

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026344.D
 Acq On : 27 Jun 2023 11:02
 Operator : SY/MD
 Sample : 03421-03
 Misc : 4.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4635

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\SFAMWLM062623SMA.M
 Title : SFAM01.0

Signal : TIC: VW026344.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	38	42	46	rBV3	7050	10933	0.13%	0.028%
2	2.216	49	54	55	rBV5	5485	7846	0.09%	0.020%
3	2.235	55	57	59	rVV3	2440	2125	0.03%	0.005%
4	2.369	71	79	92	rBV	198150	518874	6.19%	1.334%
5	2.753	141	142	143	rVB	3155	1155	0.01%	0.003%
6	2.899	158	166	182	rVB	165614	464744	5.55%	1.195%
7	3.235	219	221	222	rBV2	1809	1481	0.02%	0.004%
8	3.253	222	224	226	rVB3	2477	2114	0.03%	0.005%
9	3.289	229	230	232	rBV2	1517	1135	0.01%	0.003%
10	3.387	242	246	248	rBV5	1114	1324	0.02%	0.003%
11	3.405	248	249	253	rVB4	1906	1566	0.02%	0.004%
12	3.515	266	267	269	rBV2	1626	1059	0.01%	0.003%
13	3.558	272	274	278	rVB5	1545	1768	0.02%	0.005%
14	3.606	278	282	283	rBV4	1412	1936	0.02%	0.005%
15	3.680	290	294	297	rBV6	1130	1661	0.02%	0.004%
16	3.795	312	313	318	rVB5	1764	1162	0.01%	0.003%
17	3.844	318	321	324	rBV5	1225	1496	0.02%	0.004%
18	4.021	337	350	362	rBV	391388	1308962	15.63%	3.365%
19	4.234	383	385	387	rVB3	1160	1197	0.01%	0.003%
20	4.320	398	399	401	rBV2	1405	1123	0.01%	0.003%
21	4.393	401	411	419	rVV	6643	21006	0.25%	0.054%
22	4.478	424	425	429	rVB4	1547	1272	0.02%	0.003%
23	4.539	431	435	436	rVB4	1070	1141	0.01%	0.003%
24	4.600	443	445	448	rBV4	1633	1796	0.02%	0.005%
25	4.655	451	454	456	rBV3	1313	1413	0.02%	0.004%
26	4.692	459	460	463	rVB3	2230	1417	0.02%	0.004%
27	4.740	465	468	470	rVB4	1404	960	0.01%	0.002%
28	4.777	470	474	476	rBV4	1317	1635	0.02%	0.004%
29	4.826	480	482	486	rVB5	979	1227	0.01%	0.003%
30	4.929	488	499	507	rBV3	9233	33354	0.40%	0.086%
31	5.021	512	514	516	rVB3	1193	1027	0.01%	0.003%
32	5.100	524	527	530	rBV5	1256	2252	0.03%	0.006%
33	5.155	534	536	537	rVB2	1547	1103	0.01%	0.003%
34	5.198	542	543	545	rVB2	2290	1262	0.02%	0.003%
35	5.228	545	548	549	rBV3	1270	953	0.01%	0.002%
36	5.320	558	563	568	rVB9	1659	4005	0.05%	0.010%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Title : SFAM01.0

37	5.362	568	570	571	rBV2	1743	1139	0.01%	0.003%
38	5.405	573	577	582	rBV7	1414	3164	0.04%	0.008%
39	5.460	582	586	587	rVB4	1451	1436	0.02%	0.004%
40	5.478	587	589	592	rBV4	1456	1114	0.01%	0.003%
41	5.509	592	594	597	rBV4	1219	1279	0.02%	0.003%
42	5.600	608	609	613	rVB3	869	949	0.01%	0.002%
43	5.728	627	630	632	rBV4	1287	1610	0.02%	0.004%
44	5.783	638	639	648	rVB7	1318	2537	0.03%	0.007%
45	5.844	648	649	652	rBV3	1240	1248	0.01%	0.003%
46	5.947	657	666	673	rBV3	6139	18065	0.22%	0.046%
47	6.088	686	689	692	rVB5	1615	1833	0.02%	0.005%
48	6.124	692	695	697	rBV4	1502	1768	0.02%	0.005%
49	6.173	700	703	704	rBV3	1979	1704	0.02%	0.004%
50	6.185	704	705	707	rBV2	1137	1158	0.01%	0.003%
51	6.252	715	716	721	rVB5	2299	1909	0.02%	0.005%
52	6.307	721	725	728	rBV6	1290	2003	0.02%	0.005%
53	6.405	740	741	744	rVB3	1236	1063	0.01%	0.003%
54	6.460	746	750	751	rBV4	1593	962	0.01%	0.002%
55	6.484	751	754	757	rVB5	989	1210	0.01%	0.003%
56	6.514	757	759	760	rBV2	1167	1024	0.01%	0.003%
57	6.551	763	765	767	rBV3	1487	1569	0.02%	0.004%
58	6.685	783	787	791	rBV7	951	1347	0.02%	0.003%
59	6.728	791	794	795	rBV3	1138	1042	0.01%	0.003%
60	6.777	801	802	805	rVB3	1277	1043	0.01%	0.003%
61	6.819	805	809	811	rBV5	1484	2028	0.02%	0.005%
62	6.868	814	817	821	rBV6	1153	1822	0.02%	0.005%
63	6.935	824	828	829	rVB4	1466	1638	0.02%	0.004%
64	6.953	829	831	833	rBV3	1073	1284	0.02%	0.003%
65	7.075	843	851	860	rBV	118134	346530	4.14%	0.891%
66	7.277	883	884	887	rBV3	1583	1369	0.02%	0.004%
67	7.374	899	900	904	rBV4	907	1171	0.01%	0.003%
68	7.453	910	913	914	rBV3	1070	1196	0.01%	0.003%
69	7.526	924	925	927	rBV2	1414	1334	0.02%	0.003%
70	7.545	927	928	930	rVB2	1680	945	0.01%	0.002%
71	7.648	934	945	956	rBV	670851	1642491	19.61%	4.222%
72	7.758	961	963	964	rBV2	1614	1505	0.02%	0.004%
73	7.801	967	970	974	rVB6	3194	4201	0.05%	0.011%
74	7.850	975	978	979	rBV3	1223	1214	0.01%	0.003%
75	7.862	979	980	983	rBV3	1143	1069	0.01%	0.003%
76	7.892	983	985	986	rVB2	1620	1028	0.01%	0.003%

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 Title : SFAM01.0

77	7.929	986	991	992	rBV5	2114	2943	0.04%	0.008%
78	7.953	992	995	996	rBV3	2178	2222	0.03%	0.006%
79	8.020	1004	1006	1007	rBV2	1296	1253	0.01%	0.003%
80	8.039	1007	1009	1010	rVV2	1290	1076	0.01%	0.003%
81	8.148	1022	1027	1029	rBV6	1795	3195	0.04%	0.008%
82	8.276	1037	1048	1066	rBV2	1422108	4137604	49.40%	10.635%
83	8.575	1095	1097	1102	rVB5	2168	3734	0.04%	0.010%
84	8.685	1111	1115	1121	rBV9	3393	7108	0.08%	0.018%
85	8.843	1132	1141	1154	rBV	1481779	2904063	34.67%	7.465%
86	9.057	1174	1176	1177	rBV2	2802	2650	0.03%	0.007%
87	9.276	1203	1212	1222	rBV	963915	1974141	23.57%	5.074%
88	10.032	1329	1336	1345	rBV	553123	1012799	12.09%	2.603%
89	10.325	1376	1384	1392	rBV	2004421	3557902	42.48%	9.145%
90	10.581	1419	1426	1435	rBV	342148	605485	7.23%	1.556%
91	10.922	1476	1482	1495	rBV	448187	800148	9.55%	2.057%
92	11.629	1591	1598	1607	rBV	2011441	3361168	40.13%	8.640%
93	12.690	1766	1772	1779	rVB	674511	1082418	12.92%	2.782%
94	13.556	1908	1914	1925	rVB	1924768	3170257	37.85%	8.149%
95	13.848	1956	1962	1979	rBV	1556443	2775378	33.13%	7.134%
96	14.379	2046	2049	2052	rVB5	36547	47584	0.57%	0.122%
97	14.848	2113	2126	2143	rVB2	2535645	8376373	100.00%	21.531%
98	15.159	2174	2177	2185	rVB6	38641	86652	1.03%	0.223%
99	15.318	2199	2203	2210	rVB2	100419	162268	1.94%	0.417%
100	16.275	2354	2360	2367	rVB	195021	353115	4.22%	0.908%

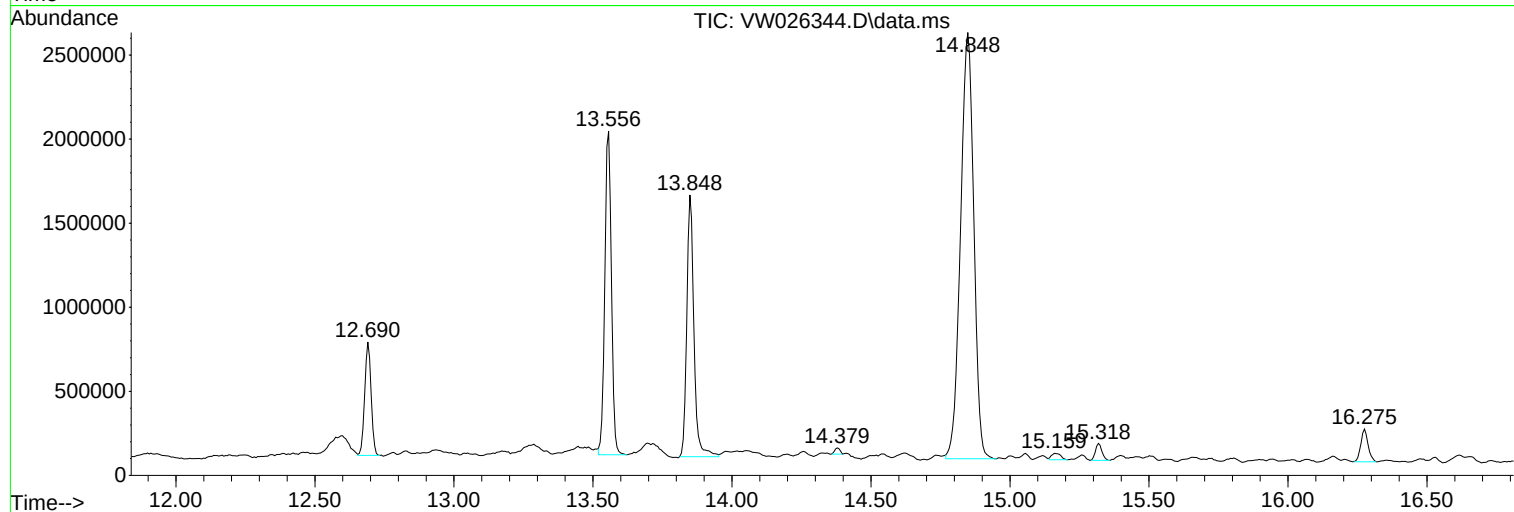
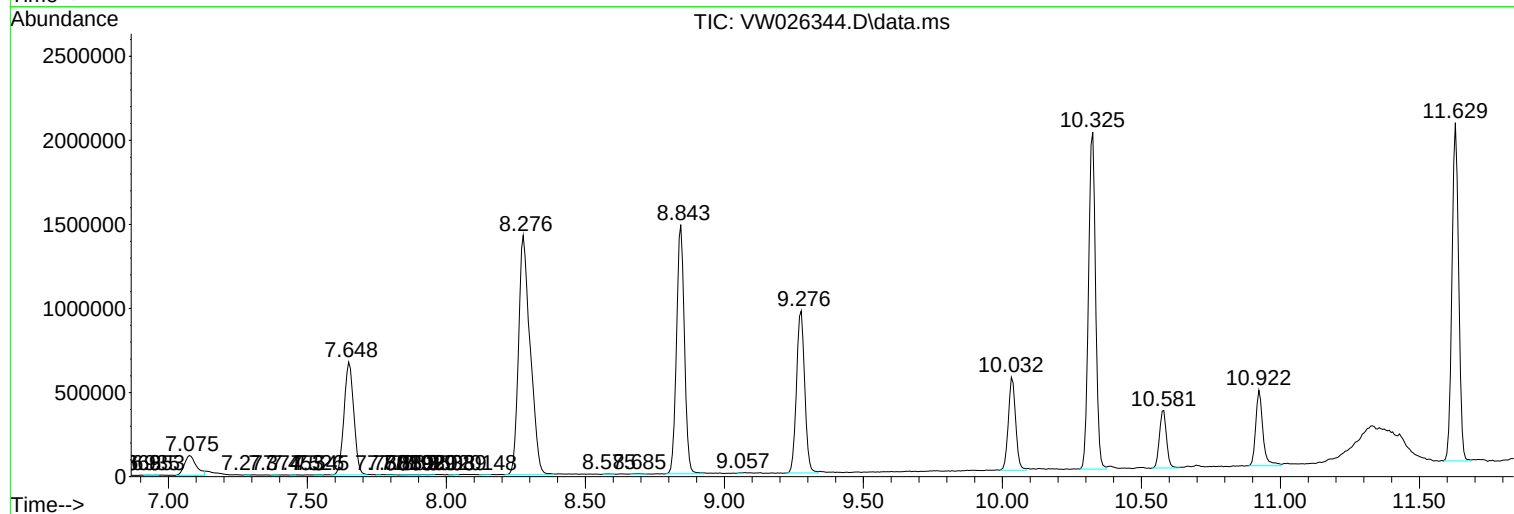
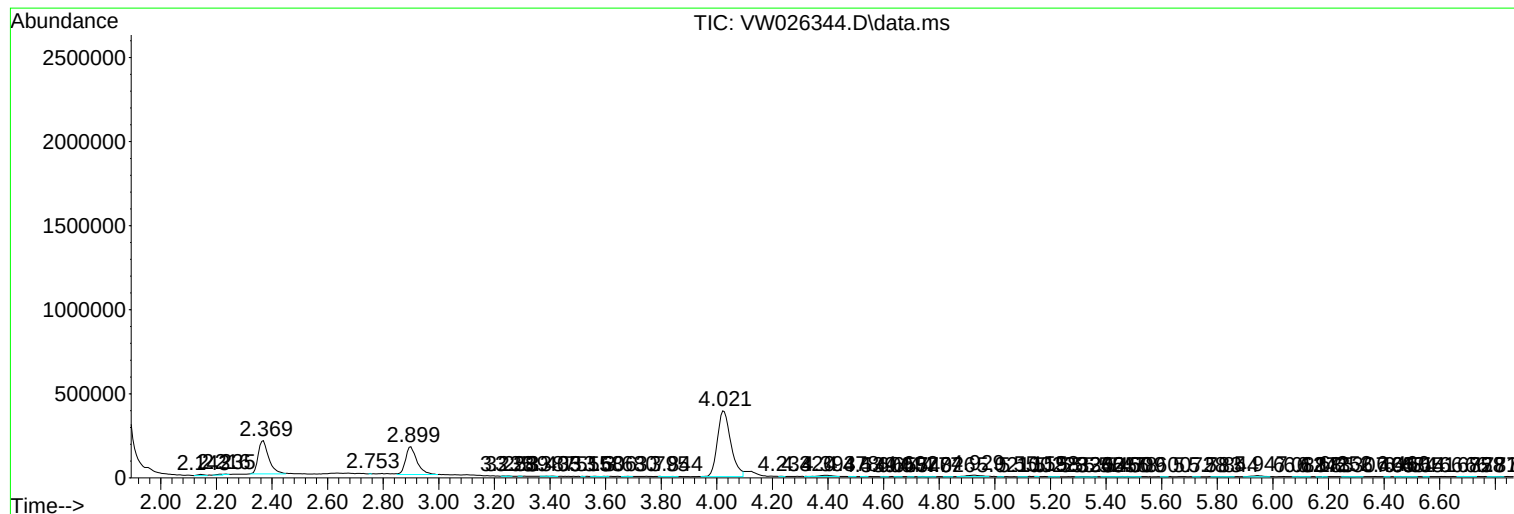
Sum of corrected areas: 38904021

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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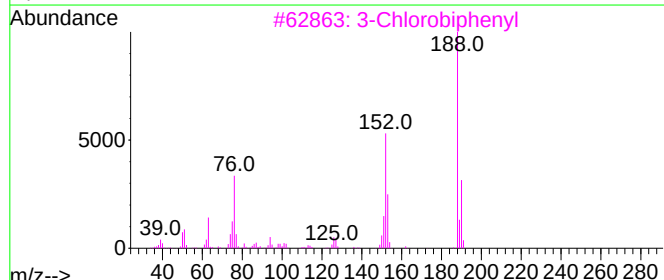
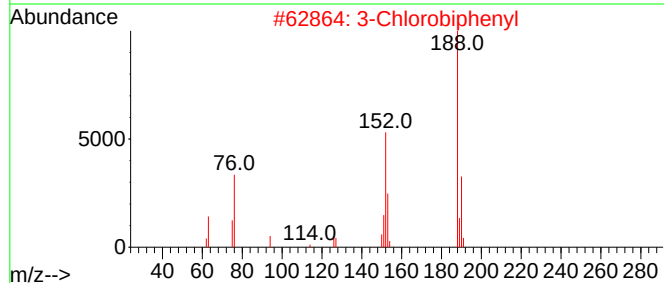
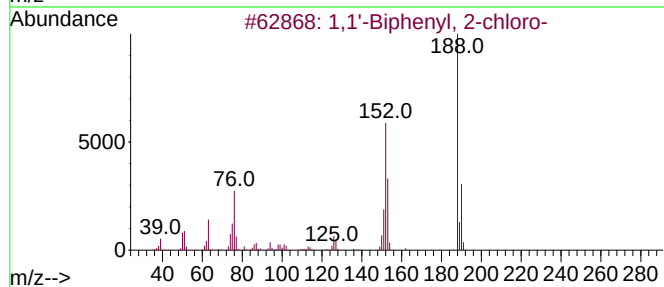
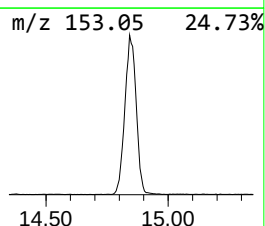
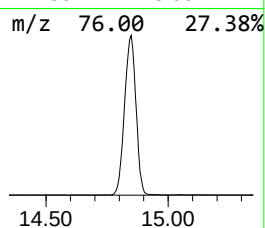
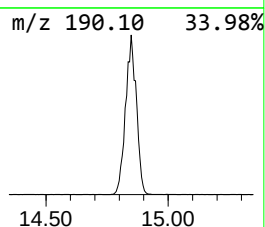
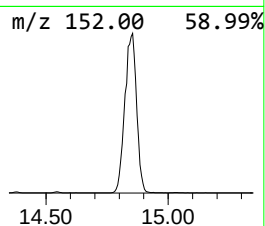
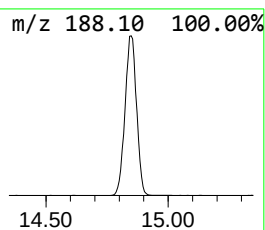
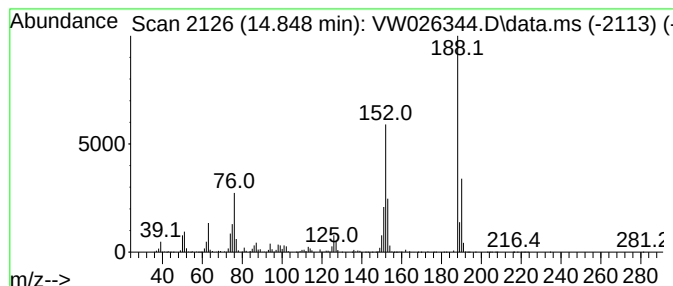
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	66.05 ug/L	8376370	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	3-Chlorobiphenyl			188	C12H9Cl	002051-61-8	98
3	3-Chlorobiphenyl			188	C12H9Cl	002051-61-8	98
4	1,1'-Biphenyl, 4-chloro-			188	C12H9Cl	002051-62-9	98
5	1,1'-Biphenyl, 2-chloro-			188	C12H9Cl	002051-60-7	97



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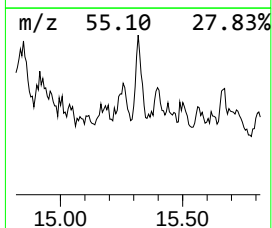
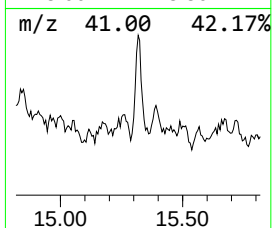
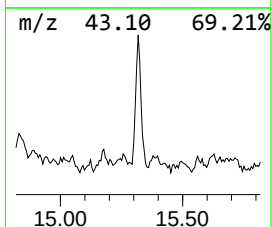
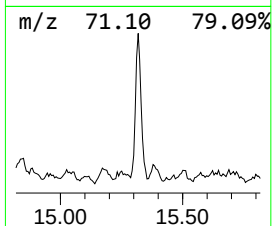
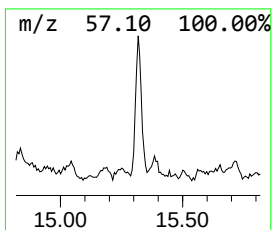
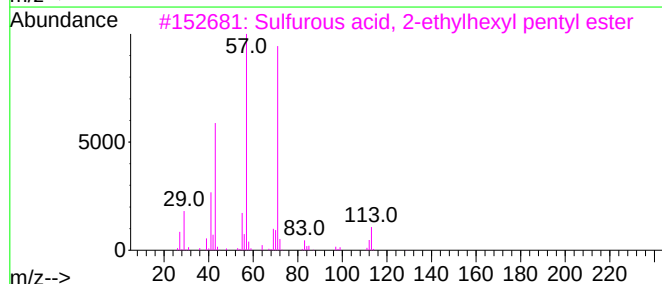
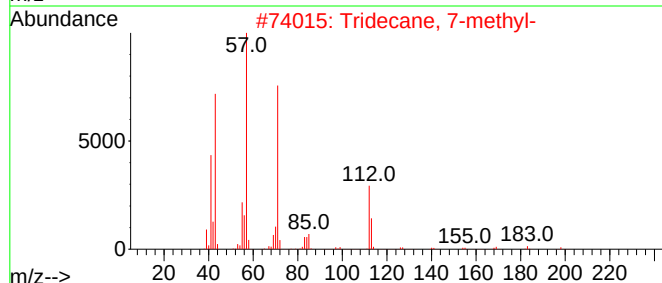
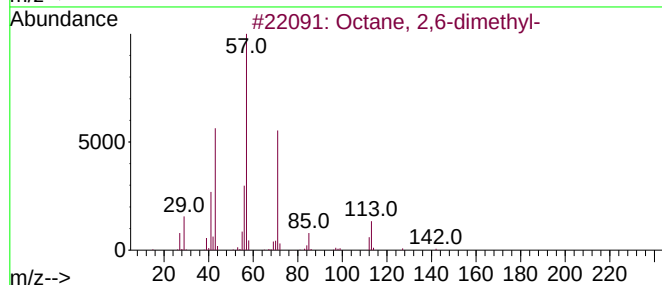
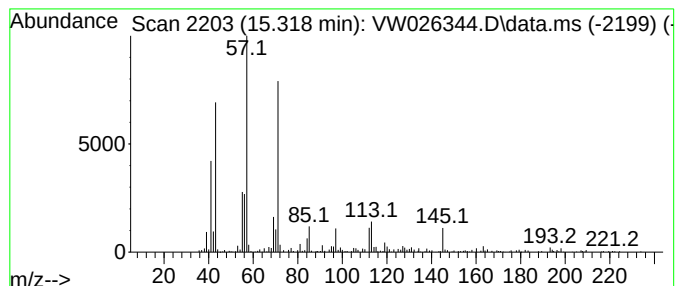
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Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	1.28 ug/L	162268	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	72	
2	Tridecane, 7-methyl-		198	C14H30	026730-14-3	59	
3	Sulfurous acid, 2-ethylhexyl pen...		264	C13H28O3S	1000309-18-9	53	
4	Oxalic acid, isobutyl pentyl ester		216	C11H20O4	1000309-37-0	50	
5	Octane, 2-bromo-		192	C8H17Br	000557-35-7	50	



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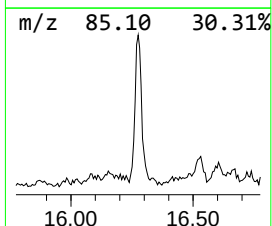
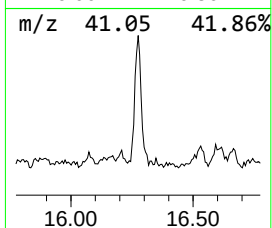
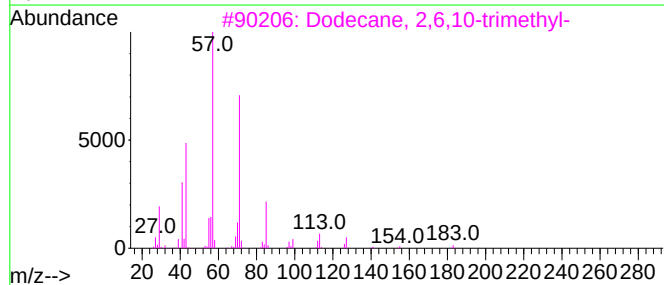
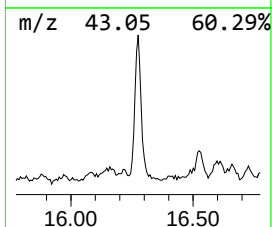
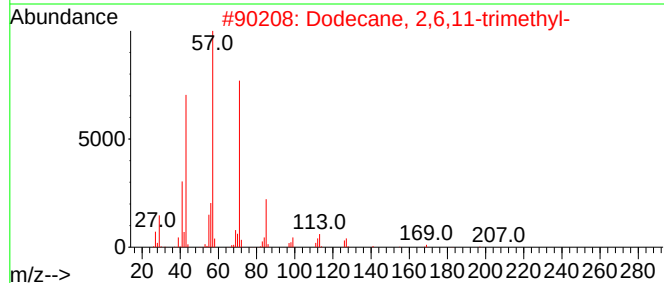
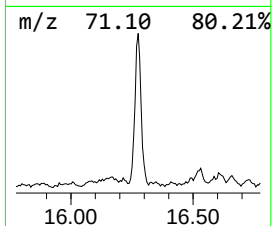
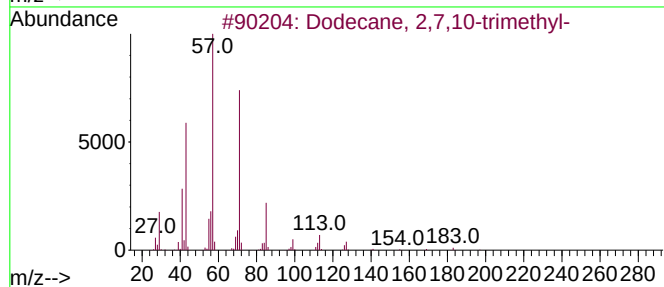
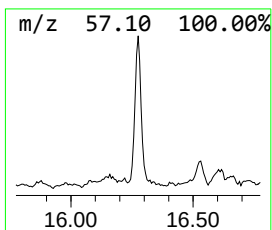
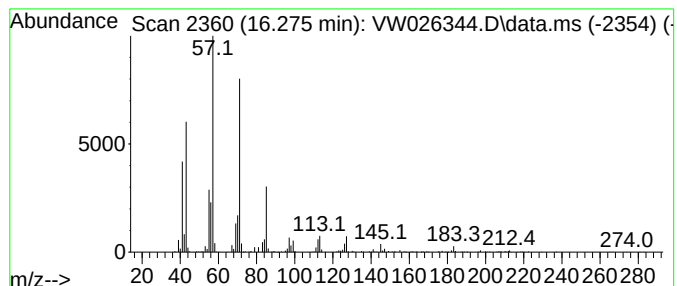
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	2.78 ug/L	353115	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	78
5			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026344.D
Acq On : 27 Jun 2023 11:02
Operator : SY/MD
Sample : 03421-03
Misc : 4.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4635

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.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, ...	14.848	66.0	ug/L	8376370	3	13.556	3170260	25.0
(DEL) Alkane: S...	15.318	1.3	ug/L	162268	3	13.556	3170260	25.0
(DEL) Alkane: S...	16.275	2.8	ug/L	353115	3	13.556	3170260	25.0