

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102324\
 Data File : VW030725.D
 Acq On : 23 Oct 2024 15:17
 Operator : SY/MD
 Sample : P4436-06
 Misc : 5.00g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4F48

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\SFAMWLM100924SMA.M
 Title : SFAM01.0

Signal : TIC: VW030725.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	73	78	90	rVB	50493	114072	10.81%	1.574%
2	2.905	160	167	179	rVB	48340	139039	13.17%	1.919%
3	3.283	228	229	231	rBV2	885	683	0.06%	0.009%
4	3.399	242	248	258	rVB2	9590	22008	2.09%	0.304%
5	3.539	266	271	277	rBV6	1877	4080	0.39%	0.056%
6	3.820	316	317	320	rBV2	636	707	0.07%	0.010%
7	4.015	341	349	361	rBV	85634	253419	24.01%	3.497%
8	4.368	402	407	409	rBV5	1553	2942	0.28%	0.041%
9	4.521	430	432	437	rVB5	863	1036	0.10%	0.014%
10	4.570	437	440	442	rBV4	705	865	0.08%	0.012%
11	4.624	447	449	453	rBV5	700	790	0.07%	0.011%
12	4.661	453	455	456	rBV2	908	712	0.07%	0.010%
13	4.917	490	497	503	rBV5	4122	12112	1.15%	0.167%
14	5.161	535	537	538	rBV2	752	622	0.06%	0.009%
15	5.179	538	540	544	rVB4	1463	1758	0.17%	0.024%
16	5.234	547	549	551	rVB2	978	831	0.08%	0.011%
17	5.466	585	587	589	rBV3	790	696	0.07%	0.010%
18	5.600	606	609	613	rBV5	921	1296	0.12%	0.018%
19	5.777	635	638	639	rBV2	1090	1086	0.10%	0.015%
20	5.874	650	654	656	rBV4	697	896	0.08%	0.012%
21	6.118	692	694	697	rVB4	890	744	0.07%	0.010%
22	6.295	715	723	735	rVB4	5526	18952	1.80%	0.262%
23	6.472	749	752	756	rVB6	524	916	0.09%	0.013%
24	6.563	765	767	770	rVB3	1030	728	0.07%	0.010%
25	6.606	770	774	777	rBV5	792	1152	0.11%	0.016%
26	6.655	779	782	783	rBV3	939	914	0.09%	0.013%
27	6.746	793	797	798	rBV3	683	740	0.07%	0.010%
28	6.764	798	800	802	rVV3	903	720	0.07%	0.010%
29	6.813	806	808	812	rVB4	867	605	0.06%	0.008%
30	6.923	824	826	829	rBV4	631	746	0.07%	0.010%
31	7.020	840	842	844	rBV3	1057	1205	0.11%	0.017%
32	7.081	845	852	866	rBV2	23842	84229	7.98%	1.162%
33	7.356	893	897	899	rBV3	890	1267	0.12%	0.017%
34	7.398	899	904	906	rBV6	747	1428	0.14%	0.020%
35	7.648	936	945	958	rVB	243178	562087	53.26%	7.757%
36	8.026	1003	1007	1009	rBV4	863	1317	0.12%	0.018%

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 Title : SFAM01.0

37	8.136	1023	1025	1028	rBV3	799	764	0.07%	0.011%
38	8.173	1028	1031	1032	rVB3	857	755	0.07%	0.010%
39	8.276	1038	1048	1068	rBV2	344386	1055412	100.00%	14.565%
40	8.490	1081	1083	1087	rBV5	844	945	0.09%	0.013%
41	8.563	1093	1095	1099	rVB5	1098	970	0.09%	0.013%
42	8.666	1109	1112	1113	rBV3	713	784	0.07%	0.011%
43	8.843	1132	1141	1154	rBV	458938	892268	84.54%	12.314%
44	8.989	1164	1165	1167	rVB2	1056	610	0.06%	0.008%
45	9.014	1167	1169	1171	rBV3	844	790	0.07%	0.011%
46	9.050	1173	1175	1176	rBV2	1420	1366	0.13%	0.019%
47	9.276	1204	1212	1221	rBV	281685	570477	54.05%	7.873%
48	9.569	1259	1260	1264	rVB4	647	609	0.06%	0.008%
49	9.599	1264	1265	1270	rBV4	899	1559	0.15%	0.022%
50	9.800	1296	1298	1300	rBV3	1004	885	0.08%	0.012%
51	9.934	1318	1320	1323	rBV4	678	679	0.06%	0.009%
52	10.032	1330	1336	1345	rVV	95260	173355	16.43%	2.392%
53	10.325	1376	1384	1390	rVV	374822	656247	62.18%	9.057%
54	10.386	1390	1394	1406	rVV	79071	146191	13.85%	2.018%
55	10.507	1410	1414	1419	rVV7	2526	4121	0.39%	0.057%
56	10.575	1419	1425	1435	rVV	61460	107080	10.15%	1.478%
57	10.696	1441	1445	1451	rVB4	5079	9540	0.90%	0.132%
58	10.745	1451	1453	1454	rBV2	1007	959	0.09%	0.013%
59	10.861	1464	1472	1476	rBV2	2682	6458	0.61%	0.089%
60	10.922	1476	1482	1496	rBV2	90060	185646	17.59%	2.562%
61	11.440	1564	1567	1569	rBV3	1064	1187	0.11%	0.016%
62	11.459	1569	1570	1572	rVV2	844	590	0.06%	0.008%
63	11.519	1578	1580	1582	rVB3	1185	855	0.08%	0.012%
64	11.629	1590	1598	1609	rBV	505459	845630	80.12%	11.670%
65	11.806	1623	1627	1628	rBV4	950	1010	0.10%	0.014%
66	12.013	1658	1661	1665	rBV5	1582	2378	0.23%	0.033%
67	12.166	1682	1686	1691	rBV8	1693	3571	0.34%	0.049%
68	12.330	1706	1713	1725	rVB2	12703	27498	2.61%	0.379%
69	12.464	1725	1735	1742	rBV	35749	66479	6.30%	0.917%
70	12.599	1751	1757	1762	rVB5	7709	15168	1.44%	0.209%
71	12.690	1765	1772	1784	rBV	164172	316963	30.03%	4.374%
72	12.873	1800	1802	1804	rBV3	1192	1122	0.11%	0.015%
73	12.916	1804	1809	1812	rBV6	4532	8610	0.82%	0.119%
74	13.092	1833	1838	1839	rBV4	892	1449	0.14%	0.020%
75	13.190	1842	1854	1859	rBV	9666	21297	2.02%	0.294%
76	13.300	1867	1872	1877	rVB2	5044	7849	0.74%	0.108%

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 Title : SFAM01.0

77	13.361	1877	1882	1885	rBV6	5340	10877	1.03%	0.150%
78	13.403	1885	1889	1894	rVB2	14288	23481	2.22%	0.324%
79	13.556	1908	1914	1919	rBV	269813	432119	40.94%	5.964%
80	13.708	1936	1939	1944	rVB4	9701	12901	1.22%	0.178%
81	13.757	1944	1947	1952	rVB3	9349	14539	1.38%	0.201%
82	13.848	1955	1962	1970	rBV	207519	352239	33.37%	4.861%
83	14.482	2063	2066	2073	rVB8	2873	4159	0.39%	0.057%
84	15.007	2150	2152	2154	rBV3	898	642	0.06%	0.009%
85	15.049	2154	2159	2163	rBV7	2059	4011	0.38%	0.055%
86	15.500	2231	2233	2236	rBV4	837	1111	0.11%	0.015%
87	15.525	2236	2237	2239	rVB2	1190	625	0.06%	0.009%
88	15.665	2258	2260	2262	rBV3	766	646	0.06%	0.009%
89	15.958	2303	2308	2309	rBV5	1001	1509	0.14%	0.021%
90	16.006	2314	2316	2319	rVV3	868	830	0.08%	0.011%
91	16.092	2328	2330	2333	rBV3	1075	1172	0.11%	0.016%
92	16.214	2349	2350	2352	rBV2	868	636	0.06%	0.009%
93	16.299	2361	2364	2365	rBV2	582	610	0.06%	0.008%
94	16.360	2371	2374	2376	rBV3	805	954	0.09%	0.013%
95	16.537	2401	2403	2407	rVB4	713	721	0.07%	0.010%
96	16.604	2413	2414	2418	rBV4	832	850	0.08%	0.012%
97	16.634	2418	2419	2422	rVV2	721	691	0.07%	0.010%
98	16.665	2422	2424	2425	rVB2	969	675	0.06%	0.009%
99	16.720	2431	2433	2437	rVB5	1412	1499	0.14%	0.021%
100	16.750	2437	2438	2441	rBV3	850	977	0.09%	0.013%

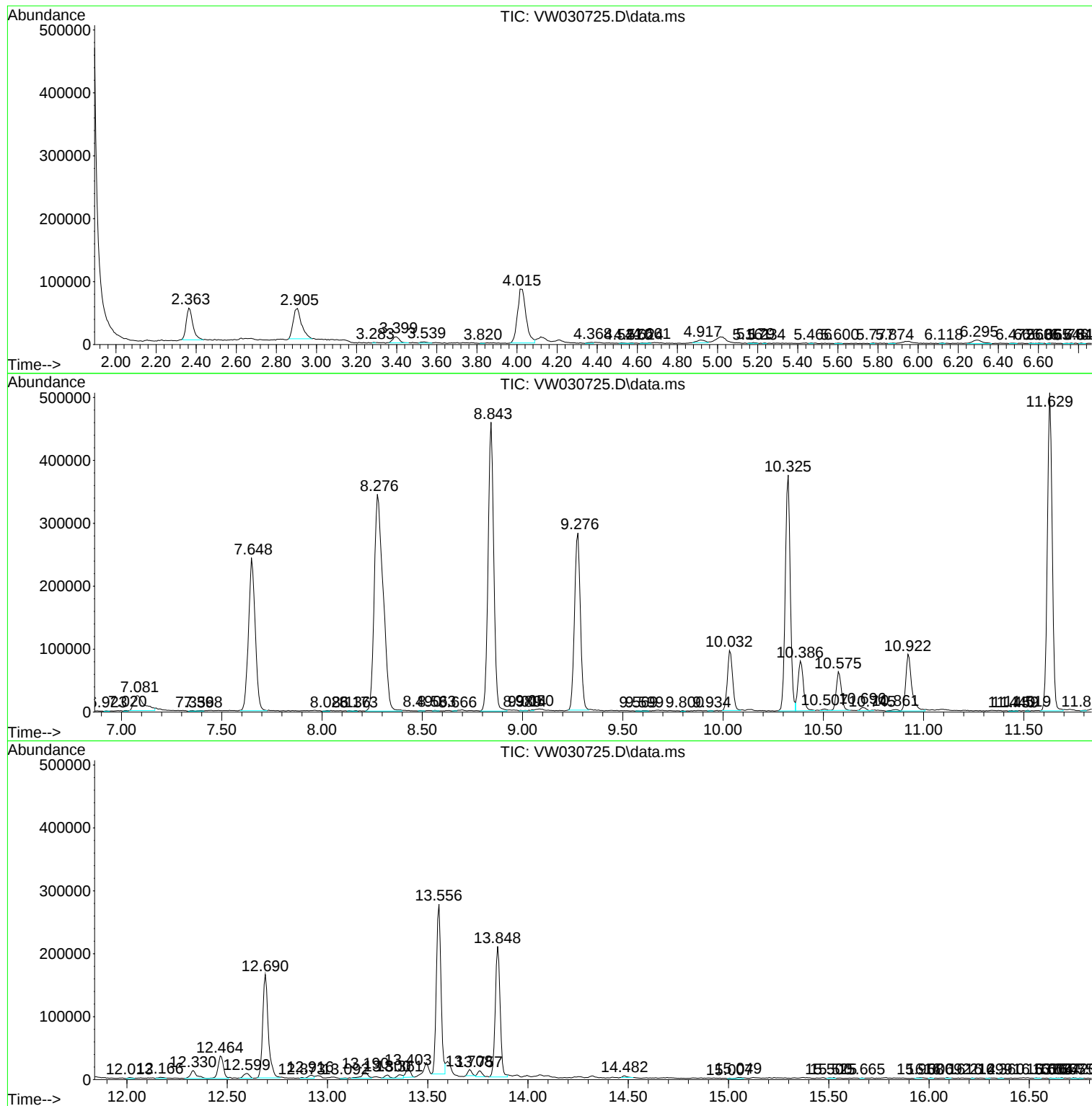
Sum of corrected areas: 7246000

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

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



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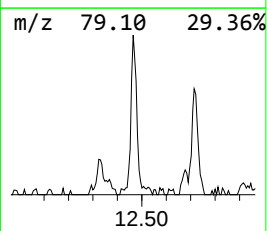
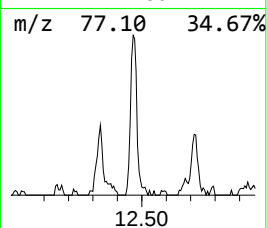
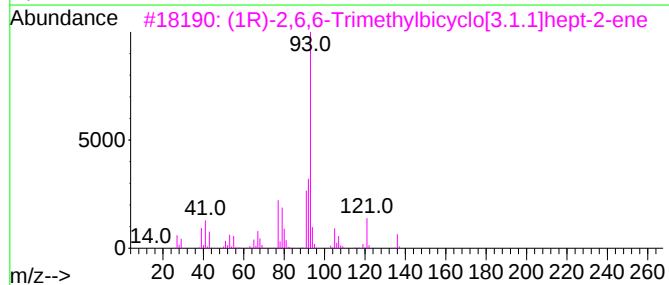
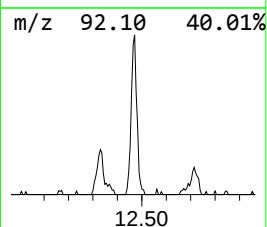
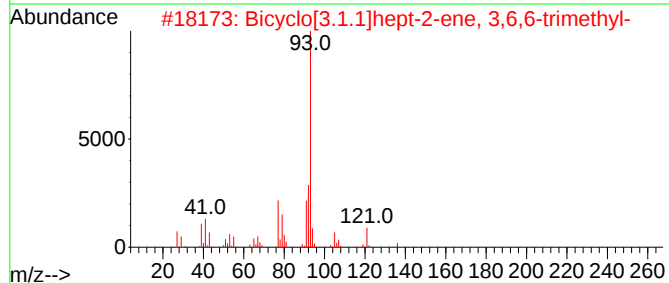
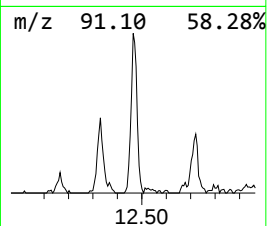
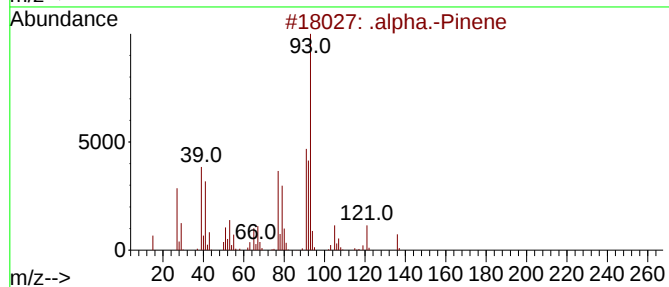
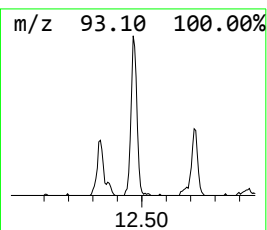
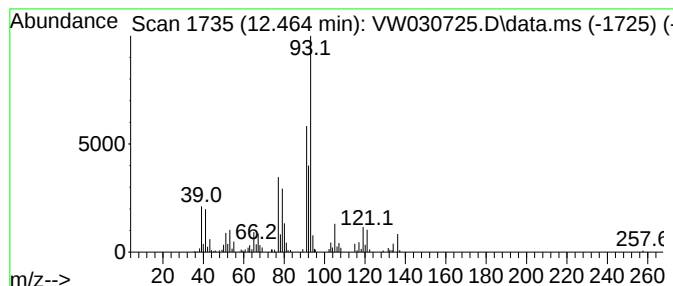
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	1.97 ug/L	66479	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-Pinene	136	C10H16	000080-56-8	93
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...			136	C10H16	004889-83-2	90
3	(1R)-2,6,6-Trimethylbicyclo[3.1....			136	C10H16	007785-70-8	81
4	.		.alpha.-Pinene	136	C10H16	000080-56-8	76
5	Cyclohexene, 4-methylene-1-(1-me...			136	C10H16	000099-84-3	70



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.464	2.0	ug/L	66479	2	11.629	845630	25.0