

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026451.D
 Acq On : 29 Jun 2023 22:51
 Operator : SY/MD
 Sample : 03452-08
 Misc : 5.25g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46N5

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\SFAMWLM062923SMA.M
 Title : SFAM01.0

Signal : TIC: VW026451.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	rVB2	8242	11250	0.32%	0.046%
2	2.222	51	55	57	rBV5	5996	9989	0.28%	0.041%
3	2.363	72	78	96	rVB	107026	308916	8.80%	1.267%
4	2.893	158	165	180	rVB	131753	366947	10.45%	1.505%
5	3.247	221	223	225	rBV3	2540	3439	0.10%	0.014%
6	3.338	235	238	239	rBV3	1390	1249	0.04%	0.005%
7	3.503	263	265	266	rBV2	1587	1438	0.04%	0.006%
8	3.539	268	271	274	rVV5	1389	1742	0.05%	0.007%
9	3.679	292	294	295	rBV2	1321	1333	0.04%	0.005%
10	3.777	306	310	313	rBV6	1829	2358	0.07%	0.010%
11	4.027	338	351	361	rBV	227855	784310	22.34%	3.217%
12	4.118	362	366	378	rVB	38374	105133	2.99%	0.431%
13	4.307	395	397	398	rBV2	1333	1208	0.03%	0.005%
14	4.350	403	404	405	rVV	2141	1147	0.03%	0.005%
15	4.393	405	411	416	rVB	6586	14660	0.42%	0.060%
16	4.472	423	424	427	rVB3	1901	1379	0.04%	0.006%
17	4.545	435	436	440	rVB4	2607	2406	0.07%	0.010%
18	4.624	447	449	450	rBV2	1654	1182	0.03%	0.005%
19	4.728	465	466	470	rBV4	1528	1505	0.04%	0.006%
20	4.783	474	475	478	rVB3	1860	1362	0.04%	0.006%
21	4.917	488	497	507	rBV3	21174	79164	2.25%	0.325%
22	5.136	531	533	536	rBV4	1369	1951	0.06%	0.008%
23	5.234	545	549	551	rBV4	1909	2101	0.06%	0.009%
24	5.264	551	554	556	rBV4	1303	1607	0.05%	0.007%
25	5.484	588	590	592	rBV3	1492	1278	0.04%	0.005%
26	5.557	600	602	604	rBV3	1141	1158	0.03%	0.005%
27	5.618	610	612	614	rBV3	1131	1277	0.04%	0.005%
28	5.789	634	640	642	rBV7	2427	4298	0.12%	0.018%
29	5.941	657	665	674	rVB3	10982	31956	0.91%	0.131%
30	6.106	690	692	697	rBV6	1266	1654	0.05%	0.007%
31	6.142	697	698	702	rVB4	1984	1787	0.05%	0.007%
32	6.191	702	706	708	rVB4	2005	2348	0.07%	0.010%
33	6.209	708	709	715	rBV6	1477	2003	0.06%	0.008%
34	6.264	715	718	719	rBV3	1795	1703	0.05%	0.007%
35	6.362	733	734	737	rBV3	1720	1773	0.05%	0.007%
36	6.411	739	742	745	rBV5	2136	3230	0.09%	0.013%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Title : SFAM01.0

37	6.435	745	746	752	rVB6	1368	2124	0.06%	0.009%
38	6.569	765	768	771	rBV6	1579	2414	0.07%	0.010%
39	6.648	780	781	784	rVB3	2431	1895	0.05%	0.008%
40	6.697	787	789	793	rVB5	2084	2344	0.07%	0.010%
41	6.789	802	804	807	rVB3	2937	2786	0.08%	0.011%
42	6.825	807	810	811	rBV3	1500	1853	0.05%	0.008%
43	6.911	821	824	825	rBV3	1215	1168	0.03%	0.005%
44	6.978	833	835	837	rBV3	1767	2057	0.06%	0.008%
45	7.075	843	851	864	rBV	102821	310104	8.83%	1.272%
46	7.343	894	895	901	rVB5	3052	3423	0.10%	0.014%
47	7.496	917	920	921	rBV2	1178	1134	0.03%	0.005%
48	7.545	925	928	930	rBV3	1247	1267	0.04%	0.005%
49	7.648	933	945	959	rBV	569882	1375881	39.19%	5.644%
50	7.752	959	962	963	rBV3	1638	1522	0.04%	0.006%
51	7.825	972	974	975	rVB2	2080	1343	0.04%	0.006%
52	7.947	992	994	997	rVV4	1834	2254	0.06%	0.009%
53	8.142	1022	1026	1029	rBV5	1369	1663	0.05%	0.007%
54	8.276	1035	1048	1064	rBV2	1178605	3510727	100.00%	14.402%
55	8.508	1084	1086	1089	rBV4	1119	1174	0.03%	0.005%
56	8.569	1095	1096	1101	rVB5	1846	2047	0.06%	0.008%
57	8.672	1111	1113	1114	rBV2	2069	1877	0.05%	0.008%
58	8.691	1114	1116	1120	rVB4	2186	2728	0.08%	0.011%
59	8.727	1120	1122	1126	rVB5	1394	1723	0.05%	0.007%
60	8.843	1129	1141	1155	rBV	1277722	2475490	70.51%	10.155%
61	9.075	1172	1179	1183	rBV9	5493	12609	0.36%	0.052%
62	9.203	1195	1200	1201	rBV5	1571	1868	0.05%	0.008%
63	9.270	1202	1211	1226	rBV	782315	1631610	46.47%	6.693%
64	9.471	1242	1244	1246	rVV3	1537	1868	0.05%	0.008%
65	9.593	1261	1264	1265	rBV3	1695	1498	0.04%	0.006%
66	9.666	1273	1276	1279	rBV4	2311	3783	0.11%	0.016%
67	9.825	1301	1302	1304	rBV2	2250	1998	0.06%	0.008%
68	9.867	1306	1309	1310	rVV3	1524	1715	0.05%	0.007%
69	9.886	1310	1312	1315	rVB4	1542	1530	0.04%	0.006%
70	9.928	1317	1319	1321	rVV3	1286	1351	0.04%	0.006%
71	9.947	1321	1322	1325	rVV3	1907	1383	0.04%	0.006%
72	9.977	1325	1327	1329	rVV3	1547	1464	0.04%	0.006%
73	10.032	1329	1336	1349	rVV	365941	677180	19.29%	2.778%
74	10.325	1375	1384	1391	rBV	1531526	2760926	78.64%	11.326%
75	10.386	1391	1394	1400	rVB	10175	17564	0.50%	0.072%
76	10.575	1418	1425	1435	rBV	232062	415559	11.84%	1.705%

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 Title : SFAM01.0

77	10.703	1442	1446	1451	rVB2	8586	14923	0.43%	0.061%
78	10.843	1467	1469	1470	rVV2	1666	1278	0.04%	0.005%
79	10.922	1476	1482	1498	rBV	396332	705689	20.10%	2.895%
80	11.068	1504	1506	1510	rBV5	2190	2832	0.08%	0.012%
81	11.221	1529	1531	1532	rBV2	2181	2040	0.06%	0.008%
82	11.263	1535	1538	1540	rBV4	2554	3357	0.10%	0.014%
83	11.629	1589	1598	1607	rBV	1596080	2657119	75.69%	10.900%
84	12.123	1675	1679	1684	rBV8	5861	13849	0.39%	0.057%
85	12.245	1697	1699	1706	rVB7	10143	14512	0.41%	0.060%
86	12.605	1753	1758	1765	rVB6	23682	59647	1.70%	0.245%
87	12.690	1765	1772	1780	rBV	567693	924869	26.34%	3.794%
88	12.946	1808	1814	1815	rBV5	26467	49303	1.40%	0.202%
89	13.373	1882	1884	1885	rBV2	9086	8889	0.25%	0.036%
90	13.403	1885	1889	1893	rVV3	20871	35911	1.02%	0.147%
91	13.446	1893	1896	1900	rVV6	14471	23665	0.67%	0.097%
92	13.556	1907	1914	1920	rBV	1194639	1965470	55.98%	8.063%
93	13.848	1955	1962	1971	rBV	798938	1364696	38.87%	5.598%
94	14.068	1995	1998	1999	rBV3	13305	16056	0.46%	0.066%
95	14.190	2015	2018	2023	rBV6	10587	16461	0.47%	0.068%
96	14.379	2047	2049	2053	rVB4	20659	21628	0.62%	0.089%
97	14.495	2063	2068	2074	rBV4	36300	97213	2.77%	0.399%
98	14.848	2117	2126	2137	rVB	379173	1144564	32.60%	4.695%
99	15.324	2199	2204	2210	rVB2	62398	118120	3.36%	0.485%
100	16.275	2356	2360	2369	rVB2	49713	107813	3.07%	0.442%

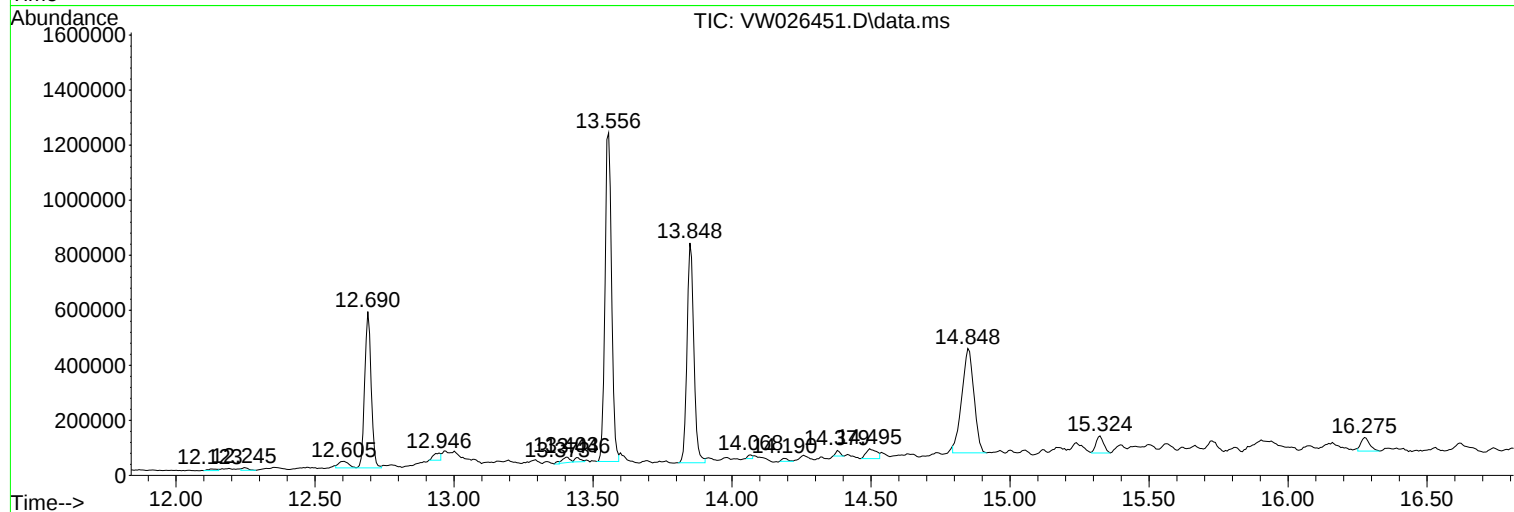
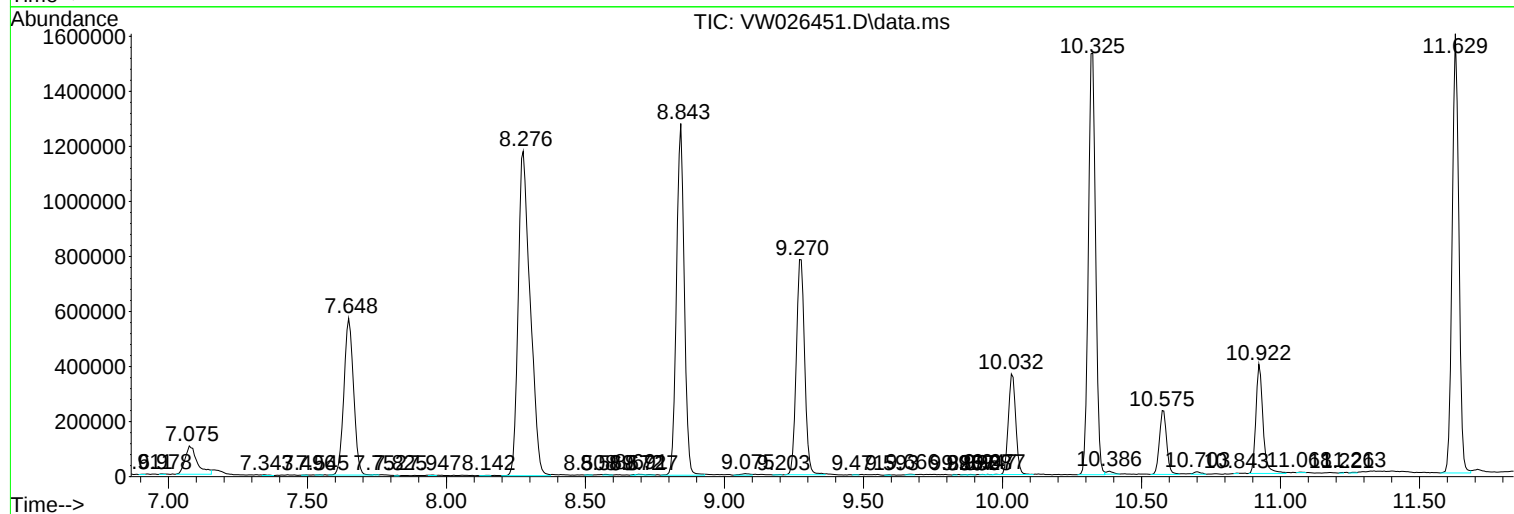
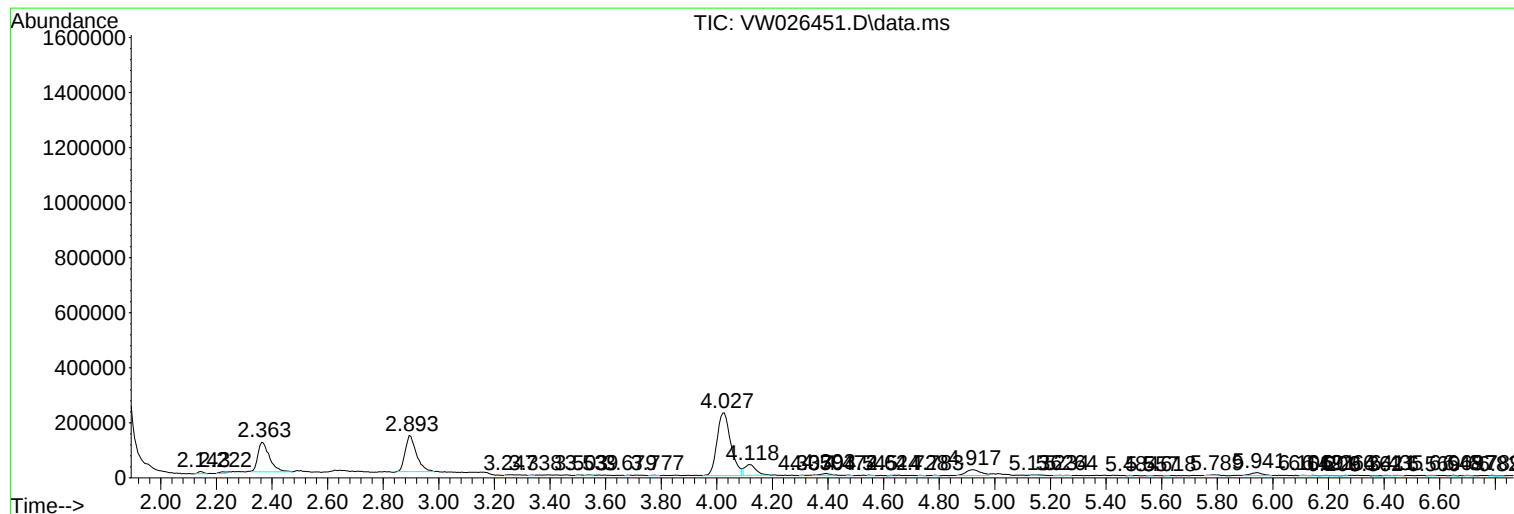
Sum of corrected areas: 24377049

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Instrument :
MSVOA_W
ClientSampleId :
A46N5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.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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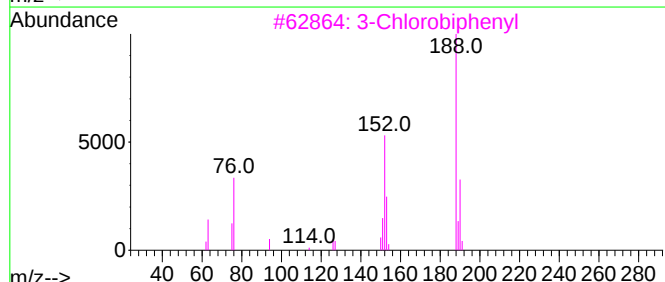
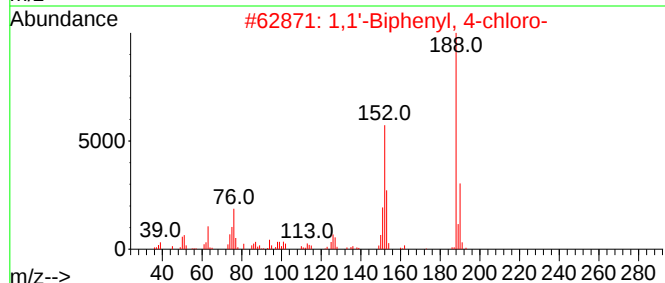
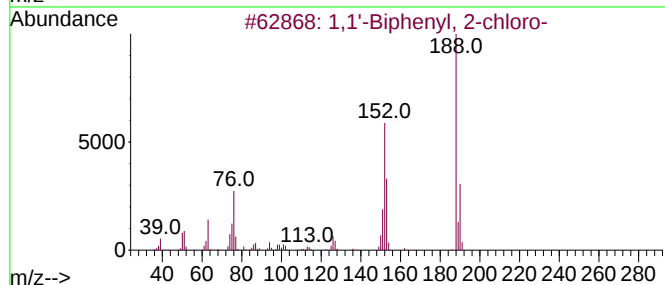
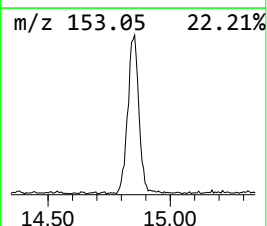
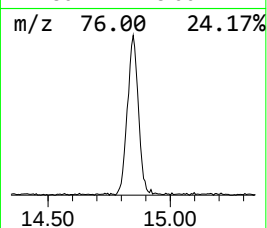
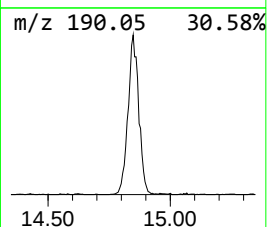
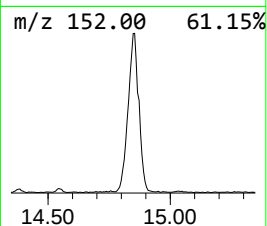
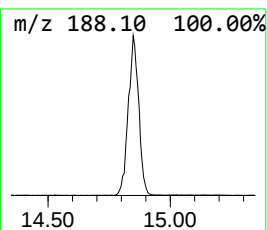
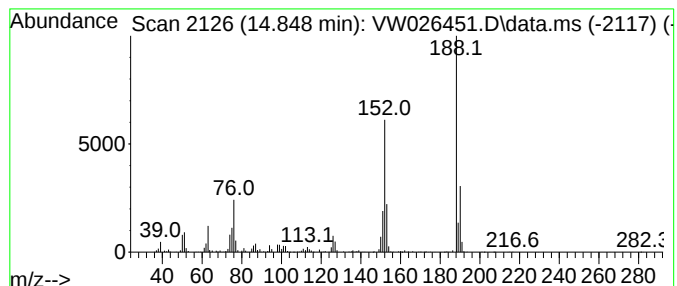
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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	14.56 ug/L	1144560	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	98
2	1,1'-Biphenyl, 4-chloro-			188	C12H9Cl	002051-62-9	97
3	3-Chlorobiphenyl			188	C12H9Cl	002051-61-8	94
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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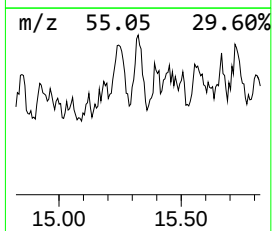
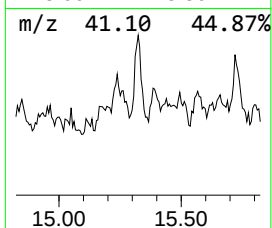
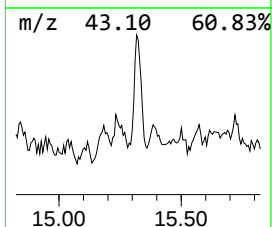
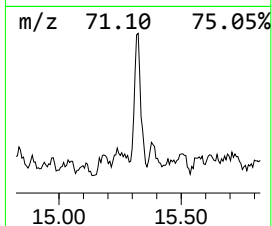
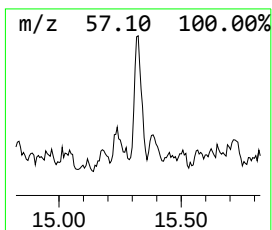
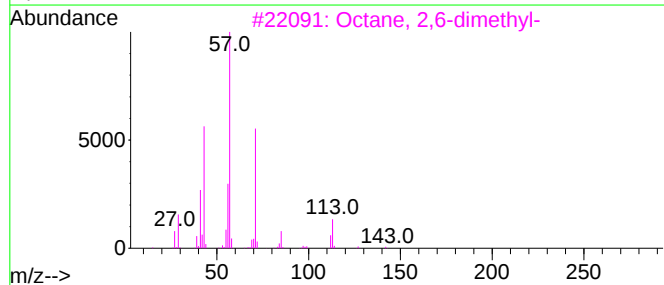
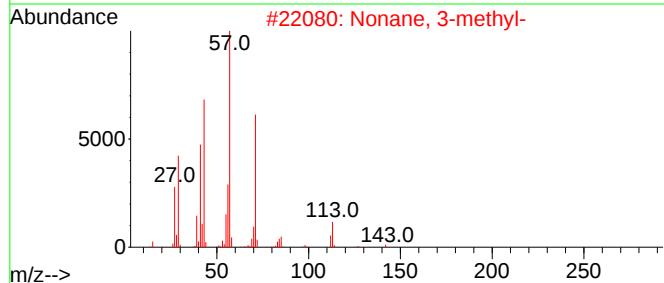
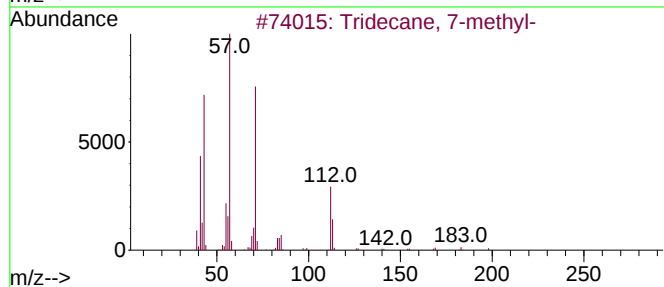
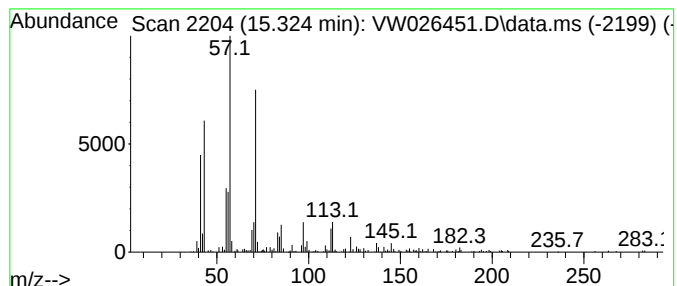
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.324	1.50 ug/L	118120	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	89
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	87
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
5			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64



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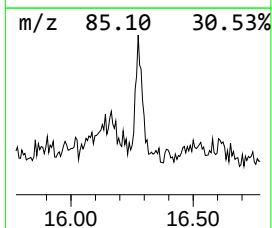
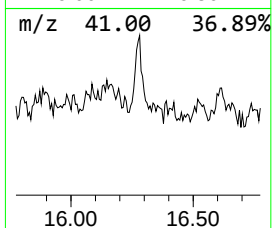
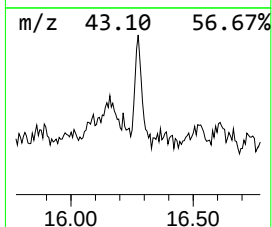
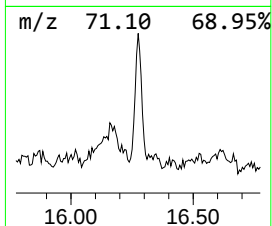
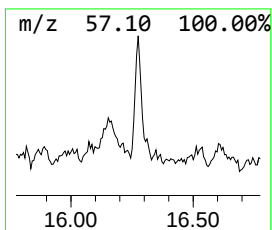
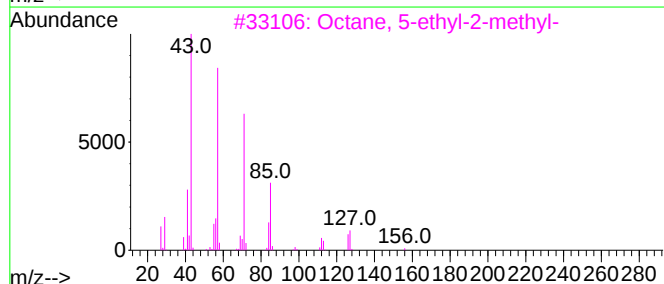
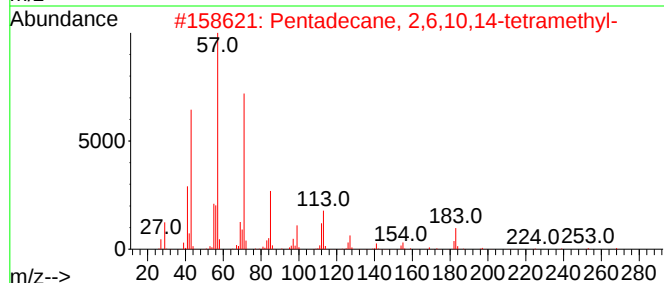
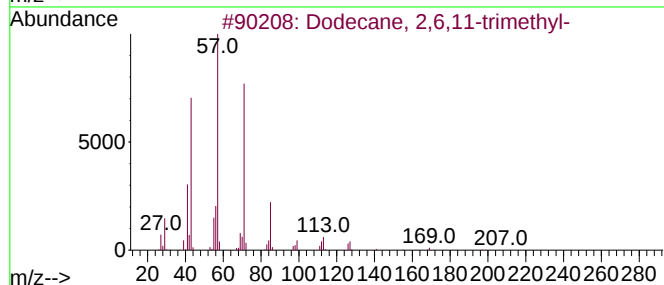
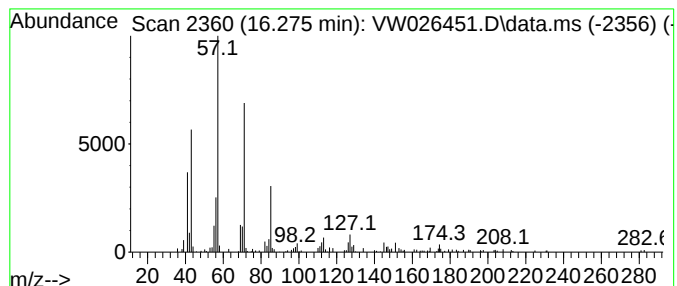
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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.
16.275	1.37 ug/L	107813	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
2			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
3			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	59
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
Data File : VW026451.D
Acq On : 29 Jun 2023 22:51
Operator : SY/MD
Sample : 03452-08
Misc : 5.25g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.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	14.6	ug/L	1144560	3	13.556	1965470	25.0
(DEL) Alkane: S...	15.324	1.5	ug/L	118120	3	13.556	1965470	25.0
(DEL) Alkane: S...	16.275	1.4	ug/L	107813	3	13.556	1965470	25.0