

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081624\
 Data File : VW029934.D
 Acq On : 16 Aug 2024 16:24
 Operator : SY/MD
 Sample : P3504-21
 Misc : 5.86g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCYA2

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\SFAMWLM072424SMA.M
 Title : SFAM01.0

Signal : TIC: VW029934.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	72	79	97	rBV	37614	106325	11.56%	1.607%
2	2.899	159	166	185	rVB	34275	106028	11.53%	1.603%
3	3.314	232	234	236	rBV2	497	300	0.03%	0.005%
4	3.460	257	258	260	rBV	498	406	0.04%	0.006%
5	3.728	299	302	303	rBV2	724	673	0.07%	0.010%
6	3.832	317	319	321	rBV2	529	413	0.04%	0.006%
7	3.887	326	328	331	rVB2	438	390	0.04%	0.006%
8	4.021	338	350	363	rBV2	69741	250523	27.25%	3.787%
9	4.679	456	458	462	rBV4	722	720	0.08%	0.011%
10	4.746	467	469	472	rVB3	477	250	0.03%	0.004%
11	4.838	482	484	485	rVB2	375	222	0.02%	0.003%
12	4.917	485	497	515	rBV3	10651	47451	5.16%	0.717%
13	5.118	527	530	531	rBV2	684	651	0.07%	0.010%
14	5.252	551	552	554	rBV2	340	249	0.03%	0.004%
15	5.289	557	558	561	rVB2	455	325	0.04%	0.005%
16	5.387	572	574	576	rBV2	252	205	0.02%	0.003%
17	5.411	576	578	579	rVV	346	305	0.03%	0.005%
18	5.460	582	586	587	rBV2	511	644	0.07%	0.010%
19	5.508	590	594	596	rBV3	529	593	0.06%	0.009%
20	5.624	611	613	615	rBV2	239	205	0.02%	0.003%
21	5.783	637	639	643	rBV3	418	572	0.06%	0.009%
22	5.862	649	652	653	rBV2	265	259	0.03%	0.004%
23	5.941	656	665	677	rVB4	6389	19361	2.11%	0.293%
24	6.027	677	679	681	rBV	312	248	0.03%	0.004%
25	6.100	689	691	694	rVB2	368	365	0.04%	0.006%
26	6.216	705	710	711	rBV4	434	613	0.07%	0.009%
27	6.277	717	720	722	rBV2	529	545	0.06%	0.008%
28	6.331	725	729	731	rBV2	362	420	0.05%	0.006%
29	6.392	737	739	740	rBV2	365	238	0.03%	0.004%
30	6.435	745	746	750	rBV3	498	388	0.04%	0.006%
31	6.533	760	762	764	rVV2	251	244	0.03%	0.004%
32	6.667	782	784	786	rVB2	401	283	0.03%	0.004%
33	6.728	791	794	796	rBV2	321	405	0.04%	0.006%
34	6.777	799	802	803	rVB2	382	287	0.03%	0.004%
35	6.923	825	826	829	rBV3	414	375	0.04%	0.006%
36	6.947	829	830	832	rVB2	531	363	0.04%	0.005%

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 Title : SFAM01.0

37	6.990	835	837	840	rVB3	670	538	0.06%	0.008%
38	7.020	840	842	843	rBV	370	314	0.03%	0.005%
39	7.081	843	852	870	rBV2	21688	77852	8.47%	1.177%
40	7.276	883	884	887	rBV3	409	407	0.04%	0.006%
41	7.429	907	909	913	rBV2	442	557	0.06%	0.008%
42	7.472	914	916	920	rVV3	600	664	0.07%	0.010%
43	7.508	920	922	925	rVB2	359	303	0.03%	0.005%
44	7.532	925	926	928	rVB2	372	266	0.03%	0.004%
45	7.563	929	931	932	rBV2	336	236	0.03%	0.004%
46	7.648	935	945	957	rVV	149169	372198	40.48%	5.626%
47	7.734	957	959	962	rVB4	560	358	0.04%	0.005%
48	7.978	997	999	1002	rVB2	509	477	0.05%	0.007%
49	8.008	1002	1004	1005	rBV	340	298	0.03%	0.005%
50	8.136	1023	1025	1028	rBV2	502	681	0.07%	0.010%
51	8.276	1037	1048	1065	rBV2	280431	832060	90.50%	12.576%
52	8.703	1111	1118	1124	rBV8	1684	4233	0.46%	0.064%
53	8.843	1132	1141	1153	rBV	410586	800190	87.03%	12.095%
54	9.124	1185	1187	1191	rVB4	625	635	0.07%	0.010%
55	9.166	1192	1194	1199	rVB4	475	584	0.06%	0.009%
56	9.270	1202	1211	1222	rBV	198642	409017	44.48%	6.182%
57	9.617	1266	1268	1271	rBV	365	262	0.03%	0.004%
58	9.813	1298	1300	1305	rVB4	419	446	0.05%	0.007%
59	9.928	1317	1319	1323	rBV2	268	402	0.04%	0.006%
60	10.032	1326	1336	1346	rBV	96298	175045	19.04%	2.646%
61	10.130	1346	1352	1360	rVB2	13784	29397	3.20%	0.444%
62	10.325	1373	1384	1391	rBV	375459	673847	73.29%	10.185%
63	10.501	1407	1413	1418	rBV7	1512	3068	0.33%	0.046%
64	10.575	1418	1425	1435	rBV2	60994	108336	11.78%	1.637%
65	10.697	1440	1445	1451	rVV2	3608	5866	0.64%	0.089%
66	10.825	1463	1466	1467	rBV2	453	472	0.05%	0.007%
67	10.922	1475	1482	1493	rBV	88452	157632	17.14%	2.383%
68	11.075	1502	1507	1513	rVB5	5986	10972	1.19%	0.166%
69	11.257	1536	1537	1541	rVB4	790	708	0.08%	0.011%
70	11.385	1555	1558	1559	rBV3	387	414	0.05%	0.006%
71	11.404	1559	1561	1562	rBV	521	399	0.04%	0.006%
72	11.556	1584	1586	1589	rBV2	441	658	0.07%	0.010%
73	11.629	1590	1598	1611	rVV	565072	919454	100.00%	13.897%
74	11.818	1627	1629	1630	rBV2	474	402	0.04%	0.006%
75	11.959	1650	1652	1653	rVB2	550	336	0.04%	0.005%
76	12.026	1658	1663	1665	rBV5	1397	2158	0.23%	0.033%

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 Title : SFAM01.0

77	12.099	1673	1675	1677	rBV2	586	533	0.06%	0.008%
78	12.221	1694	1695	1696	rBV	560	255	0.03%	0.004%
79	12.465	1730	1735	1741	rBV	44992	76265	8.29%	1.153%
80	12.605	1752	1758	1762	rVB	6331	10449	1.14%	0.158%
81	12.690	1764	1772	1782	rBV	152811	253594	27.58%	3.833%
82	12.836	1793	1796	1797	rBV2	356	354	0.04%	0.005%
83	12.983	1818	1820	1822	rVB	337	217	0.02%	0.003%
84	13.038	1822	1829	1833	rBV5	2794	6146	0.67%	0.093%
85	13.111	1840	1841	1844	rBV3	340	313	0.03%	0.005%
86	13.208	1851	1857	1863	rVB6	4376	8838	0.96%	0.134%
87	13.464	1895	1899	1901	rBV3	3014	4338	0.47%	0.066%
88	13.556	1907	1914	1926	rBV	426568	684200	74.41%	10.342%
89	13.848	1955	1962	1970	rBV	259281	422745	45.98%	6.390%
90	13.989	1982	1985	1989	rBV4	2924	4352	0.47%	0.066%
91	14.318	2034	2039	2045	rBV7	2405	4719	0.51%	0.071%
92	14.428	2055	2057	2060	rVB2	711	559	0.06%	0.008%
93	14.824	2119	2122	2123	rBV3	382	346	0.04%	0.005%
94	14.934	2138	2140	2142	rVB3	632	456	0.05%	0.007%
95	14.964	2142	2145	2146	rBV2	313	290	0.03%	0.004%
96	15.238	2187	2190	2196	rVB6	978	1709	0.19%	0.026%
97	15.781	2277	2279	2282	rVB2	410	488	0.05%	0.007%
98	15.921	2300	2302	2305	rBV3	352	295	0.03%	0.004%
99	16.275	2358	2360	2361	rBV	417	324	0.04%	0.005%
100	16.482	2392	2394	2396	rBV3	497	245	0.03%	0.004%

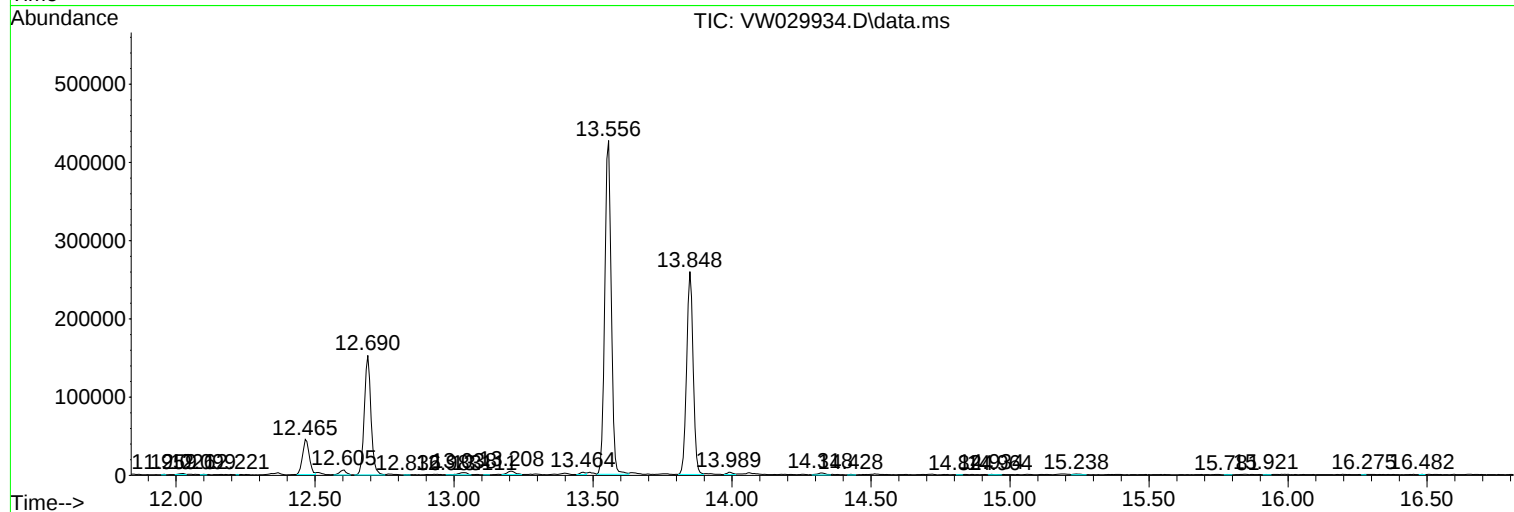
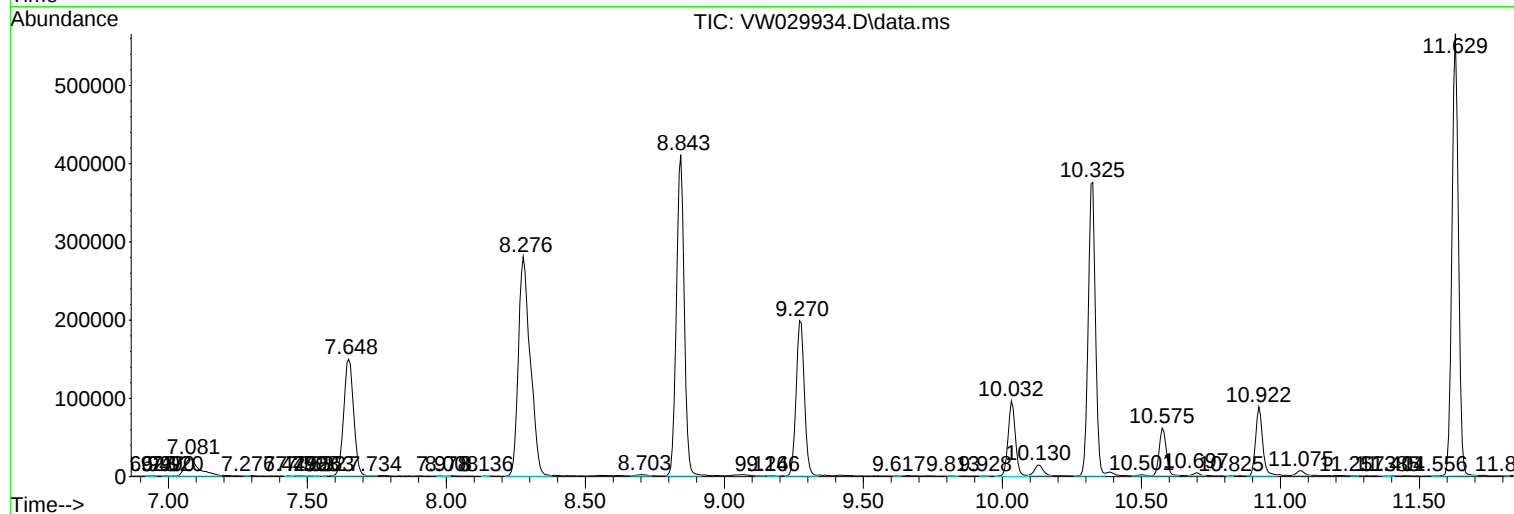
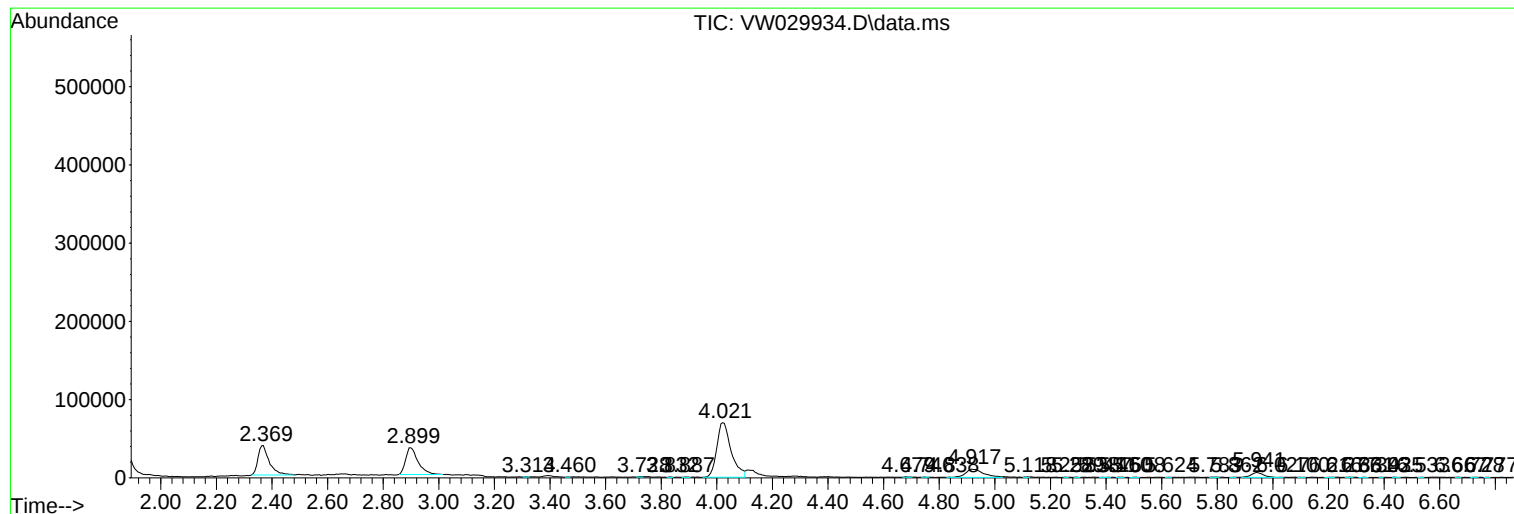
Sum of corrected areas: 6616016

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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



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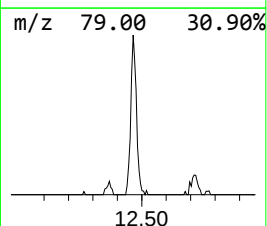
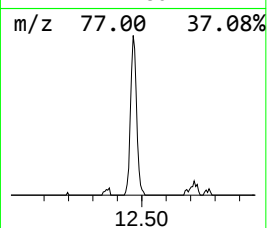
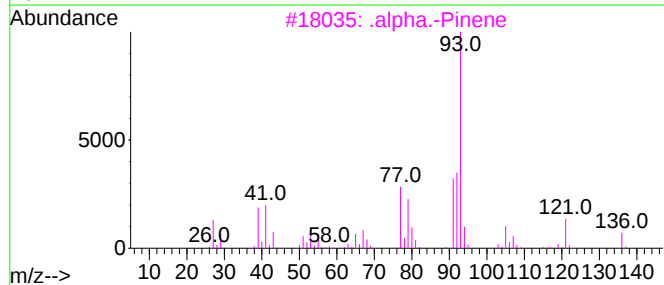
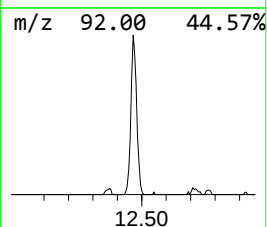
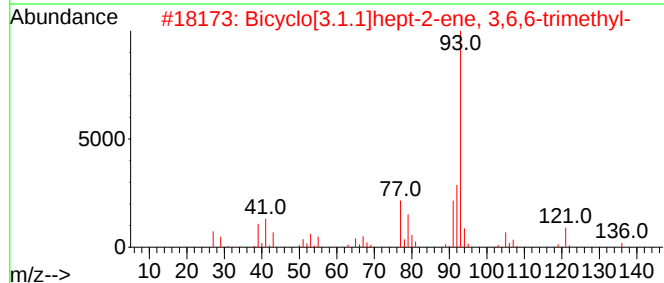
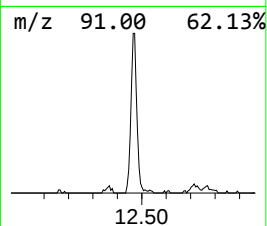
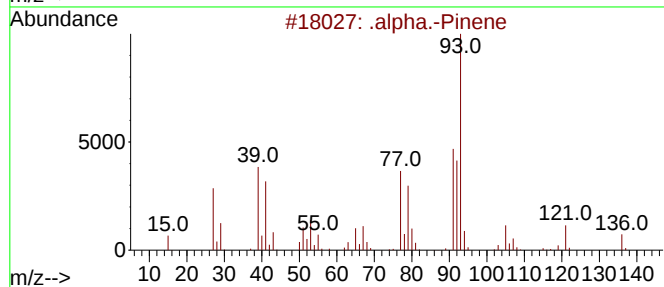
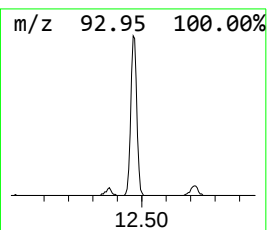
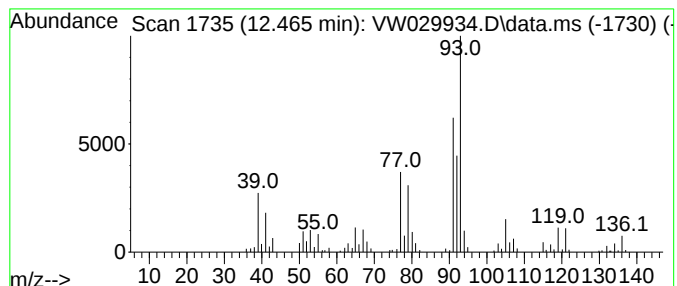
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	2.07 ug/L	76265	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	83
3	.		.alpha.-Pinene	136	C10H16	000080-56-8	81
4	4-Carene, (1S,3R,6R)-(-)-			136	C10H16	005208-49-1	80
5	Cyclohexene, 4-methylene-1-(1-me...			136	C10H16	000099-84-3	76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.464	2.1	ug/L	76265	2	11.629	919454	25.0