

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050823\
 Data File : VW025885.D
 Acq On : 08 May 2023 17:15
 Operator : SY/MD
 Sample : 02592-36
 Misc : 4.89g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JREE7

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\SFAMWLM050123SMA.M
 Title : SFAM01.0

Signal : TIC: VW025885.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	37	42	49	rBV	31325	56941	3.25%	0.418%
2	2.357	71	77	88	rVB	100112	219665	12.55%	1.611%
3	2.893	158	165	177	rBV	75086	197098	11.26%	1.446%
4	3.350	238	240	242	rBV3	2097	2451	0.14%	0.018%
5	3.606	280	282	285	rVB4	2206	1710	0.10%	0.013%
6	3.734	301	303	309	rVB7	2369	3340	0.19%	0.025%
7	3.844	319	321	323	rVB3	2113	2023	0.12%	0.015%
8	4.015	338	349	364	rBV	190833	595302	34.02%	4.367%
9	4.356	403	405	408	rVV4	1172	1731	0.10%	0.013%
10	4.399	408	412	414	rVV5	3477	5109	0.29%	0.037%
11	4.484	424	426	429	rVB4	1748	2180	0.12%	0.016%
12	4.527	431	433	436	rVB4	2409	2326	0.13%	0.017%
13	4.911	486	496	508	rBV3	28028	97245	5.56%	0.713%
14	5.222	545	547	551	rVV5	1051	1644	0.09%	0.012%
15	5.667	617	620	623	rVV5	1829	2304	0.13%	0.017%
16	5.716	626	628	633	rVB6	2174	2425	0.14%	0.018%
17	5.777	635	638	639	rBV3	2277	2693	0.15%	0.020%
18	5.819	643	645	650	rVB6	1526	2157	0.12%	0.016%
19	5.935	658	664	673	rVB6	6983	19799	1.13%	0.145%
20	6.033	678	680	683	rVB4	2098	1963	0.11%	0.014%
21	6.423	740	744	746	rVB4	1717	2306	0.13%	0.017%
22	6.459	746	750	753	rBV6	1897	2966	0.17%	0.022%
23	6.612	770	775	777	rVV6	1688	2780	0.16%	0.020%
24	6.844	810	813	817	rBV6	1860	2679	0.15%	0.020%
25	7.075	844	851	866	rBV	59272	172239	9.84%	1.264%
26	7.392	900	903	905	rVB3	2145	2095	0.12%	0.015%
27	7.411	905	906	911	rBV5	1833	2539	0.15%	0.019%
28	7.520	921	924	926	rBV4	2652	3298	0.19%	0.024%
29	7.648	936	945	955	rVV	288402	704998	40.28%	5.172%
30	8.167	1029	1030	1034	rBV4	1642	2543	0.15%	0.019%
31	8.276	1036	1048	1065	rBV2	595645	1750069	100.00%	12.838%
32	8.416	1070	1071	1078	rVB7	2036	3094	0.18%	0.023%
33	8.538	1089	1091	1093	rVB3	2657	2123	0.12%	0.016%
34	8.575	1093	1097	1101	rVB7	2165	4115	0.24%	0.030%
35	8.843	1132	1141	1151	rBV	625313	1231699	70.38%	9.036%
36	9.075	1175	1179	1181	rVV5	1724	1967	0.11%	0.014%

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Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Title : SFAM01.0

37	9.270	1200	1211	1222	rBV	406370	846434	48.37%	6.209%
38	9.514	1247	1251	1253	rBV4	1800	1892	0.11%	0.014%
39	9.569	1258	1260	1263	rVB3	1863	2099	0.12%	0.015%
40	9.752	1288	1290	1292	rBV3	1918	1622	0.09%	0.012%
41	9.788	1294	1296	1301	rVB6	1817	2431	0.14%	0.018%
42	9.855	1306	1307	1310	rBV4	1344	1649	0.09%	0.012%
43	9.886	1310	1312	1315	rVB4	1694	1694	0.10%	0.012%
44	9.959	1321	1324	1326	rBV4	1859	2385	0.14%	0.017%
45	10.032	1326	1336	1346	rBV	201492	367558	21.00%	2.696%
46	10.142	1350	1354	1357	rVB5	2928	4642	0.27%	0.034%
47	10.325	1376	1384	1393	rBV	754893	1357939	77.59%	9.962%
48	10.575	1417	1425	1435	rBV	134428	236065	13.49%	1.732%
49	10.703	1440	1446	1453	rVB2	10411	18172	1.04%	0.133%
50	10.922	1475	1482	1493	rBV	221720	397160	22.69%	2.914%
51	11.026	1493	1499	1504	rVV2	44160	69260	3.96%	0.508%
52	11.178	1523	1524	1527	rBV3	1937	1772	0.10%	0.013%
53	11.404	1557	1561	1564	rBV6	2673	3295	0.19%	0.024%
54	11.501	1575	1577	1579	rBV3	1851	2027	0.12%	0.015%
55	11.574	1587	1589	1590	rBV2	2104	1832	0.10%	0.013%
56	11.629	1590	1598	1606	rVV	859457	1431133	81.78%	10.499%
57	11.702	1606	1610	1616	rVV8	7499	17995	1.03%	0.132%
58	11.818	1623	1629	1641	rVV4	20833	56099	3.21%	0.412%
59	11.904	1641	1643	1648	rVV6	1836	2768	0.16%	0.020%
60	12.160	1681	1685	1691	rBV9	2756	6553	0.37%	0.048%
61	12.446	1729	1732	1733	rBV3	1431	1702	0.10%	0.012%
62	12.550	1747	1749	1750	rBV2	1843	1783	0.10%	0.013%
63	12.605	1752	1758	1764	rVV3	13349	27482	1.57%	0.202%
64	12.690	1764	1772	1779	rVV	328152	544717	31.13%	3.996%
65	12.751	1779	1782	1789	rVV3	9932	17472	1.00%	0.128%
66	12.824	1793	1794	1798	rVV4	2222	2195	0.13%	0.016%
67	12.873	1798	1802	1803	rVV4	2239	3092	0.18%	0.023%
68	12.934	1810	1812	1816	rVV5	2776	3833	0.22%	0.028%
69	13.019	1823	1826	1830	rBV6	1250	2075	0.12%	0.015%
70	13.117	1840	1842	1846	rBV5	2183	2776	0.16%	0.020%
71	13.153	1846	1848	1850	rVB3	2263	2066	0.12%	0.015%
72	13.214	1850	1858	1861	rBV10	5012	12819	0.73%	0.094%
73	13.294	1868	1871	1874	rVB5	2682	2898	0.17%	0.021%
74	13.385	1882	1886	1887	rBV4	1771	1694	0.10%	0.012%
75	13.470	1893	1900	1903	rBV8	4817	8107	0.46%	0.059%
76	13.556	1907	1914	1925	rVV	738997	1168932	66.79%	8.575%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Title : SFAM01.0

77	13.647	1925	1929	1936	rVV4	10884	17848	1.02%	0.131%
78	13.757	1945	1947	1950	rVB4	2626	2482	0.14%	0.018%
79	13.848	1955	1962	1974	rVB	593826	984593	56.26%	7.223%
80	14.013	1985	1989	1992	rBV6	2517	4815	0.28%	0.035%
81	14.062	1993	1997	2000	rBV	12054	19056	1.09%	0.140%
82	14.220	2020	2023	2025	rVB3	3090	2993	0.17%	0.022%
83	14.300	2033	2036	2037	rBV3	2349	2275	0.13%	0.017%
84	14.318	2037	2039	2043	rVV5	3278	4545	0.26%	0.033%
85	14.421	2052	2056	2059	rVB6	3325	5358	0.31%	0.039%
86	14.550	2075	2077	2079	rVB3	2316	1731	0.10%	0.013%
87	14.653	2085	2094	2099	rBV	211208	347450	19.85%	2.549%
88	14.714	2099	2104	2109	rVV2	37319	67994	3.89%	0.499%
89	14.787	2110	2116	2123	rVV	242678	359822	20.56%	2.640%
90	15.001	2149	2151	2155	rBV5	1485	2154	0.12%	0.016%
91	15.275	2195	2196	2201	rBV5	1116	1892	0.11%	0.014%
92	15.427	2218	2221	2225	rVB4	7844	10567	0.60%	0.078%
93	15.482	2226	2230	2235	rVV	7089	11814	0.68%	0.087%
94	15.592	2246	2248	2251	rVB4	2548	2712	0.15%	0.020%
95	15.793	2276	2281	2283	rBV6	2791	4109	0.23%	0.030%
96	16.031	2314	2320	2325	rBV9	8601	18786	1.07%	0.138%
97	16.360	2372	2374	2378	rBV5	1879	2031	0.12%	0.015%
98	16.458	2387	2390	2392	rBV3	2396	2786	0.16%	0.020%
99	16.482	2392	2394	2396	rVB3	2814	1844	0.11%	0.014%
100	16.641	2417	2420	2421	rBV3	2655	2190	0.13%	0.016%

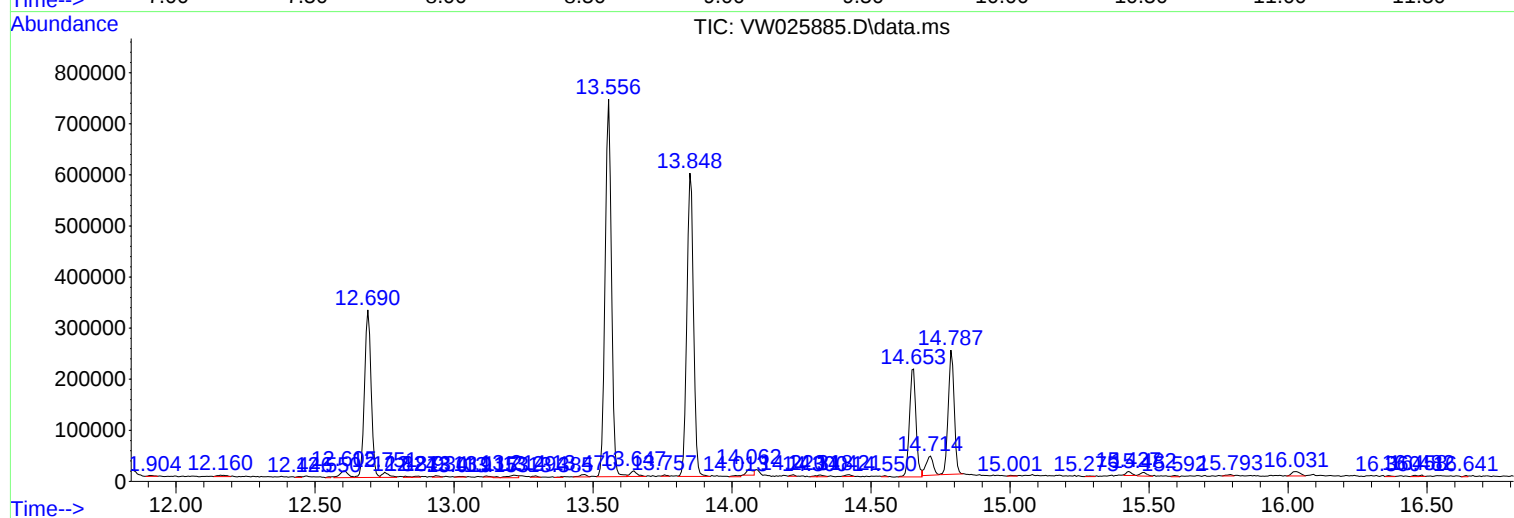
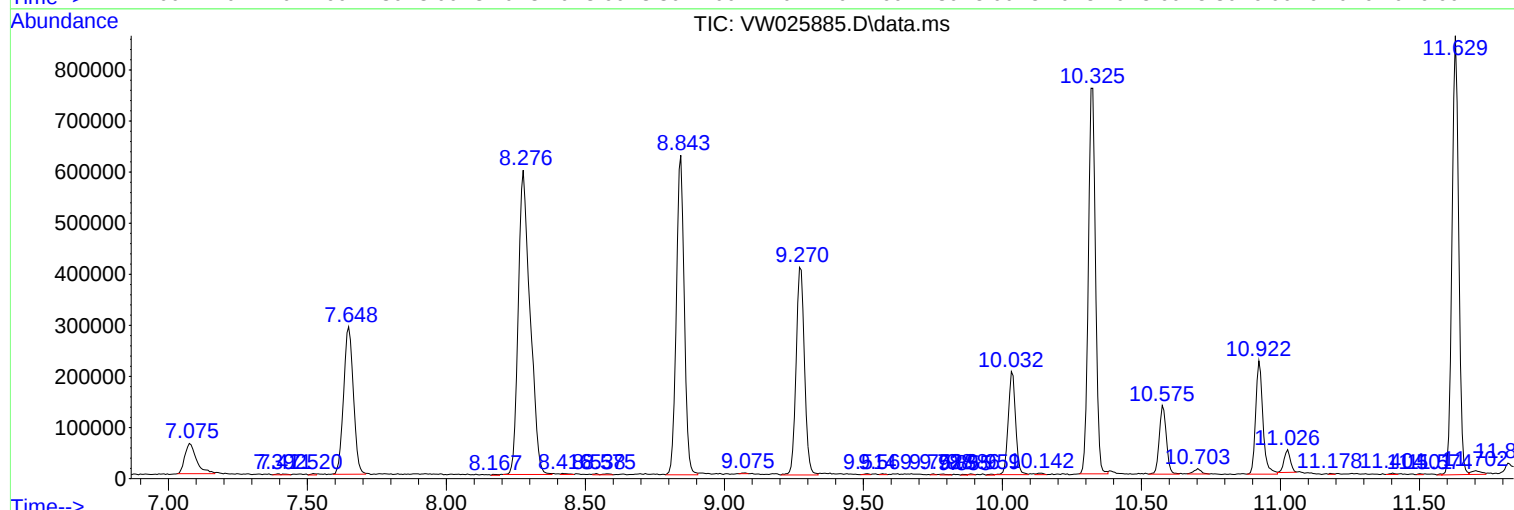
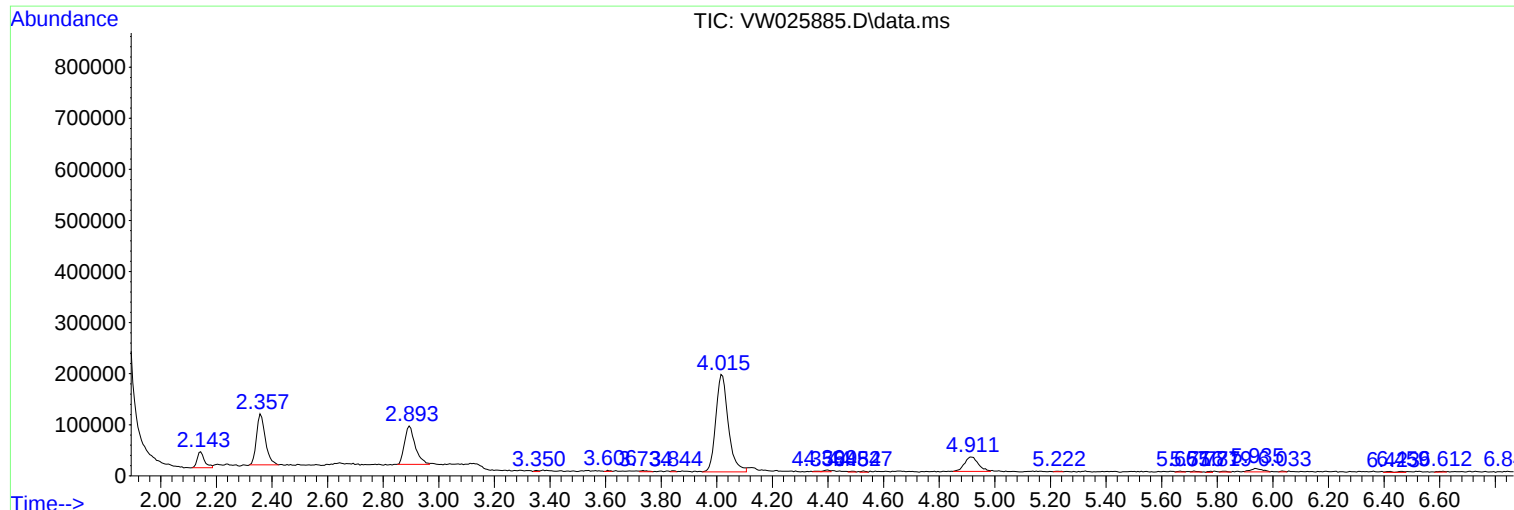
Sum of corrected areas: 13631582

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Instrument :
MSVOA_W
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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



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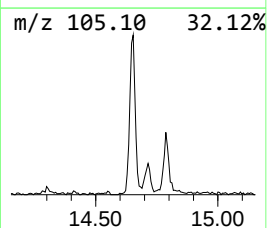
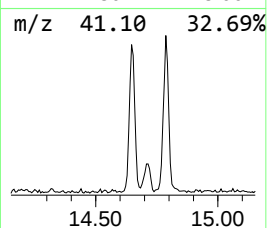
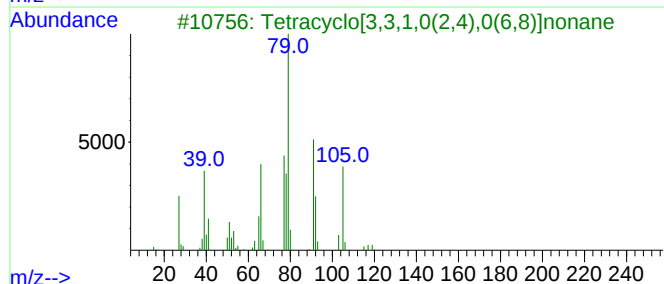
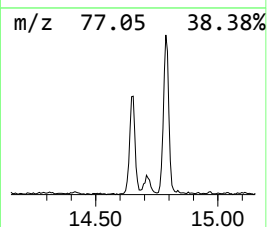
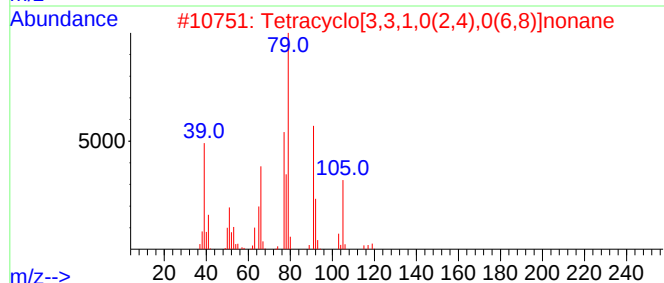
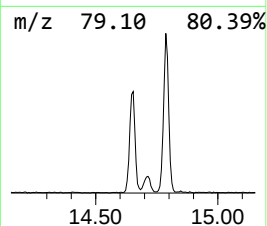
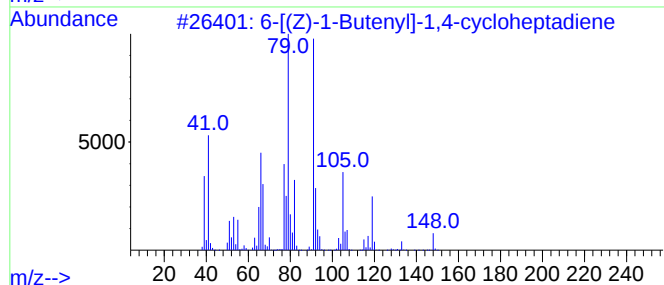
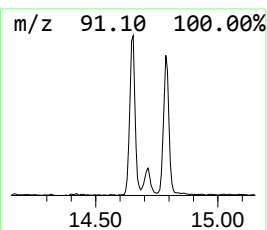
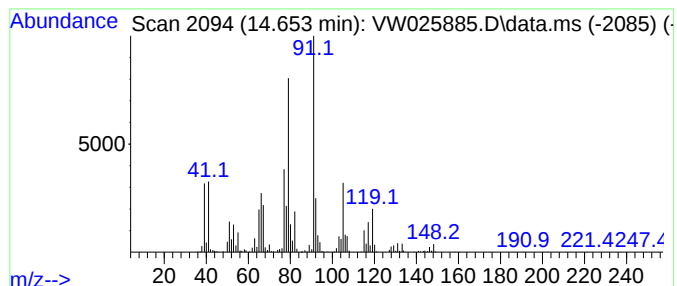
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 6-[(Z)-1-Butenyl]-1,4-cyclo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.653	7.43 ug/L	347450	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-[(Z)-1-Butenyl]-1,4-cyclohepta...	148	C11H16	033156-93-3	87		
2	Tetracyclo[3,3,1,0(2,4),0(6,8)]n...	120	C9H12	024506-61-4	64		
3	Tetracyclo[3,3,1,0(2,4),0(6,8)]n...	120	C9H12	024506-61-4	64		
4	1,4-Methano-1H-cyclopenta[d]pyri...	162	C10H14N2	1000221-84-4	53		
5	Tricyclo[4.1.0.0(2,7)]heptane	94	C7H10	000287-13-8	52		



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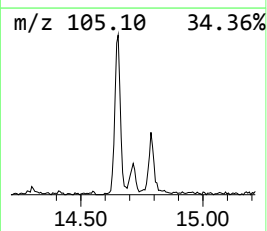
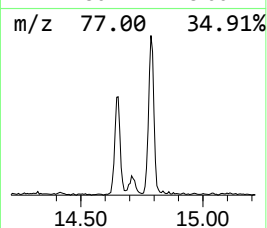
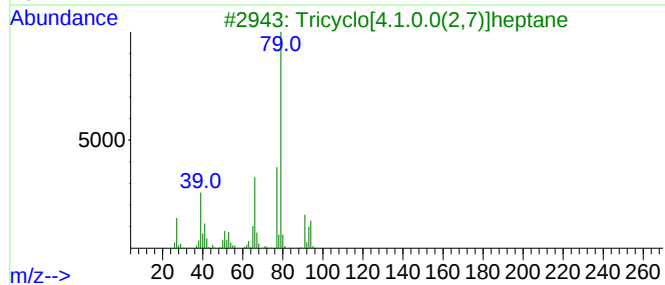
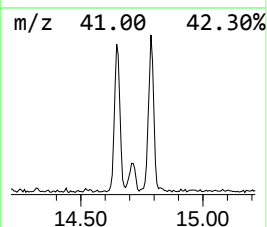
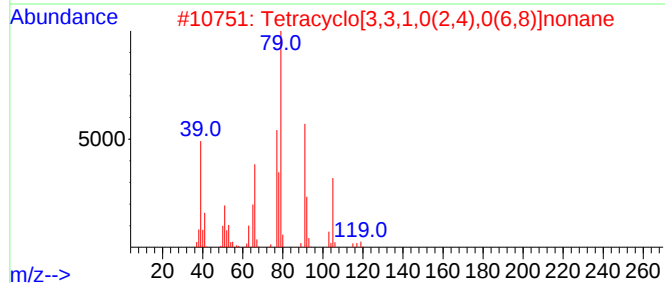
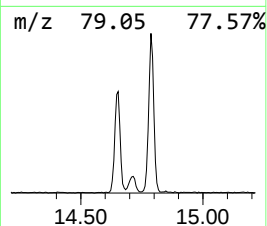
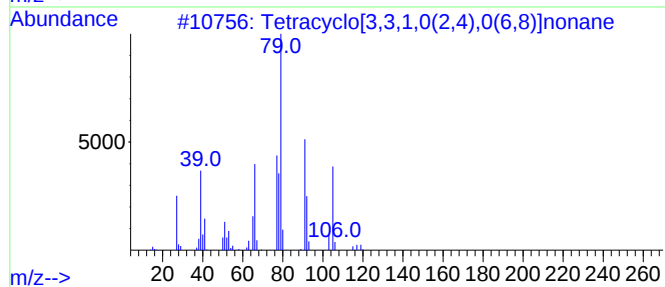
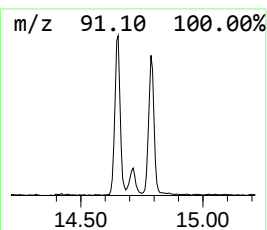
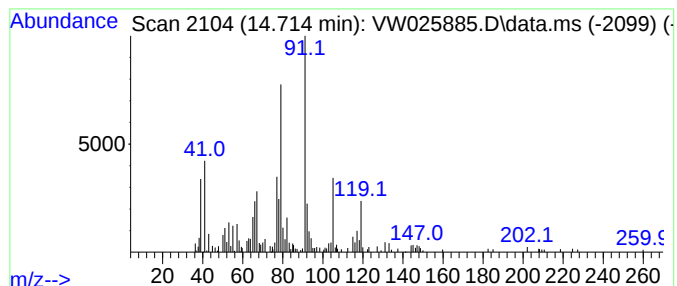
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Quant Title : SFAM01.0

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

Peak Number 3 Tetracyclo[3,3,1,0(2,4),0(6... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.714	1.45 ug/L	67994	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracyclo[3,3,1,0(2,4),0(6,8)]n...	120	C9H12	024506-61-4	64
2			Tetracyclo[3,3,1,0(2,4),0(6,8)]n...	120	C9H12	024506-61-4	59
3			Tricyclo[4.1.0.0(2,7)]heptane	94	C7H10	000287-13-8	50
4			1,3-Cycloheptadiene	94	C7H10	004054-38-0	47
5			1,3-Cycloheptadiene	94	C7H10	004054-38-0	47



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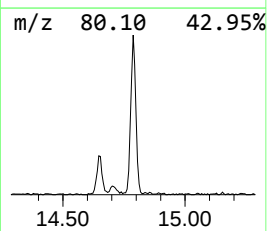
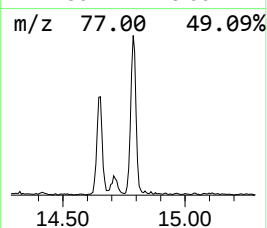
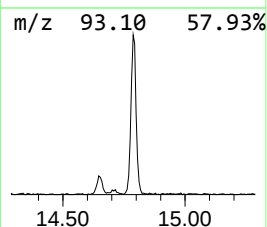
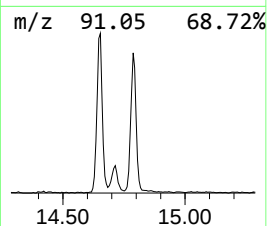
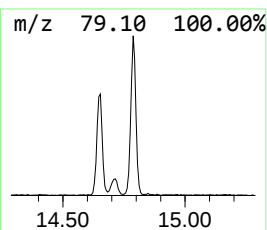
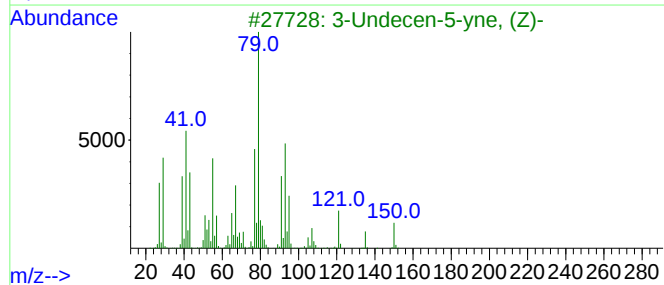
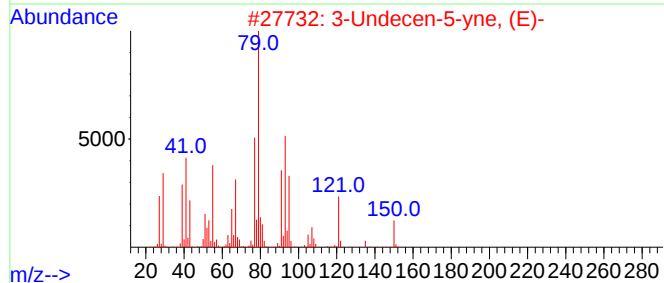
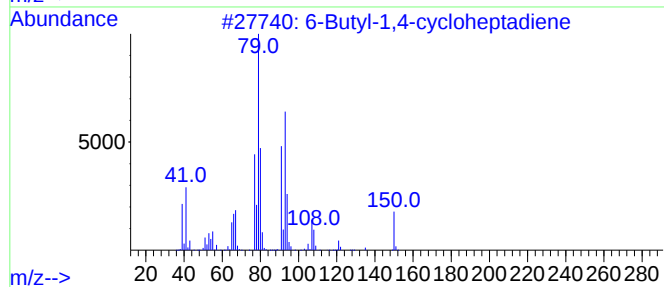
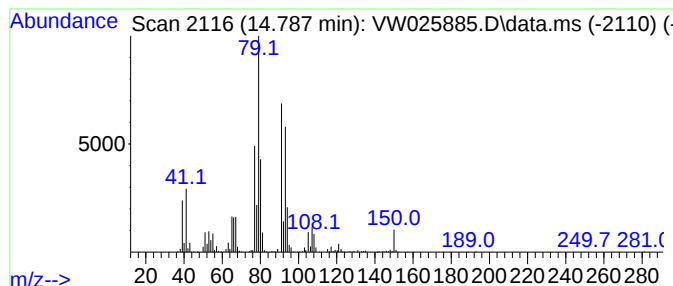
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Quant Title : SFAM01.0

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

Peak Number 4 6-Butyl-1,4-cycloheptadiene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	7.70 ug/L	359822	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Butyl-1,4-cycloheptadiene	150	C11H18	022735-58-6	97
2			3-Undecen-5-yne, (E)-	150	C11H18	074744-29-9	59
3			3-Undecen-5-yne, (Z)-	150	C11H18	074744-27-7	59
4			5-Undecen-3-yne, (Z)-	150	C11H18	074744-30-2	50
5			(3Z,5E)-1,3,5-Undecatriene	150	C11H18	019883-27-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050823\
Data File : VW025885.D
Acq On : 08 May 2023 17:15
Operator : SY/MD
Sample : 02592-36
Misc : 4.89g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREE7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.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
6-[(Z)-1-Buteny...	14.653	7.4	ug/L	347450	3	13.556	1168930	25.0
Tetracyclo[3,3,...	14.714	1.5	ug/L	67994	3	13.556	1168930	25.0
6-Butyl-1,4-cyc...	14.787	7.7	ug/L	359822	3	13.556	1168930	25.0