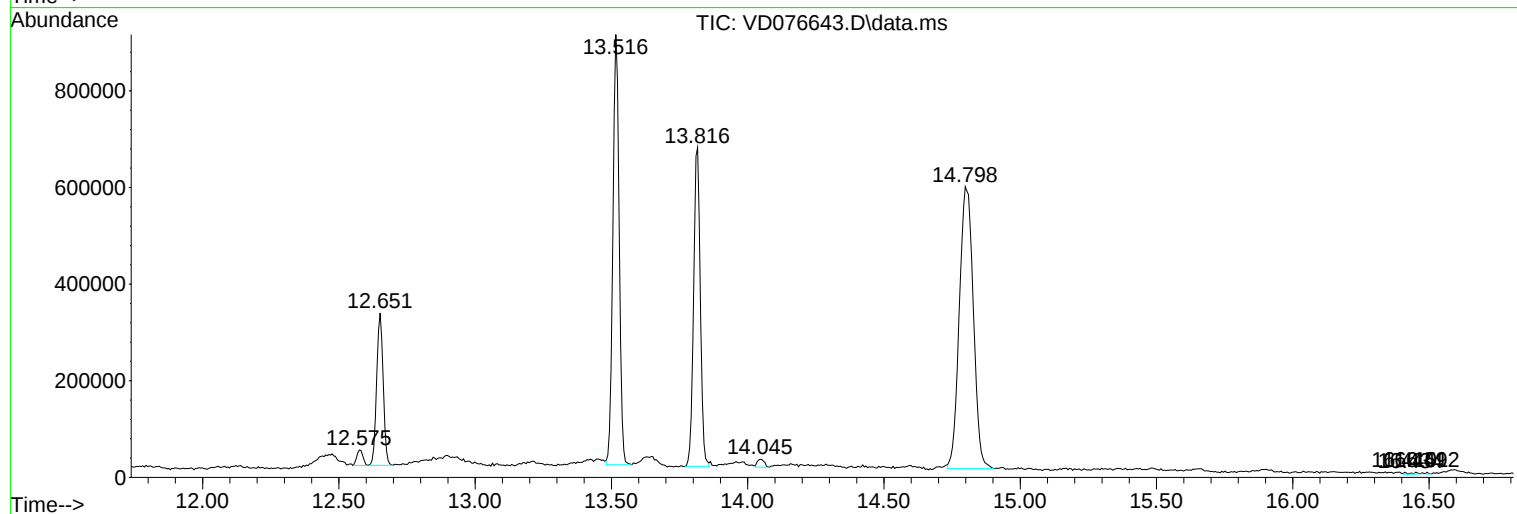
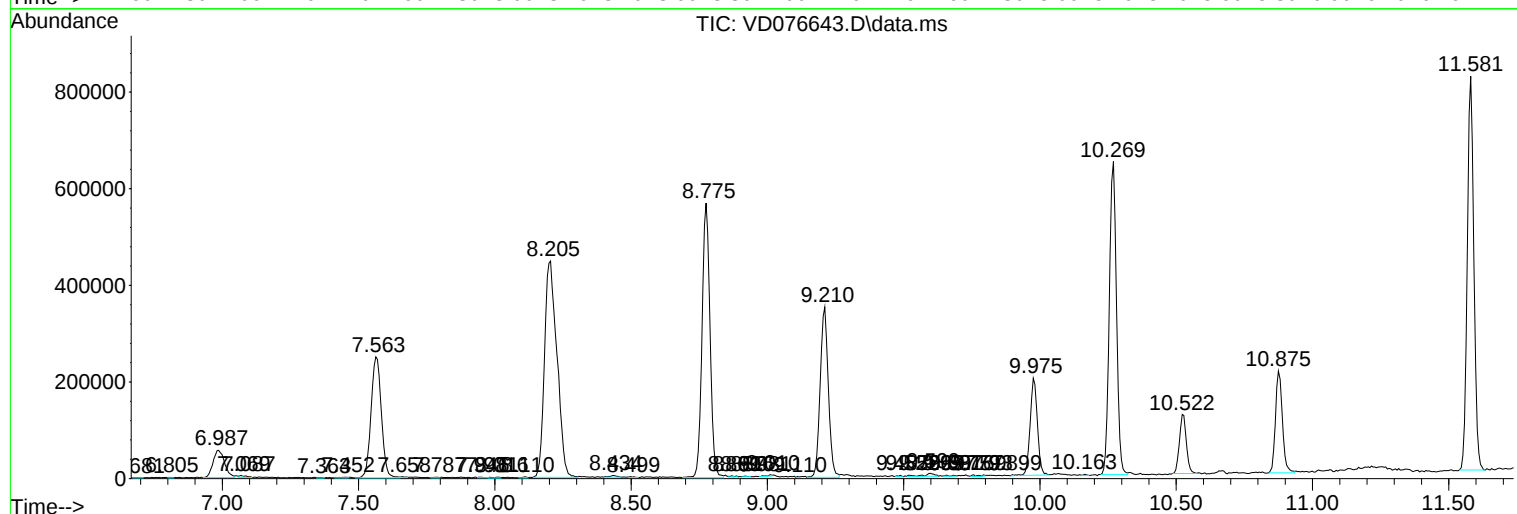
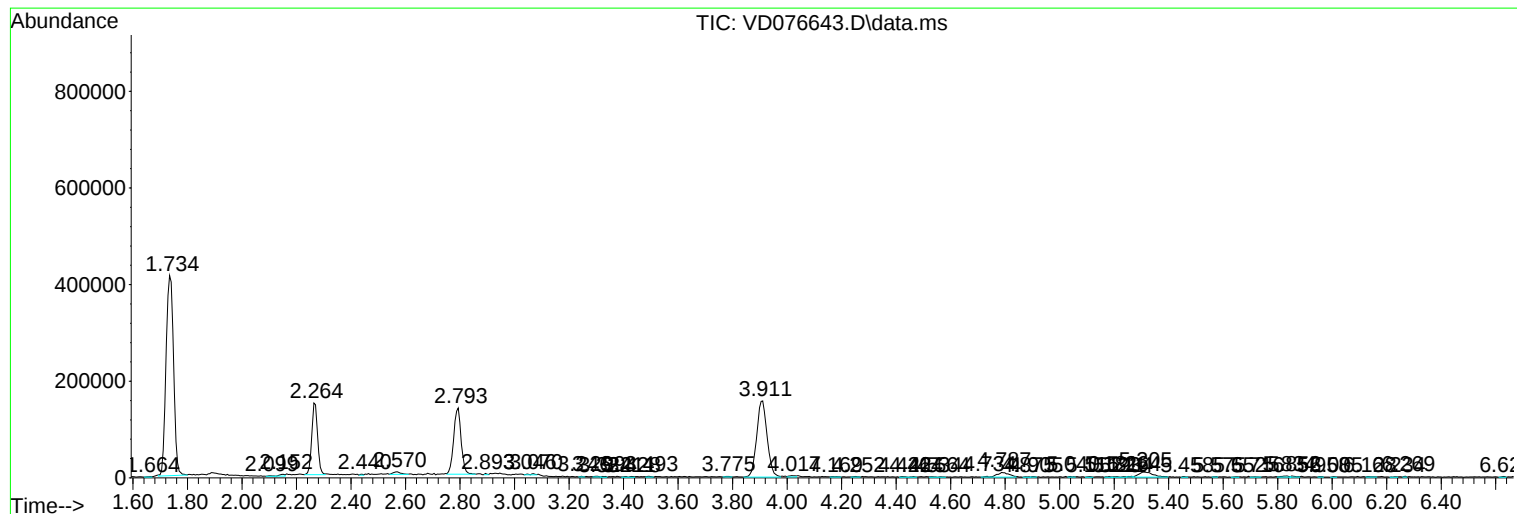
Sum of corrected areas: 14792699

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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



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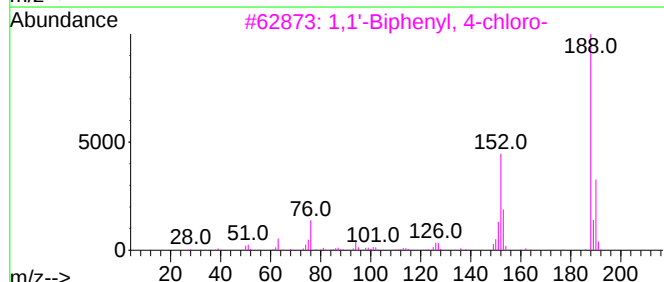
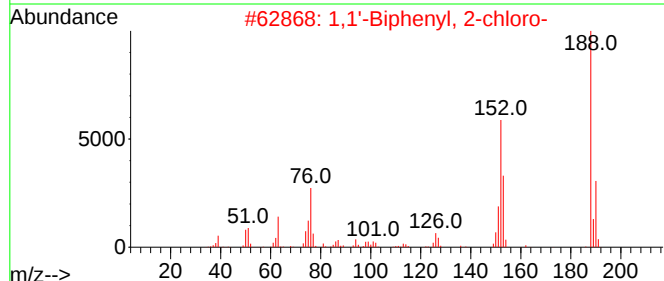
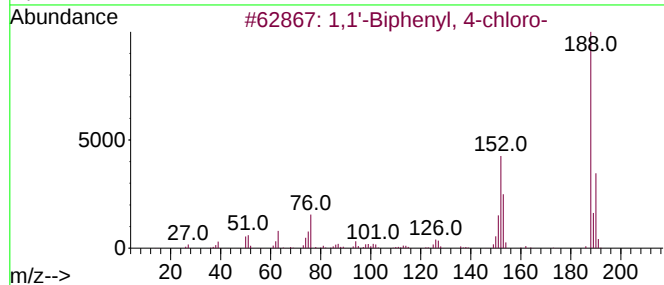
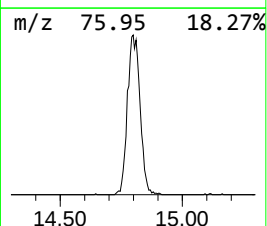
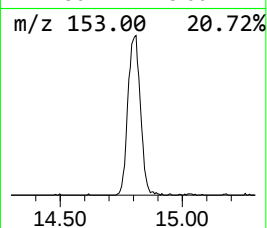
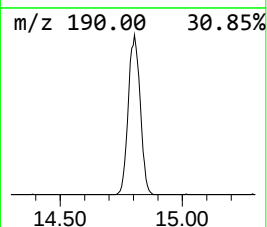
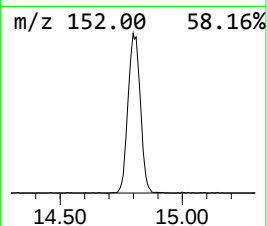
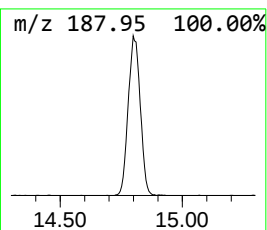
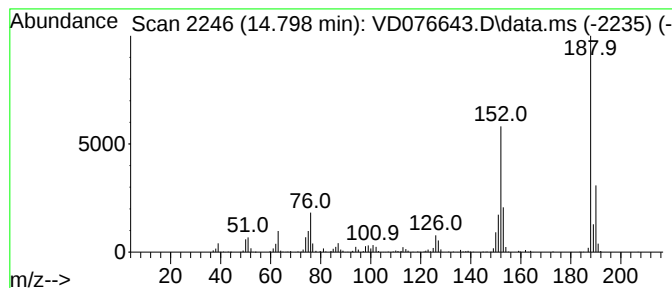
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 1,1'-Biphenyl, 4-chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.798	36.55 ug/L	2086990	1,4-Dichlorobenzene-d4	13.516

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



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,1'-Biphenyl, ...	14.798	36.5	ug/L	2086990	3	13.516	1427580	25.0