

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100224\
 Data File : VW030353.D
 Acq On : 03 Oct 2024 03:16
 Operator : SY/MD
 Sample : P4238-14
 Misc : 5.27g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EZ6

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Title : SFAM01.0

Signal : TIC: VW030353.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.369	71	79	94	rBV	41373	99982	12.90%	2.019%
2	2.686	129	131	132	rBV2	413	254	0.03%	0.005%
3	2.899	157	166	179	rBV	28347	84722	10.93%	1.711%
4	3.107	198	200	202	rVB	293	170	0.02%	0.003%
5	3.381	243	245	246	rBV	246	200	0.03%	0.004%
6	3.485	260	262	264	rBV2	236	260	0.03%	0.005%
7	3.545	270	272	277	rVB2	180	240	0.03%	0.005%
8	3.814	315	316	321	rVB	196	169	0.02%	0.003%
9	4.021	340	350	375	rBV	94056	284116	36.66%	5.738%
10	4.369	404	407	409	rBV2	116	125	0.02%	0.003%
11	4.558	433	438	439	rBV2	95	116	0.01%	0.002%
12	4.612	445	447	450	rBV2	214	263	0.03%	0.005%
13	4.923	488	498	509	rVV2	4231	13823	1.78%	0.279%
14	5.015	512	513	516	rBV2	234	228	0.03%	0.005%
15	5.143	531	534	537	rVV2	118	117	0.02%	0.002%
16	5.259	551	553	556	rVB2	186	169	0.02%	0.003%
17	5.313	559	562	569	rVB2	167	275	0.04%	0.006%
18	5.448	582	584	587	rVB2	127	142	0.02%	0.003%
19	5.716	626	628	631	rVB2	125	139	0.02%	0.003%
20	5.929	659	663	665	rBV2	473	664	0.09%	0.013%
21	5.996	673	674	677	rBV2	143	150	0.02%	0.003%
22	6.051	680	683	685	rBV	123	175	0.02%	0.004%
23	6.204	706	708	710	rVB	163	145	0.02%	0.003%
24	6.472	749	752	754	rBV2	115	126	0.02%	0.003%
25	6.521	759	760	763	rVB	172	147	0.02%	0.003%
26	6.624	776	777	781	rVV2	121	141	0.02%	0.003%
27	6.697	786	789	791	rBV	177	208	0.03%	0.004%
28	7.088	841	853	861	rBV	8226	27690	3.57%	0.559%
29	7.368	895	899	901	rVB2	211	280	0.04%	0.006%
30	7.655	935	946	963	rVV	143688	348012	44.91%	7.028%
31	7.776	963	966	968	rVV2	269	259	0.03%	0.005%
32	8.136	1023	1025	1028	rVB	152	149	0.02%	0.003%
33	8.167	1028	1030	1032	rBV2	149	124	0.02%	0.003%
34	8.276	1037	1048	1066	rBV2	264665	774944	100.00%	15.650%
35	8.685	1113	1115	1116	rVV	205	144	0.02%	0.003%
36	8.782	1128	1131	1132	rBV2	157	144	0.02%	0.003%

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 Title : SFAM01.0

37	8.843	1132	1141	1158	rBV	320346	624682	80.61%	12.616%
38	9.051	1173	1175	1177	rBV2	228	262	0.03%	0.005%
39	9.081	1177	1180	1184	rVV3	567	892	0.12%	0.018%
40	9.136	1187	1189	1191	rVB	192	129	0.02%	0.003%
41	9.191	1196	1198	1201	rBV2	136	124	0.02%	0.003%
42	9.276	1203	1212	1223	rVV	188146	382183	49.32%	7.718%
43	9.355	1223	1225	1230	rVB2	698	686	0.09%	0.014%
44	9.672	1274	1277	1282	rBV3	366	661	0.09%	0.013%
45	10.032	1330	1336	1346	rBV	60748	112651	14.54%	2.275%
46	10.166	1356	1358	1361	rBV	198	211	0.03%	0.004%
47	10.325	1376	1384	1393	rBV	302913	532923	68.77%	10.762%
48	10.581	1418	1426	1435	rVV	40623	70735	9.13%	1.429%
49	10.703	1441	1446	1451	rVB3	2676	4615	0.60%	0.093%
50	10.831	1465	1467	1468	rBV2	182	135	0.02%	0.003%
51	10.922	1476	1482	1495	rBV	29626	59366	7.66%	1.199%
52	11.087	1507	1509	1512	rBV2	173	219	0.03%	0.004%
53	11.136	1515	1517	1522	rVB2	164	187	0.02%	0.004%
54	11.178	1522	1524	1527	rBV2	280	309	0.04%	0.006%
55	11.629	1590	1598	1610	rBV	342669	578828	74.69%	11.690%
56	11.818	1627	1629	1630	rBV	266	169	0.02%	0.003%
57	11.837	1630	1632	1637	rVV2	389	485	0.06%	0.010%
58	12.020	1659	1662	1663	rBV	186	243	0.03%	0.005%
59	12.172	1685	1687	1691	rVB2	306	221	0.03%	0.004%
60	12.361	1716	1718	1720	rBV2	257	199	0.03%	0.004%
61	12.471	1731	1736	1741	rVB3	2286	3858	0.50%	0.078%
62	12.562	1750	1751	1753	rBV	152	125	0.02%	0.003%
63	12.599	1753	1757	1764	rVB3	2608	4087	0.53%	0.083%
64	12.690	1765	1772	1783	rBV2	106583	232863	30.05%	4.703%
65	12.818	1791	1793	1796	rVB	244	213	0.03%	0.004%
66	12.855	1797	1799	1802	rVB2	153	125	0.02%	0.003%
67	12.879	1802	1803	1805	rBV	210	175	0.02%	0.004%
68	12.922	1809	1810	1813	rBV	182	205	0.03%	0.004%
69	13.025	1822	1827	1835	rVB4	2639	4157	0.54%	0.084%
70	13.080	1835	1836	1839	rVB	184	122	0.02%	0.002%
71	13.105	1839	1840	1842	rBV2	208	180	0.02%	0.004%
72	13.160	1844	1849	1860	rVB2	17820	30487	3.93%	0.616%
73	13.403	1881	1889	1895	rBV4	1584	2565	0.33%	0.052%
74	13.464	1895	1899	1903	rBV4	3290	5448	0.70%	0.110%
75	13.556	1907	1914	1925	rBV	225311	363919	46.96%	7.349%
76	13.757	1945	1947	1953	rVB4	1326	1906	0.25%	0.038%

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 Title : SFAM01.0

77	13.849	1956	1962	1973	rBV	151974	249358	32.18%	5.036%
78	13.995	1984	1986	1987	rBV2	364	371	0.05%	0.007%
79	14.153	2011	2012	2015	rVV2	246	154	0.02%	0.003%
80	14.190	2017	2018	2025	rVB2	323	250	0.03%	0.005%
81	14.318	2035	2039	2044	rBV5	1166	2068	0.27%	0.042%
82	14.403	2051	2053	2054	rBV	275	179	0.02%	0.004%
83	14.519	2066	2072	2080	rVB5	2292	4197	0.54%	0.085%
84	14.684	2095	2099	2107	rBV5	1113	2563	0.33%	0.052%
85	14.757	2109	2111	2113	rBV2	267	197	0.03%	0.004%
86	14.891	2131	2133	2134	rVB	315	180	0.02%	0.004%
87	14.952	2141	2143	2145	rBV2	273	302	0.04%	0.006%
88	15.062	2153	2161	2167	rBV3	3884	7851	1.01%	0.159%
89	15.245	2187	2191	2195	rVB5	1418	2208	0.28%	0.045%
90	15.318	2200	2203	2204	rBV4	380	446	0.06%	0.009%
91	15.543	2238	2240	2241	rBV	287	189	0.02%	0.004%
92	15.738	2271	2272	2274	rBV2	324	204	0.03%	0.004%
93	15.860	2290	2292	2293	rBV2	532	331	0.04%	0.007%
94	15.952	2305	2307	2309	rBV2	385	281	0.04%	0.006%
95	16.025	2317	2319	2322	rBV4	408	533	0.07%	0.011%
96	16.196	2345	2347	2350	rBV2	448	376	0.05%	0.008%
97	16.342	2369	2371	2374	rVB3	542	377	0.05%	0.008%
98	16.610	2413	2415	2417	rVB	680	376	0.05%	0.008%
99	16.647	2418	2421	2422	rBV2	625	454	0.06%	0.009%
100	16.696	2422	2429	2435	rBV8	8191	17663	2.28%	0.357%

Sum of corrected areas: 4951670

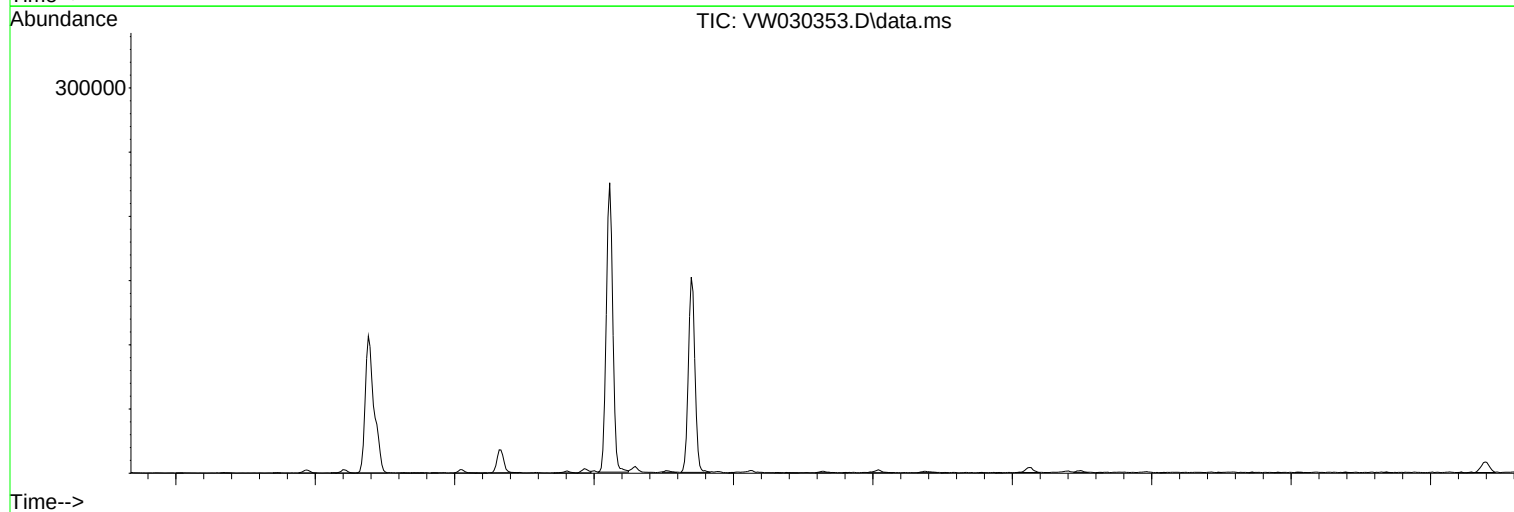
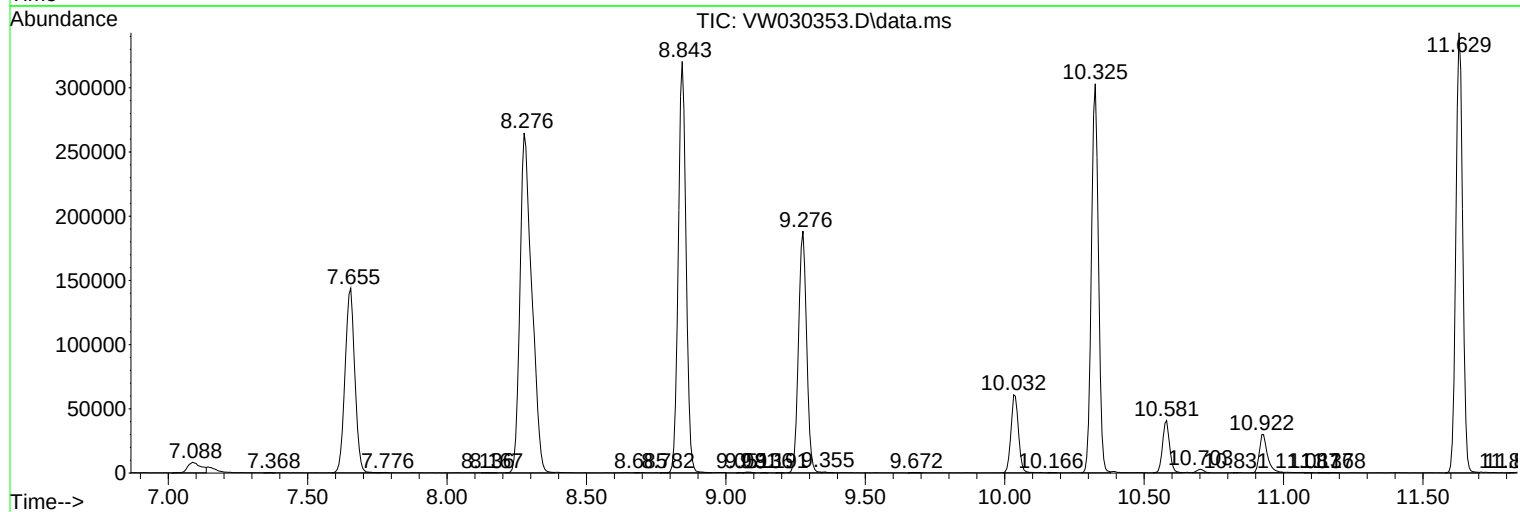
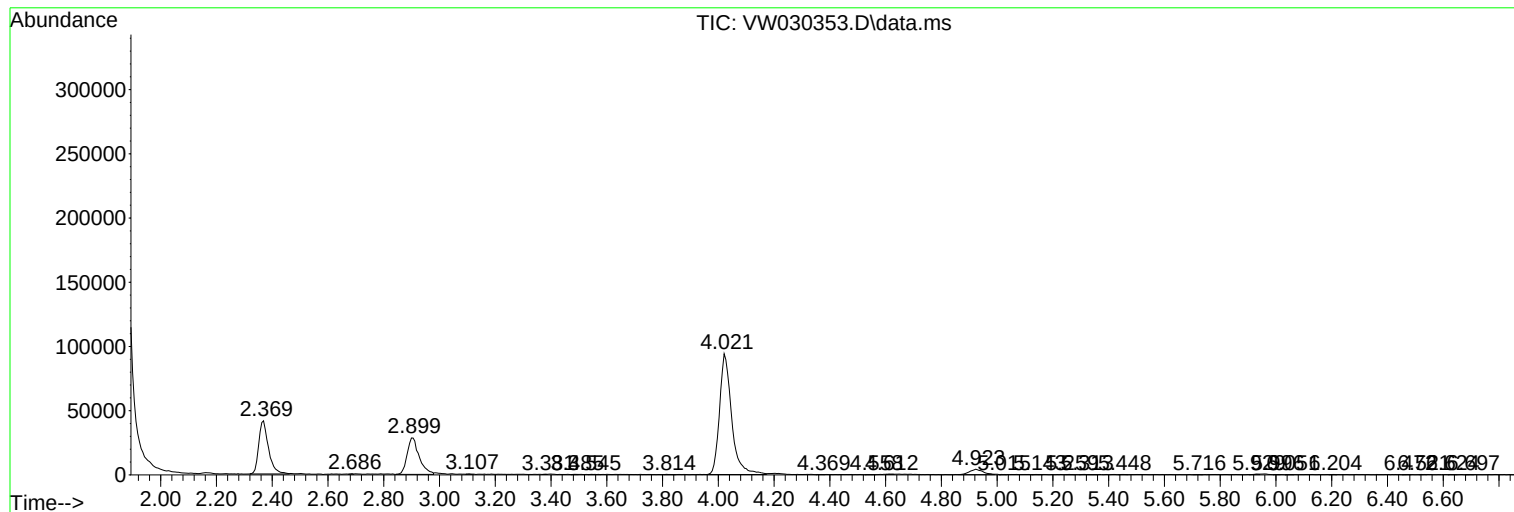
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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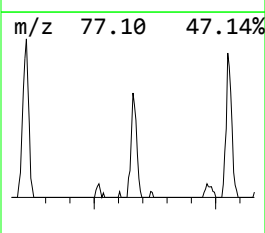
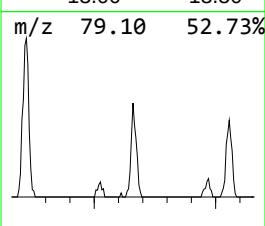
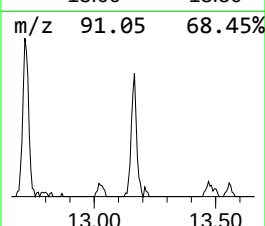
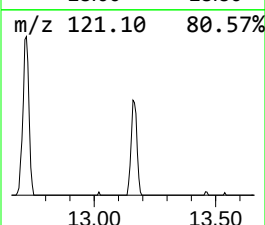
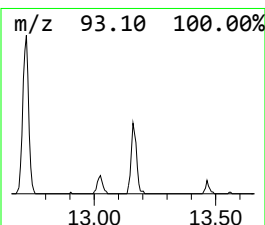
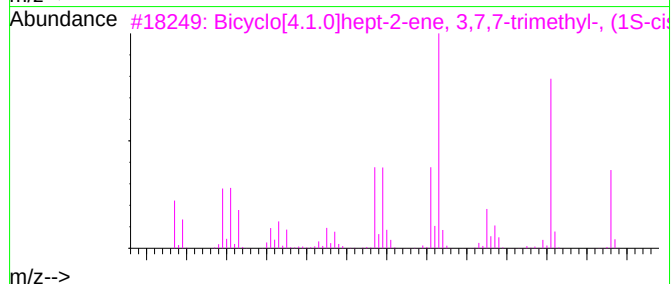
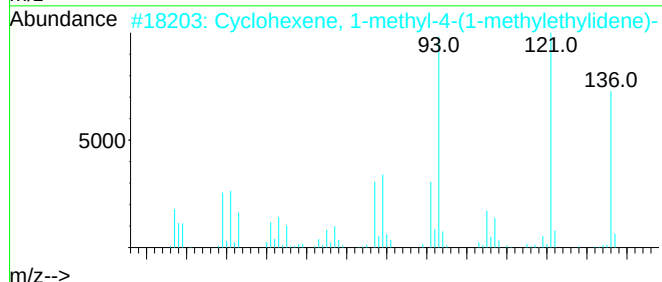
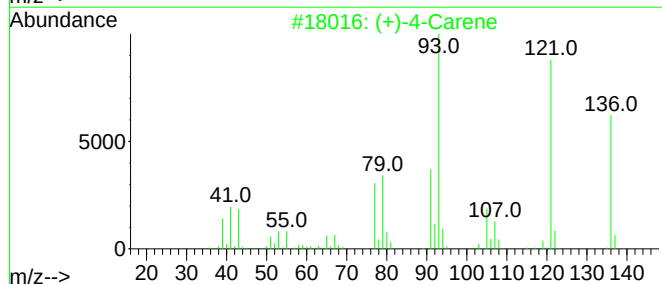
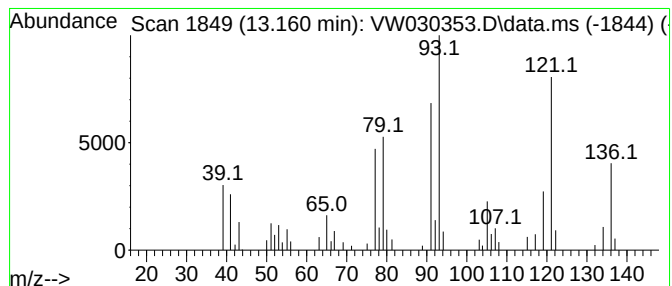
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 (+)-4-Carene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.160	2.09 ug/L	30487	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-4-Carene	136	C10H16	029050-33-7	93
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	93
3	Bicyclo[4.1.0]hept-2-ene, 3,7,7-...	136	C10H16	004497-92-1	93
4	Cyclohexene, 4-methyl-3-(1-methy...	136	C10H16	099805-90-0	91
5	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(+)-4-Carene	13.160	2.1	ug/L	30487	3	13.556	363919	25.0