

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053124\
 Data File : VW028945.D
 Acq On : 31 May 2024 16:01
 Operator : SY/MD
 Sample : P2647-15
 Misc : 5.23g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BHBS9

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\SFAMWLM050224SMA.M
 Title : SFAM01.0

Signal : TIC: VW028945.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	72	78	90	rBV	84447	192848	12.18%	1.972%
2	2.899	159	166	183	rVB	69749	207451	13.10%	2.122%
3	3.381	242	245	246	rBV2	533	635	0.04%	0.006%
4	3.399	246	248	253	rVB4	965	1586	0.10%	0.016%
5	3.515	266	267	269	rBV2	1198	784	0.05%	0.008%
6	3.680	292	294	300	rVB5	714	1297	0.08%	0.013%
7	3.741	300	304	306	rBV3	839	1375	0.09%	0.014%
8	3.765	306	308	309	rVB2	909	557	0.04%	0.006%
9	3.850	319	322	324	rBV4	554	658	0.04%	0.007%
10	4.021	337	350	365	rBV	155872	481613	30.42%	4.926%
11	4.253	386	388	391	rVB4	815	1090	0.07%	0.011%
12	4.387	402	410	420	rBV5	3019	10739	0.68%	0.110%
13	4.545	432	436	437	rBV4	837	872	0.06%	0.009%
14	4.655	451	454	455	rBV3	940	812	0.05%	0.008%
15	4.917	487	497	514	rVV2	21436	74793	4.72%	0.765%
16	5.137	528	533	535	rBV5	753	1201	0.08%	0.012%
17	5.277	553	556	557	rBV2	768	741	0.05%	0.008%
18	5.350	566	568	571	rVB3	605	650	0.04%	0.007%
19	5.387	571	574	576	rVB3	612	738	0.05%	0.008%
20	5.429	576	581	583	rBV5	892	1484	0.09%	0.015%
21	5.527	594	597	601	rVB6	547	750	0.05%	0.008%
22	5.557	601	602	606	rBV3	711	767	0.05%	0.008%
23	5.643	614	616	618	rBV3	495	580	0.04%	0.006%
24	5.948	654	666	680	rBV4	8012	25978	1.64%	0.266%
25	6.204	705	708	710	rBV2	490	598	0.04%	0.006%
26	6.332	724	729	731	rVV3	611	929	0.06%	0.010%
27	6.356	731	733	737	rVV5	408	672	0.04%	0.007%
28	6.630	775	778	780	rBV3	833	777	0.05%	0.008%
29	6.667	783	784	788	rVB3	695	587	0.04%	0.006%
30	7.075	842	851	857	rBV	42408	121083	7.65%	1.238%
31	7.325	890	892	896	rVB5	508	587	0.04%	0.006%
32	7.368	896	899	900	rBV2	625	720	0.05%	0.007%
33	7.648	934	945	957	rBV	288495	700838	44.26%	7.168%
34	7.953	992	995	997	rVV4	750	958	0.06%	0.010%
35	7.978	997	999	1001	rVB3	843	598	0.04%	0.006%
36	8.124	1020	1023	1026	rBV4	569	614	0.04%	0.006%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Title : SFAM01.0

37	8.154	1026	1028	1030	rBV2	533	593	0.04%	0.006%
38	8.276	1037	1048	1063	rBV2	538580	1583463	100.00%	16.196%
39	8.843	1132	1141	1157	rBV	467942	926135	58.49%	9.473%
40	9.008	1166	1168	1172	rVB5	807	769	0.05%	0.008%
41	9.063	1172	1177	1178	rBV5	1567	1643	0.10%	0.017%
42	9.276	1203	1212	1226	rBV	387221	800895	50.58%	8.192%
43	9.459	1239	1242	1244	rBV3	526	667	0.04%	0.007%
44	9.612	1265	1267	1270	rVB4	989	961	0.06%	0.010%
45	9.660	1270	1275	1281	rBV6	1799	4135	0.26%	0.042%
46	9.709	1281	1283	1286	rBV3	1106	922	0.06%	0.009%
47	9.733	1286	1287	1291	rVB3	680	627	0.04%	0.006%
48	10.032	1328	1336	1347	rBV	149361	274224	17.32%	2.805%
49	10.124	1349	1351	1355	rVB4	1032	1378	0.09%	0.014%
50	10.325	1376	1384	1394	rBV	672797	1189676	75.13%	12.168%
51	10.575	1418	1425	1436	rBV	80541	143653	9.07%	1.469%
52	10.697	1440	1445	1454	rVB2	6196	12534	0.79%	0.128%
53	10.782	1457	1459	1462	rVB3	932	958	0.06%	0.010%
54	10.825	1462	1466	1467	rBV3	684	704	0.04%	0.007%
55	10.855	1467	1471	1476	rBV5	5478	10414	0.66%	0.107%
56	10.922	1476	1482	1494	rBV	142603	260814	16.47%	2.668%
57	11.062	1501	1505	1511	rVB3	4543	7458	0.47%	0.076%
58	11.440	1564	1567	1569	rVB4	1049	1012	0.06%	0.010%
59	11.532	1577	1582	1583	rBV5	460	837	0.05%	0.009%
60	11.629	1587	1598	1608	rBV	547906	924050	58.36%	9.451%
61	11.831	1627	1631	1634	rBV3	1650	2585	0.16%	0.026%
62	12.007	1657	1660	1662	rVB3	607	597	0.04%	0.006%
63	12.032	1662	1664	1667	rBV3	555	636	0.04%	0.007%
64	12.178	1681	1688	1693	rBV5	3888	6981	0.44%	0.071%
65	12.312	1705	1710	1711	rBV3	1026	1463	0.09%	0.015%
66	12.465	1727	1735	1742	rBV	92183	162285	10.25%	1.660%
67	12.599	1752	1757	1764	rVB3	11786	19348	1.22%	0.198%
68	12.690	1764	1772	1783	rBV	247630	419990	26.52%	4.296%
69	12.946	1807	1814	1820	rVB7	2145	6232	0.39%	0.064%
70	13.019	1820	1826	1833	rBV4	5241	10202	0.64%	0.104%
71	13.117	1838	1842	1844	rBV4	856	1267	0.08%	0.013%
72	13.190	1848	1854	1858	rBV6	1312	2274	0.14%	0.023%
73	13.233	1858	1861	1865	rVB6	1248	2135	0.13%	0.022%
74	13.294	1865	1871	1878	rBV5	3579	6703	0.42%	0.069%
75	13.404	1883	1889	1894	rVB5	2959	6047	0.38%	0.062%
76	13.464	1895	1899	1907	rBV8	2808	6725	0.42%	0.069%

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 Title : SFAM01.0

77	13.556	1907	1914	1927	rBV	303886	501221	31.65%	5.127%
78	13.849	1954	1962	1971	rBV	325034	519920	32.83%	5.318%
79	13.989	1984	1985	1989	rBV4	973	908	0.06%	0.009%
80	14.062	1989	1997	2007	rBV4	16914	45013	2.84%	0.460%
81	14.251	2023	2028	2029	rBV4	2205	2909	0.18%	0.030%
82	14.373	2045	2048	2051	rVB5	732	824	0.05%	0.008%
83	14.483	2057	2066	2075	rBV5	6655	24122	1.52%	0.247%
84	14.635	2088	2091	2092	rBV3	553	655	0.04%	0.007%
85	14.678	2092	2098	2101	rBV5	3436	7022	0.44%	0.072%
86	14.794	2113	2117	2119	rVV4	716	1034	0.07%	0.011%
87	14.915	2133	2137	2143	rVB8	1495	3684	0.23%	0.038%
88	15.025	2152	2155	2157	rVB4	607	656	0.04%	0.007%
89	15.062	2157	2161	2163	rBV3	1100	1416	0.09%	0.014%
90	15.117	2168	2170	2172	rBV3	676	719	0.05%	0.007%
91	15.239	2189	2190	2195	rVV5	858	1232	0.08%	0.013%
92	15.287	2195	2198	2203	rVB5	2161	3444	0.22%	0.035%
93	15.367	2207	2211	2213	rBV4	668	830	0.05%	0.008%
94	15.421	2215	2220	2226	rBV2	7570	13865	0.88%	0.142%
95	15.647	2253	2257	2258	rBV3	547	639	0.04%	0.007%
96	15.842	2287	2289	2292	rVB4	646	669	0.04%	0.007%
97	15.879	2292	2295	2299	rVB4	845	1279	0.08%	0.013%
98	16.037	2318	2321	2323	rVB3	686	710	0.04%	0.007%
99	16.293	2360	2363	2365	rBV4	636	711	0.04%	0.007%
100	16.580	2408	2410	2412	rBV3	452	577	0.04%	0.006%

Sum of corrected areas: 9777011

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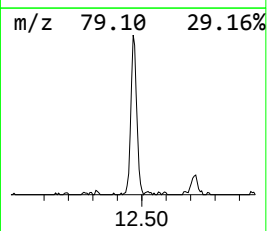
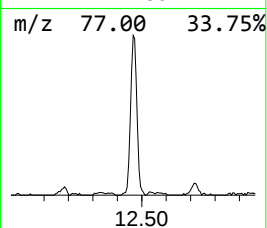
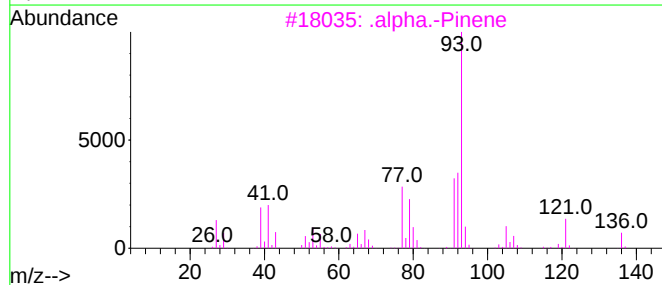
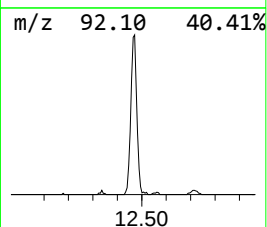
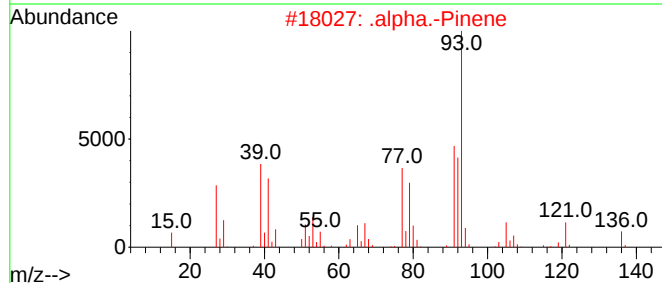
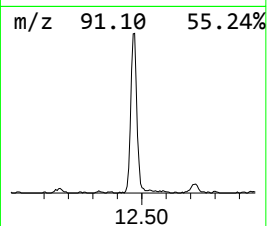
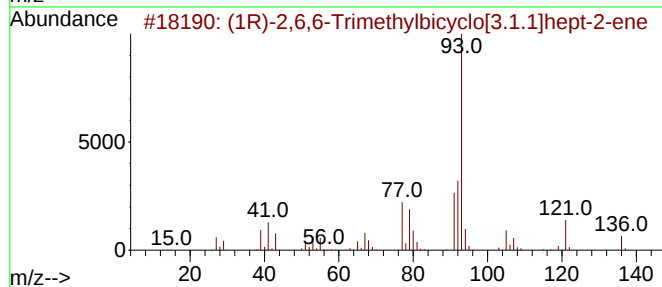
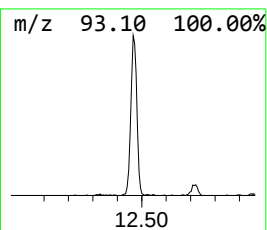
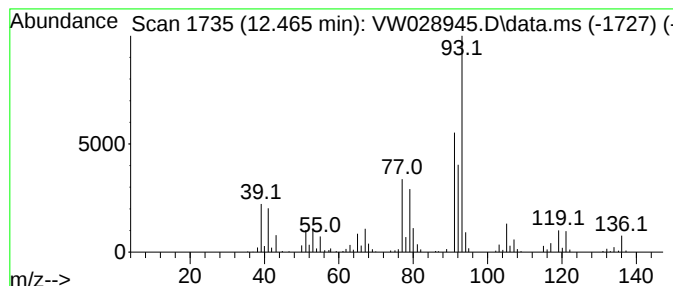
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.465	4.39 ug/L	162285	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	94
2	.alpha.-Pinene	136	C10H16	000080-56-8	93
3	.alpha.-Pinene	136	C10H16	000080-56-8	93
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91
5	(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	87



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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
(1R)-2,6,6-Trim...	12.465	4.4	ug/L	162285	2	11.629	924050	25.0