

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076669.D
 Acq On : 30 Jun 2023 18:20
 Operator : KP/SY
 Sample : 03472-23
 Misc : 5.26G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46R4

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\SFAMDL061523SMA.M
 Title : SFAM01.0

Signal : TIC: VD076669.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.658	9	12	13	rBV2	861	985	0.02%	0.007%
2	1.734	14	25	33	rBV	630582	1229503	25.92%	8.814%
3	1.893	47	52	58	rVB4	10546	16111	0.34%	0.115%
4	2.175	98	100	102	rBV3	1885	2059	0.04%	0.015%
5	2.270	109	116	125	rBV	103690	153709	3.24%	1.102%
6	2.352	128	130	131	rBV2	2562	1971	0.04%	0.014%
7	2.411	138	140	144	rVB3	5241	7119	0.15%	0.051%
8	2.564	162	166	170	rVB4	4147	5743	0.12%	0.041%
9	2.664	181	183	186	rBV3	2730	2564	0.05%	0.018%
10	2.728	192	194	198	rBV5	1912	2276	0.05%	0.016%
11	2.793	198	205	216	rVV	92282	184385	3.89%	1.322%
12	3.040	246	247	248	rBV	2199	980	0.02%	0.007%
13	3.187	270	272	273	rBV	944	882	0.02%	0.006%
14	3.269	283	286	288	rVB	1087	1174	0.02%	0.008%
15	3.293	288	290	291	rBV	2193	1548	0.03%	0.011%
16	3.422	311	312	314	rBV2	1316	928	0.02%	0.007%
17	3.458	316	318	319	rVV	1856	1059	0.02%	0.008%
18	3.534	328	331	334	rBV3	831	1417	0.03%	0.010%
19	3.664	350	353	355	rBV	1076	1031	0.02%	0.007%
20	3.799	375	376	379	rVB2	1634	1188	0.03%	0.009%
21	3.911	384	395	406	rBV2	112009	279710	5.90%	2.005%
22	4.022	406	414	424	rVV	17704	47443	1.00%	0.340%
23	4.134	431	433	435	rVB2	962	922	0.02%	0.007%
24	4.246	450	452	454	rBV	1099	1139	0.02%	0.008%
25	4.458	486	488	491	rVB2	926	1182	0.02%	0.008%
26	4.552	500	504	507	rBV3	1052	1470	0.03%	0.011%
27	4.681	524	526	530	rVB	1468	1719	0.04%	0.012%
28	4.728	530	534	536	rBV2	1341	1427	0.03%	0.010%
29	4.787	536	544	545	rBV4	10520	17408	0.37%	0.125%
30	4.869	556	558	559	rBV2	1597	1077	0.02%	0.008%
31	5.028	583	585	588	rVB	1114	967	0.02%	0.007%
32	5.187	608	612	613	rBV2	1261	1166	0.02%	0.008%
33	5.216	616	617	621	rVB2	969	964	0.02%	0.007%
34	5.258	621	624	625	rBV	1186	1135	0.02%	0.008%
35	5.299	625	631	633	rBV2	4395	7217	0.15%	0.052%
36	5.369	641	643	646	rVB2	1309	1464	0.03%	0.010%

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Integration Parameters: LSCINT.P

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

37	5.393	646	647	649	rBV	1264	884	0.02%	0.006%
38	5.446	655	656	658	rBV	1597	938	0.02%	0.007%
39	5.558	673	675	677	rVB2	1080	1122	0.02%	0.008%
40	5.728	702	704	708	rVB3	1309	1302	0.03%	0.009%
41	5.793	713	715	716	rVV	1542	1082	0.02%	0.008%
42	5.816	716	719	721	rVV3	1825	2350	0.05%	0.017%
43	5.840	721	723	727	rVV2	2723	3017	0.06%	0.022%
44	5.875	727	729	731	rVB2	1404	1272	0.03%	0.009%
45	5.940	737	740	744	rVB2	956	1302	0.03%	0.009%
46	6.011	749	752	754	rVV3	1710	1269	0.03%	0.009%
47	6.034	754	756	760	rVB	763	995	0.02%	0.007%
48	6.175	778	780	783	rBV2	1084	952	0.02%	0.007%
49	6.252	792	793	797	rBV2	1022	1110	0.02%	0.008%
50	6.293	797	800	804	rBV	1159	1582	0.03%	0.011%
51	6.458	825	828	832	rVB	721	1243	0.03%	0.009%
52	6.669	861	864	867	rVB3	1113	1461	0.03%	0.010%
53	6.710	867	871	873	rBV2	770	985	0.02%	0.007%
54	6.746	875	877	880	rVB	1279	922	0.02%	0.007%
55	6.781	880	883	885	rBV	1059	1304	0.03%	0.009%
56	6.893	900	902	905	rVB	1766	1446	0.03%	0.010%
57	6.987	905	918	926	rBV2	43449	130139	2.74%	0.933%
58	7.081	928	934	942	rVV3	10528	32186	0.68%	0.231%
59	7.199	950	954	956	rBV2	1370	1283	0.03%	0.009%
60	7.299	969	971	972	rBV2	1261	1026	0.02%	0.007%
61	7.369	980	983	985	rBV2	738	900	0.02%	0.006%
62	7.446	994	996	1000	rBV3	1860	1827	0.04%	0.013%
63	7.563	1006	1016	1030	rBV	176707	470015	9.91%	3.369%
64	7.699	1037	1039	1042	rVB2	2326	1540	0.03%	0.011%
65	7.740	1044	1046	1048	rVV2	933	932	0.02%	0.007%
66	7.793	1053	1055	1056	rBV	2205	1246	0.03%	0.009%
67	7.875	1067	1069	1071	rVB3	1307	967	0.02%	0.007%
68	7.893	1071	1072	1074	rBV2	1280	930	0.02%	0.007%
69	7.946	1080	1081	1083	rVV	1158	976	0.02%	0.007%
70	7.969	1083	1085	1088	rVB2	1831	1757	0.04%	0.013%
71	8.093	1103	1106	1107	rBV2	1690	1698	0.04%	0.012%
72	8.122	1110	1111	1114	rVB	1934	1225	0.03%	0.009%
73	8.199	1114	1124	1142	rBV2	318207	1004276	21.17%	7.200%
74	8.340	1145	1148	1149	rBV2	1591	1222	0.03%	0.009%
75	8.363	1151	1152	1155	rBV2	2316	2633	0.06%	0.019%
76	8.422	1159	1162	1163	rBV2	1915	1713	0.04%	0.012%

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 Title : SFAM01.0

77	8.534	1180	1181	1183	rBV2	1345	952	0.02%	0.007%
78	8.604	1190	1193	1194	rBV3	1412	1153	0.02%	0.008%
79	8.646	1198	1200	1202	rVB3	2162	1852	0.04%	0.013%
80	8.675	1202	1205	1207	rBV3	2619	1801	0.04%	0.013%
81	8.704	1208	1210	1213	rVB4	1974	2114	0.04%	0.015%
82	8.775	1213	1222	1231	rBV	408765	838772	17.68%	6.013%
83	8.893	1240	1242	1245	rVB4	2874	1533	0.03%	0.011%
84	8.916	1245	1246	1253	rBV7	1964	2525	0.05%	0.018%
85	8.987	1256	1258	1259	rBV2	2676	2343	0.05%	0.017%
86	9.087	1273	1275	1277	rBV3	2709	2880	0.06%	0.021%
87	9.110	1277	1279	1284	rVB5	2450	1978	0.04%	0.014%
88	9.210	1287	1296	1308	rBV	244703	527692	11.12%	3.783%
89	9.499	1343	1345	1346	rBV2	2852	1714	0.04%	0.012%
90	9.593	1359	1361	1365	rVB5	4891	5276	0.11%	0.038%
91	9.981	1420	1427	1433	rVB	135687	243152	5.13%	1.743%
92	10.269	1469	1476	1485	rBV	409848	746834	15.74%	5.354%
93	10.522	1513	1519	1528	rBV	85488	162283	3.42%	1.163%
94	10.875	1574	1579	1587	rBV	160882	278210	5.86%	1.994%
95	11.581	1692	1699	1712	rBV	514484	909124	19.16%	6.517%
96	12.651	1875	1881	1889	rBV	213512	385485	8.13%	2.763%
97	13.516	2022	2028	2034	rBV	405977	643479	13.56%	4.613%
98	13.816	2072	2079	2088	rBV	310191	593286	12.51%	4.253%
99	14.804	2235	2247	2260	rVB2	1296479	4744083	100.00%	34.010%
100	15.304	2328	2332	2338	rVB2	105304	182593	3.85%	1.309%

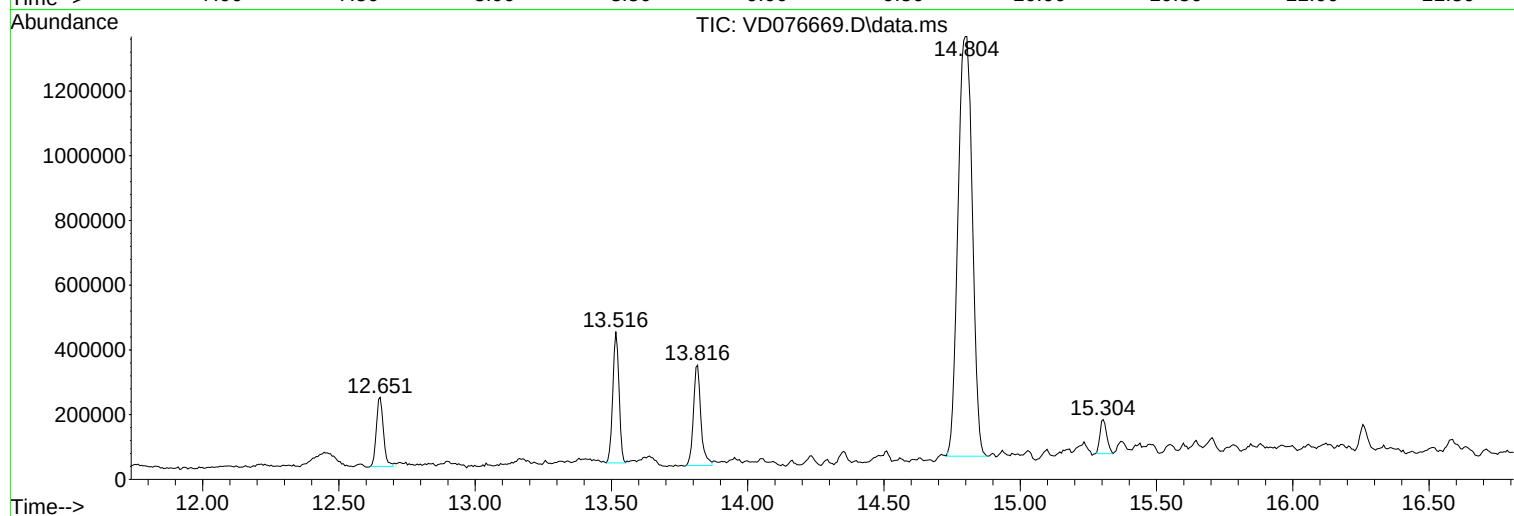
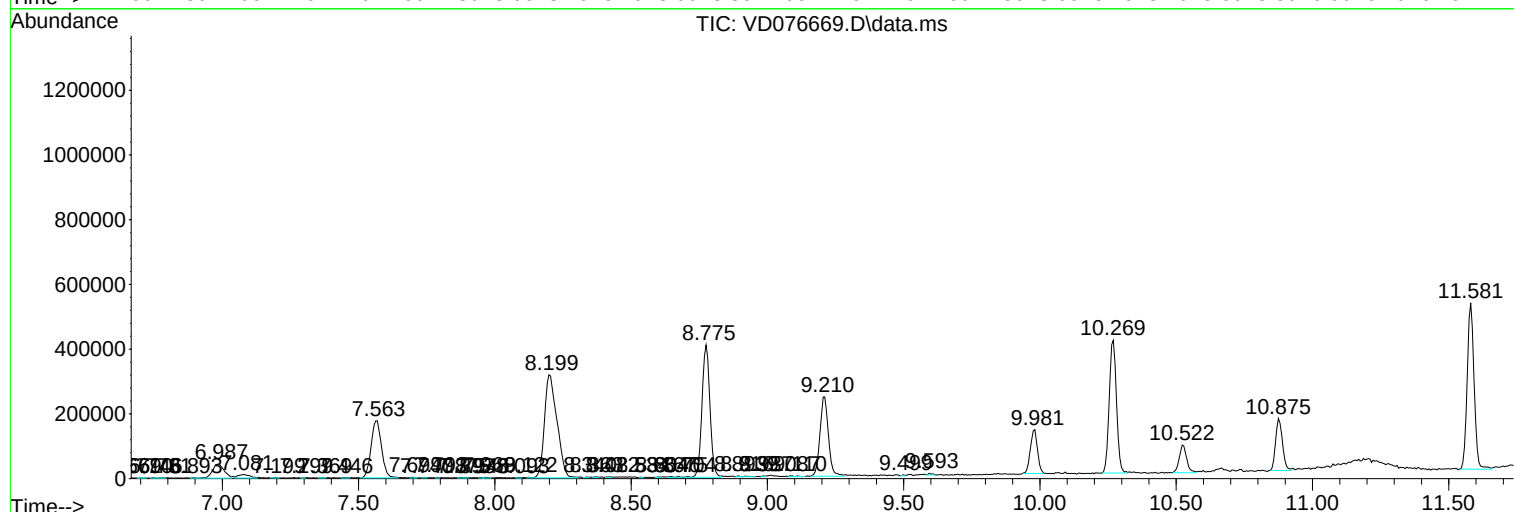
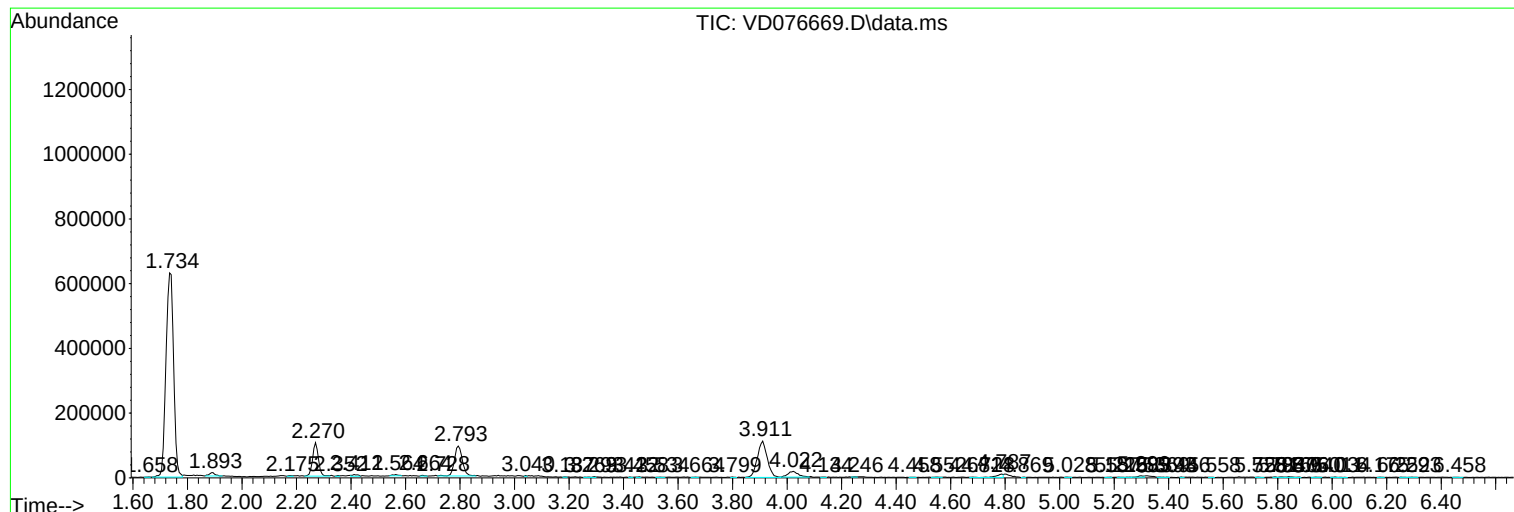
Sum of corrected areas: 13949185

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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
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A46R4

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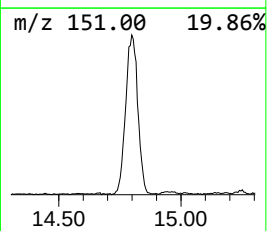
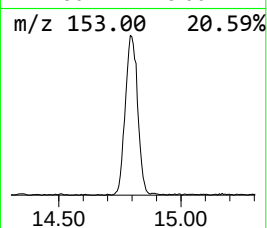
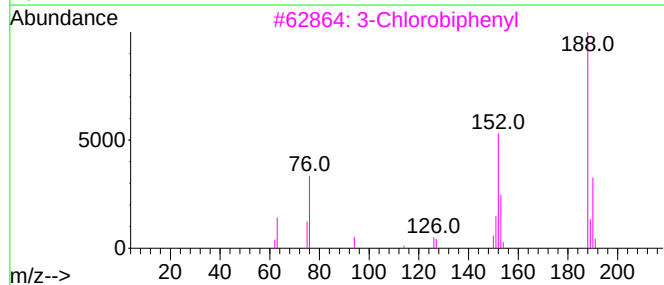
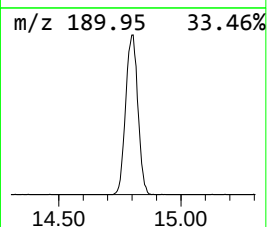
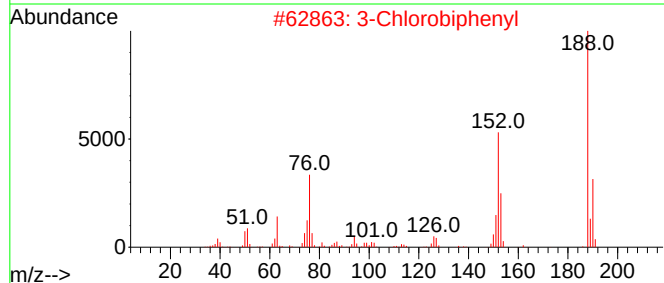
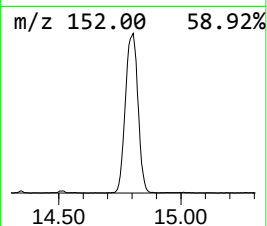
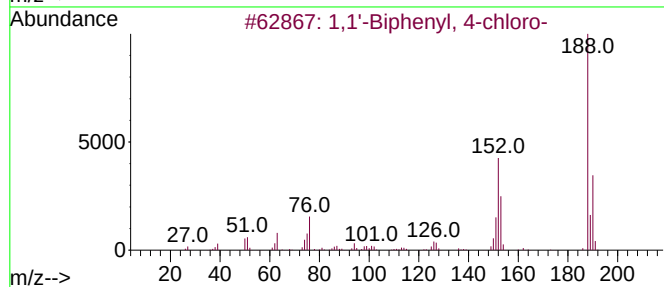
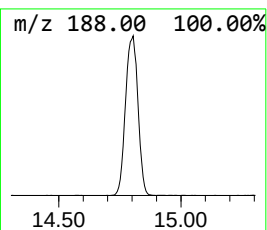
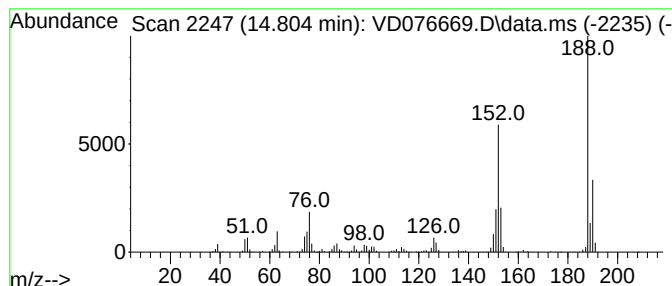
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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.
14.804	184.31 ug/L	4744080	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			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	95
3			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	95
4			1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	94
5			1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	93



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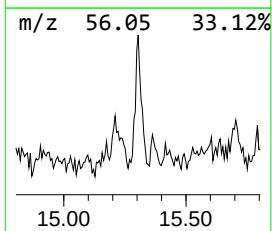
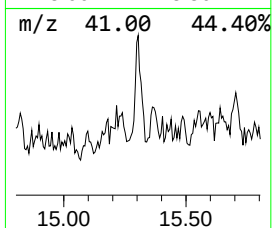
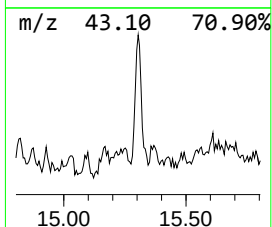
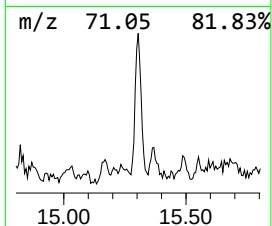
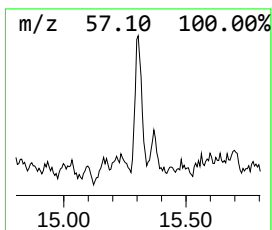
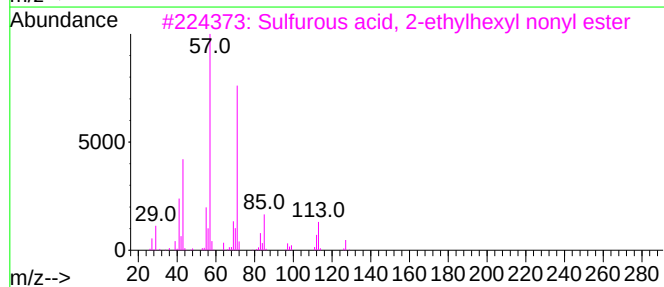
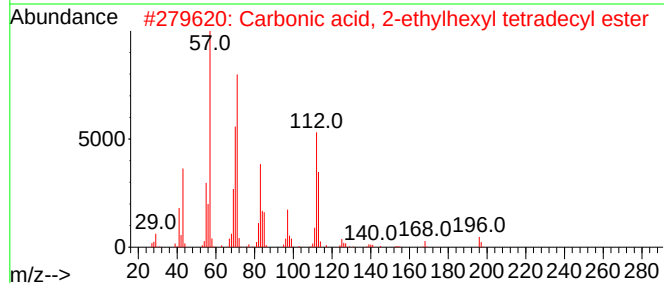
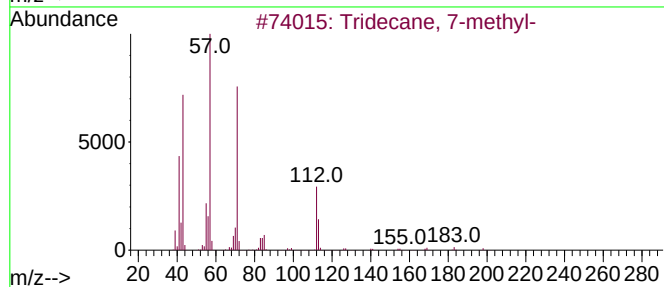
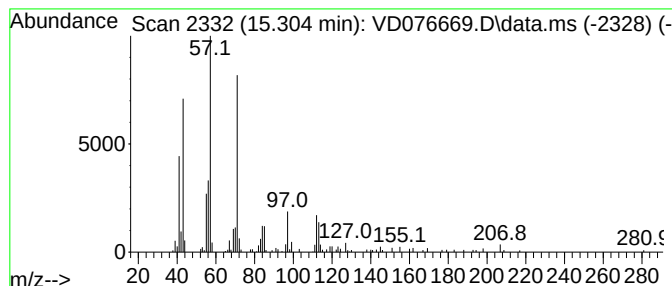
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	7.09 ug/L	182593	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
2			Carbonic acid, 2-ethylhexyl tetr...	370	C23H46O3	1010383-14-1	64
3			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	64
4			1-Decene, 4-methyl-	154	C11H22	013151-29-6	53
5			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53



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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, ...	14.804	184.3	ug/L	4744080	3	13.516	643479	25.0
(DEL) Alkane: S...	15.304	7.1	ug/L	182593	3	13.516	643479	25.0