

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076667.D
 Acq On : 30 Jun 2023 17:28
 Operator : KP/SY
 Sample : 03472-21
 Misc : 6.59G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46R2

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: VD076667.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.687	10	17	20	rBV	480198	784091	30.38%	12.708%
2	1.728	20	24	37	rVB	1645391	2580828	100.00%	41.827%
3	2.269	112	116	123	rVB	29767	42877	1.66%	0.695%
4	2.793	200	205	217	rVB2	29704	59323	2.30%	0.961%
5	3.199	273	274	276	rBV	1425	1038	0.04%	0.017%
6	3.299	289	291	293	rBV2	1886	1910	0.07%	0.031%
7	3.411	307	310	311	rBV	1097	1120	0.04%	0.018%
8	3.569	336	337	339	rBV2	985	806	0.03%	0.013%
9	3.781	371	373	376	rVB2	1251	1299	0.05%	0.021%
10	3.905	386	394	406	rVB2	30213	79753	3.09%	1.293%
11	4.022	408	414	421	rVV3	5670	15147	0.59%	0.245%
12	4.511	494	497	501	rVB2	1241	1483	0.06%	0.024%
13	4.575	506	508	512	rVB2	1147	1672	0.06%	0.027%
14	4.622	512	516	517	rBV3	872	987	0.04%	0.016%
15	4.763	537	540	542	rBV2	1387	1727	0.07%	0.028%
16	4.946	568	571	572	rBV	747	780	0.03%	0.013%
17	5.152	604	606	610	rBV2	717	911	0.04%	0.015%
18	5.293	628	630	633	rBV	1174	1221	0.05%	0.020%
19	5.475	659	661	664	rVB2	1033	885	0.03%	0.014%
20	5.799	713	716	719	rBV2	859	932	0.04%	0.015%
21	5.828	719	721	722	rVV2	857	814	0.03%	0.013%
22	5.899	731	733	736	rVB2	1324	1178	0.05%	0.019%
23	5.946	736	741	742	rBV	869	984	0.04%	0.016%
24	6.152	775	776	779	rBV2	1046	942	0.04%	0.015%
25	6.299	800	801	804	rVB	1802	1163	0.05%	0.019%
26	6.340	804	808	809	rBV2	782	822	0.03%	0.013%
27	6.393	815	817	820	rVB	1068	1139	0.04%	0.018%
28	6.469	828	830	832	rVV	1345	847	0.03%	0.014%
29	6.628	855	857	862	rBV3	1553	2105	0.08%	0.034%
30	6.763	878	880	882	rBV	1163	1078	0.04%	0.017%
31	6.787	882	884	888	rVV3	1076	1409	0.05%	0.023%
32	6.993	907	919	929	rBV	32911	102998	3.99%	1.669%
33	7.328	975	976	979	rVB2	1387	929	0.04%	0.015%
34	7.446	994	996	999	rBV2	1135	955	0.04%	0.015%
35	7.469	999	1000	1003	rVB	1073	896	0.03%	0.015%
36	7.563	1006	1016	1029	rBV	59142	155576	6.03%	2.521%

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 Title : SFAM01.0

37	7.687	1035	1037	1039	rBV2	1009	931	0.04%	0.015%
38	7.869	1066	1068	1069	rBV	904	891	0.03%	0.014%
39	7.910	1072	1075	1077	rBV	780	985	0.04%	0.016%
40	8.204	1115	1125	1140	rVV2	101281	344047	13.33%	5.576%
41	8.428	1159	1163	1164	rBV2	1486	1205	0.05%	0.020%
42	8.516	1176	1178	1181	rBV3	662	869	0.03%	0.014%
43	8.616	1194	1195	1198	rVV	1340	1049	0.04%	0.017%
44	8.663	1201	1203	1207	rBV3	1298	1120	0.04%	0.018%
45	8.775	1214	1222	1231	rBV2	116860	244092	9.46%	3.956%
46	8.887	1238	1241	1245	rBV2	1641	2330	0.09%	0.038%
47	8.999	1258	1260	1263	rBV2	1252	1291	0.05%	0.021%
48	9.128	1280	1282	1284	rBV2	758	879	0.03%	0.014%
49	9.210	1287	1296	1304	rVV2	87382	181633	7.04%	2.944%
50	9.322	1313	1315	1318	rVB2	1682	1334	0.05%	0.022%
51	9.528	1348	1350	1354	rBV2	1041	894	0.03%	0.014%
52	9.587	1358	1360	1361	rBV2	1402	970	0.04%	0.016%
53	9.604	1361	1363	1366	rVB2	2552	2333	0.09%	0.038%
54	9.981	1420	1427	1434	rBV	47912	90336	3.50%	1.464%
55	10.163	1456	1458	1462	rBV3	1365	1318	0.05%	0.021%
56	10.269	1466	1476	1484	rBV	117077	216002	8.37%	3.501%
57	10.528	1512	1520	1528	rBV	35348	64544	2.50%	1.046%
58	10.616	1532	1535	1537	rBV3	798	961	0.04%	0.016%
59	10.875	1573	1579	1592	rBV	106996	200159	7.76%	3.244%
60	10.993	1598	1599	1602	rBV2	878	1035	0.04%	0.017%
61	11.116	1618	1620	1623	rBV2	948	833	0.03%	0.014%
62	11.140	1623	1624	1628	rVB	1124	1029	0.04%	0.017%
63	11.581	1692	1699	1708	rBV	150428	263977	10.23%	4.278%
64	11.740	1725	1726	1730	rBV2	1380	1419	0.05%	0.023%
65	11.781	1730	1733	1735	rVV2	1088	1374	0.05%	0.022%
66	11.840	1739	1743	1745	rBV2	890	1283	0.05%	0.021%
67	11.945	1759	1761	1764	rBV2	903	940	0.04%	0.015%
68	11.981	1764	1767	1769	rBV	1059	1057	0.04%	0.017%
69	12.063	1778	1781	1782	rVB2	1542	1217	0.05%	0.020%
70	12.087	1782	1785	1787	rBV	1304	1553	0.06%	0.025%
71	12.163	1796	1798	1800	rBV2	944	781	0.03%	0.013%
72	12.181	1800	1801	1804	rVB2	1489	808	0.03%	0.013%
73	12.210	1804	1806	1809	rBV3	1083	1334	0.05%	0.022%
74	12.234	1809	1810	1813	rVB2	1296	1101	0.04%	0.018%
75	12.345	1828	1829	1832	rBV	1127	919	0.04%	0.015%
76	12.416	1839	1841	1843	rBV2	1470	1297	0.05%	0.021%

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 Title : SFAM01.0

77	12.481	1849	1852	1855	rBV2	1776	1712	0.07%	0.028%
78	12.534	1860	1861	1864	rVB2	1274	866	0.03%	0.014%
79	12.575	1864	1868	1871	rBV4	3554	4156	0.16%	0.067%
80	12.651	1874	1881	1887	rBV	121856	202645	7.85%	3.284%
81	13.245	1980	1982	1985	rBV2	1316	1686	0.07%	0.027%
82	13.322	1993	1995	1998	rBV2	1448	2128	0.08%	0.034%
83	13.516	2022	2028	2034	rVB	121693	193197	7.49%	3.131%
84	13.698	2057	2059	2060	rVB	1813	1053	0.04%	0.017%
85	13.745	2060	2067	2070	rBV5	3484	8617	0.33%	0.140%
86	13.816	2073	2079	2085	rVB	89265	156899	6.08%	2.543%
87	14.045	2115	2118	2122	rBV5	5189	7638	0.30%	0.124%
88	14.145	2134	2135	2137	rBV	2126	985	0.04%	0.016%
89	14.163	2137	2138	2141	rVV2	973	857	0.03%	0.014%
90	14.216	2146	2147	2148	rBV	1896	912	0.04%	0.015%
91	14.457	2186	2188	2190	rBV3	1770	1540	0.06%	0.025%
92	14.739	2234	2236	2237	rBV2	2061	1455	0.06%	0.024%
93	14.804	2237	2247	2257	rVV5	19496	69809	2.70%	1.131%
94	15.069	2290	2292	2293	rBV	1789	999	0.04%	0.016%
95	15.139	2302	2304	2305	rBV2	2181	1261	0.05%	0.020%
96	15.204	2314	2315	2317	rBV2	2346	2181	0.08%	0.035%
97	15.298	2329	2331	2337	rVB4	6847	9497	0.37%	0.154%
98	15.633	2387	2388	2390	rBV2	2285	1567	0.06%	0.025%
99	16.233	2488	2490	2491	rBV2	2717	1766	0.07%	0.029%
100	16.498	2533	2535	2537	rBV3	2957	2043	0.08%	0.033%

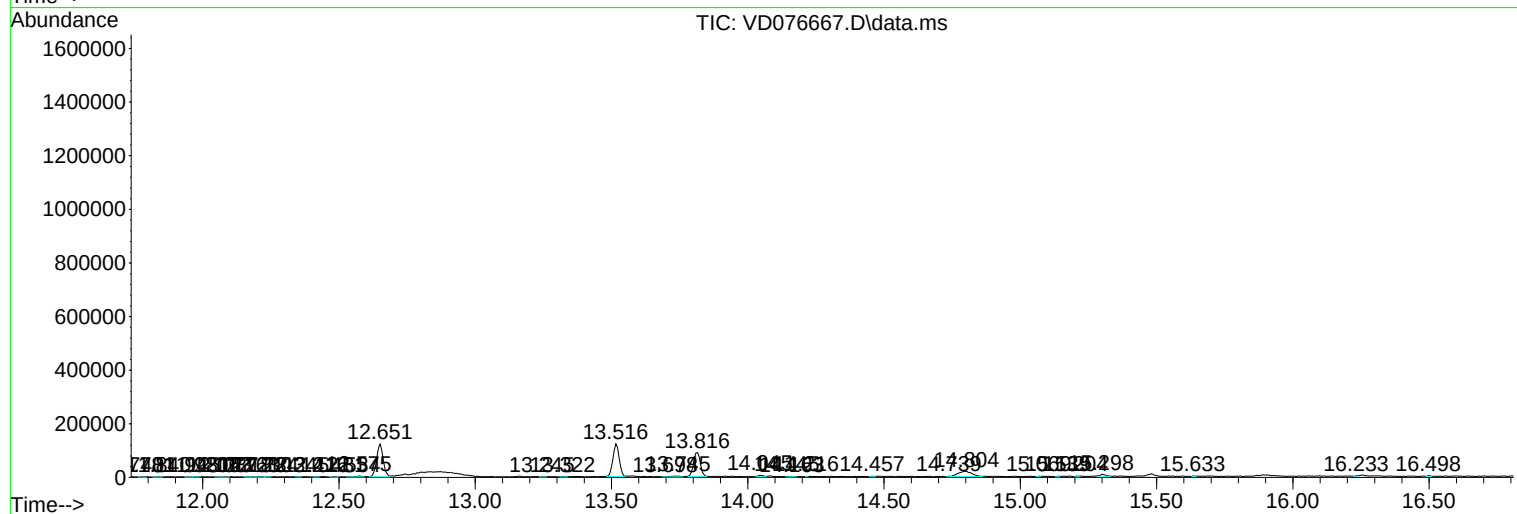
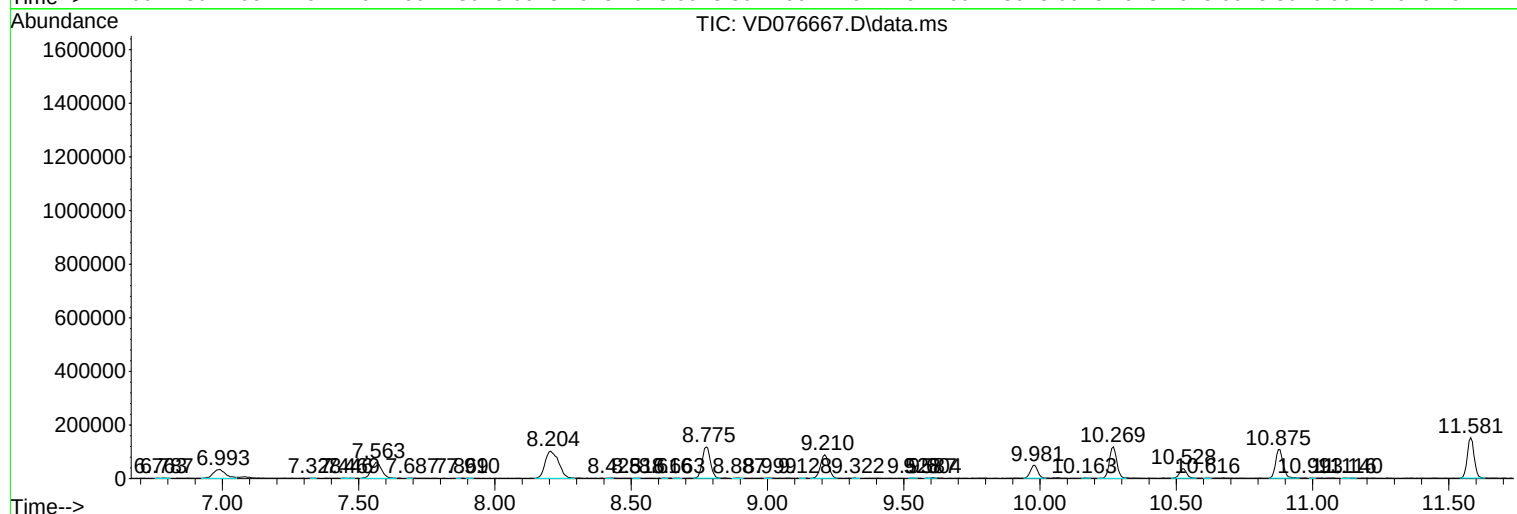
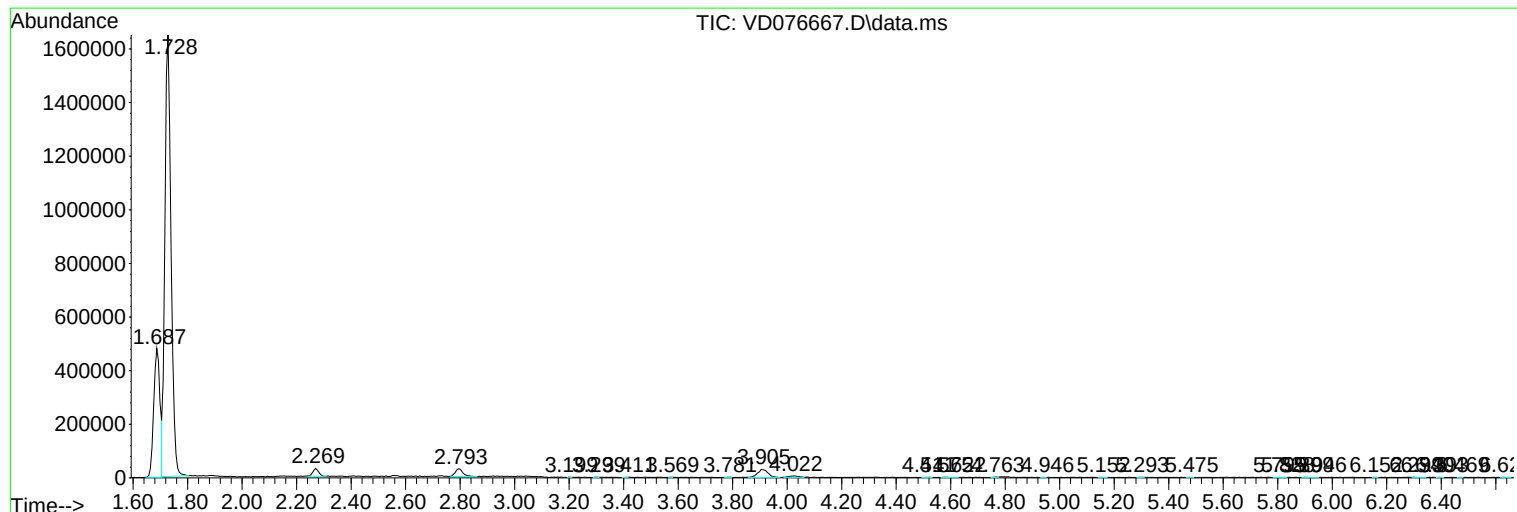
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ALS Vial : 19 Sample Multiplier: 1

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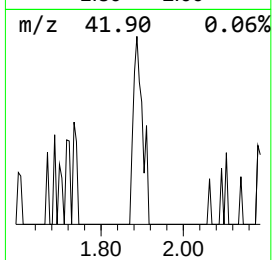
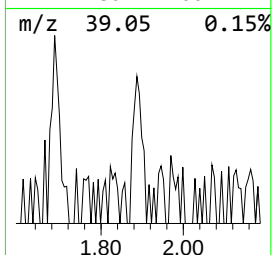
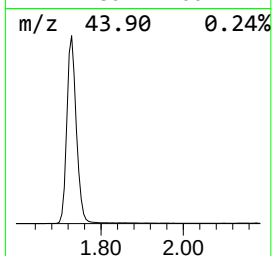
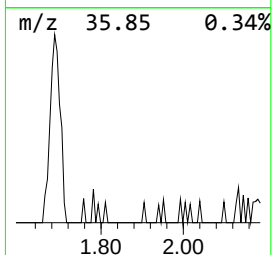
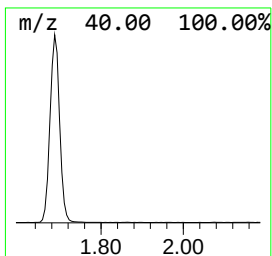
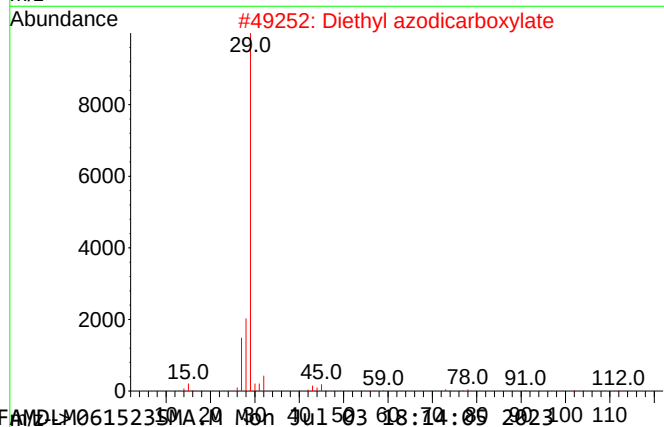
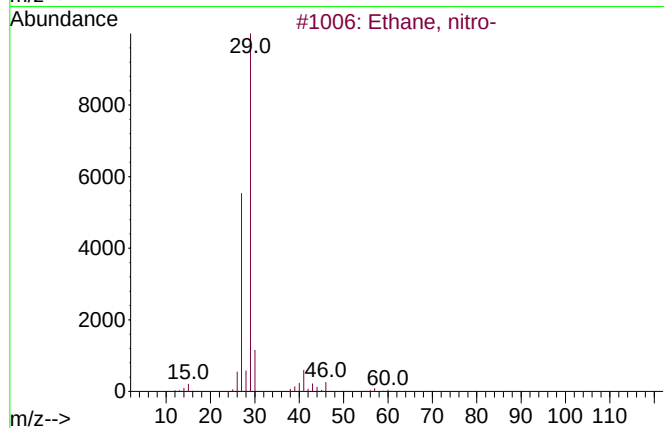
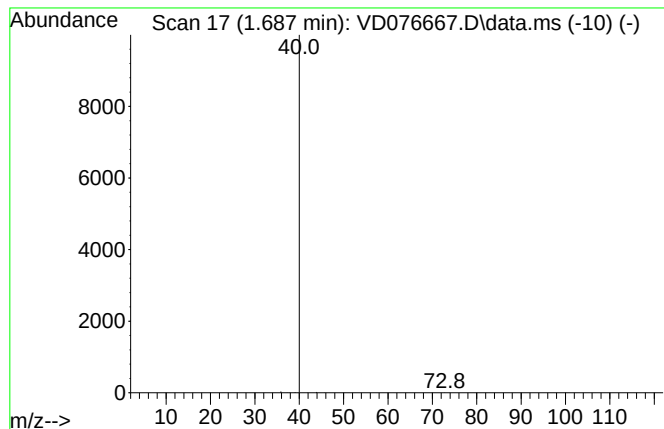
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.687	80.31 ug/L	784091	1,4-Difluorobenzene	8.775

Hit#	of	2	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, nitro-			75	C2H5NO2	000079-24-3	1
2	Diethyl azodicarboxylate			174	C6H10N2O4	001972-28-7	1



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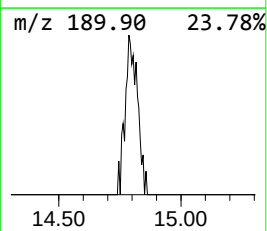
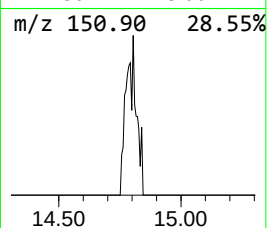
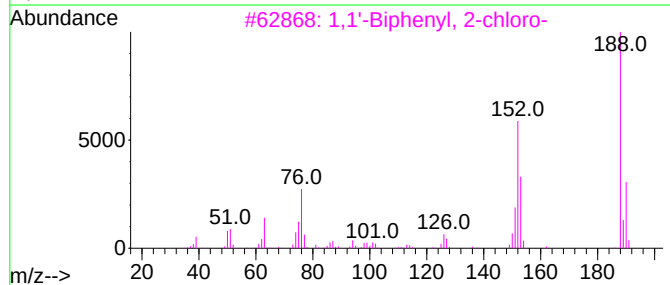
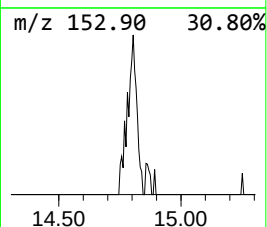
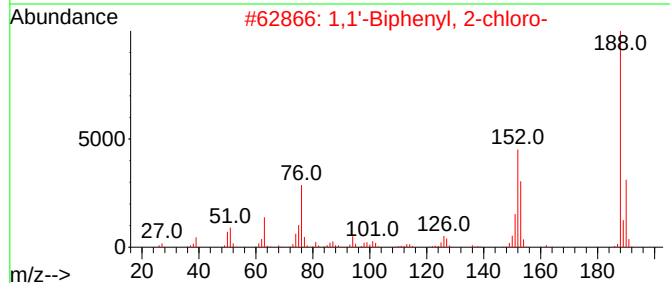
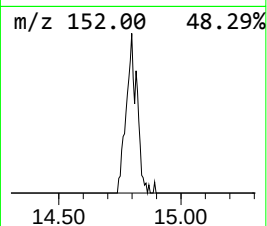
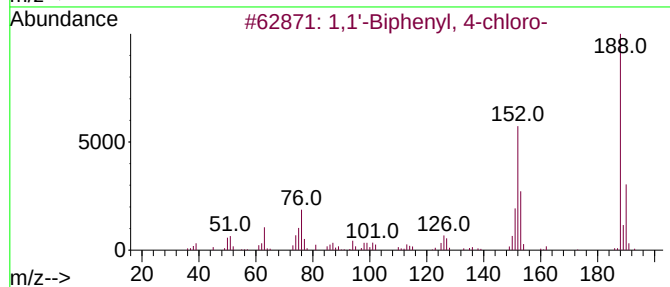
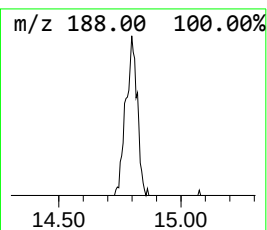
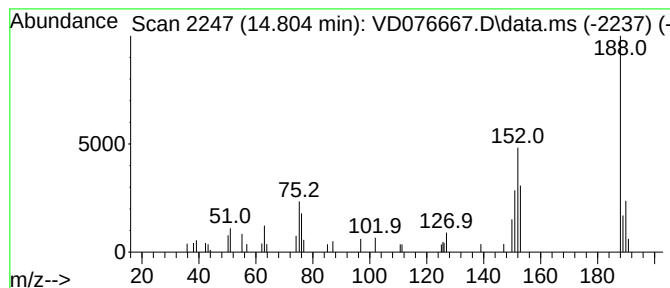
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	9.03 ug/L	69809	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	87
2	1,1'-Biphenyl, 2-chloro-			188	C12H9Cl	002051-60-7	83
3	1,1'-Biphenyl, 2-chloro-			188	C12H9Cl	002051-60-7	80
4	3-Chlorobiphenyl			188	C12H9Cl	002051-61-8	72
5	1,1'-Biphenyl, 4-chloro-			188	C12H9Cl	002051-62-9	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	1.687	80.3	ug/L	784091	1	8.775	244092	25.0
1,1'-Biphenyl, ...	14.804	9.0	ug/L	69809	3	13.516	193197	25.0