LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
Data File : VV035826.D
Acq On : 26 May 2024 02:49
Operator : SY/MD
Sample : P2586-20
Misc : 4.38g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4C56

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_V\Method\SFAMVLM050624SMA.M
Title : VOC Analysis

Signal : TIC: VV035826.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.272	66	72	93	rVB	230869	255502	17.20%	2.597%
2	1.526	145	151	165	rVB	192365	234655	15.80%	2.385%
3	2.050	304	314	333	rVB	400761	587008	39.52%	5.966%
4	2.783	539	542	545	rBV3	552	374	0.03%	0.004%
5	2.867	565	568	571	rBV2	379	254	0.02%	0.003%
6	2.966	589	599	608	rBV6	3606	7195	0.48%	0.073%
7	3.082	632	635	638	rBV	304	156	0.01%	0.002%
8	3.095	638	639	643	rBV	279	191	0.01%	0.002%
9	3.134	649	651	657	rVB3	473	345	0.02%	0.004%
10	3.162	657	660	662	rVB	225	104	0.01%	0.001%
11	3.230	677	681	684	rBV2	365	340	0.02%	0.003%
12	3.259	688	690	695	rVB2	338	225	0.02%	0.002%
13	3.352	716	719	721	rBV	198	112	0.01%	0.001%
14	3.378	725	727	731	rVV2	214	113	0.01%	0.001%
15	3.436	743	745	748	rVB	224	85	0.01%	0.001%
16	3.455	748	751	752	rBV	97	56	0.00%	0.001%
17	3.529	770	774	781	rBV3	343	359	0.02%	0.004%
18	3.571	784	787	788	rBV2	153	69	0.00%	0.001%
19	3.645	808	810	813	rBV2	234	103	0.01%	0.001%
20	3.796	854	857	860	rBV2	257	213	0.01%	0.002%
21	3.828	863	867	869	rBV2	414	414	0.03%	0.004%
22	3.921	879	896	900	rBV6	4293	12739	0.86%	0.129%
23	4.243	981	996	1033	rBV	256076	677760	45.62%	6.889%
24	4.654	1122	1124	1127	rBV2	200	126	0.01%	0.001%
25	4.764	1156	1158	1161	rVB	276	131	0.01%	0.001%
26	4.786	1161	1165	1169	rBV2	380	328	0.02%	0.003%
27	4.834	1173	1180	1186	rBV2	257	406	0.03%	0.004%
28	4.863	1186	1189	1192	rVB	204	96	0.01%	0.001%
29	4.883	1192	1195	1198	rBV2	196	155	0.01%	0.002%
30	4.899	1198	1200	1202	rBV	288	176	0.01%	0.002%
31	4.950	1202	1216	1256	rBV2	563326	1485502	100.00%	15.099%
32	5.410	1357	1359	1360	rBV2	335	156	0.01%	0.002%
33	5.529	1385	1396	1440	rBV	587902	1252569	84.32%	12.731%
34	5.828	1481	1489	1509	rVB2	16946	36150	2.43%	0.367%
35	5.985	1524	1538	1584	rBV	344763	750489	50.52%	7.628%
36	6.310	1637	1639	1640	rBV	245	120	0.01%	0.001%

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MSVOA_V
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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_V\Method\SFAMVLM050624SMA.M
Title : VOC Analysis

37	6.362	1652	1655	1656	rBV2	196	96	0.01%	0.001%
38	6.394	1663	1665	1668	rVB2	342	173	0.01%	0.002%
39	6.477	1689	1691	1694	rBV2	170	116	0.01%	0.001%
40	6.494	1694	1696	1700	rVB2	296	155	0.01%	0.002%
41	6.519	1700	1704	1708	rVB2	490	350	0.02%	0.004%
42	6.539	1708	1710	1711	rBV	204	71	0.00%	0.001%
43	6.587	1718	1725	1729	rBV2	308	449	0.03%	0.005%
44	6.719	1763	1766	1769	rVV3	280	163	0.01%	0.002%
45	6.731	1769	1770	1775	rVB	399	200	0.01%	0.002%
46	6.757	1775	1778	1779	rBV	175	89	0.01%	0.001%
47	6.799	1789	1791	1794	rBV	344	175	0.01%	0.002%
48	6.831	1799	1801	1802	rVB	228	69	0.00%	0.001%
49	6.918	1818	1828	1853	rBV	55869	120784	8.13%	1.228%
50	7.159	1899	1903	1905	rBV3	365	305	0.02%	0.003%
51	7.243	1917	1929	1957	rBV	539184	985086	66.31%	10.013%
52	7.561	2019	2028	2057	rBV2	39537	84684	5.70%	0.861%
53	7.841	2110	2115	2117	rBV	483	398	0.03%	0.004%
54	7.876	2118	2126	2134	rVV3	2397	4835	0.33%	0.049%
55	7.950	2146	2149	2152	rBV2	454	263	0.02%	0.003%
56	8.050	2172	2180	2203	rBV5	18667	58401	3.93%	0.594%
57	8.403	2286	2290	2292	rBV2	616	475	0.03%	0.005%
58	8.471	2308	2311	2314	rBV3	384	253	0.02%	0.003%
59	8.487	2314	2316	2318	rVB2	409	135	0.01%	0.001%
60	8.529	2327	2329	2330	rBV	325	127	0.01%	0.001%
61	8.571	2340	2342	2344	rBV	251	119	0.01%	0.001%
62	8.625	2357	2359	2360	rBV	198	64	0.00%	0.001%
63	8.664	2369	2371	2374	rBV2	250	132	0.01%	0.001%
64	8.702	2381	2383	2385	rVB2	308	105	0.01%	0.001%
65	8.715	2385	2387	2390	rVB	318	152	0.01%	0.002%
66	8.728	2390	2391	2396	rBV2	196	142	0.01%	0.001%
67	8.783	2396	2408	2439	rBV	777623	1298870	87.44%	13.202%
68	9.291	2565	2566	2567	rBV	170	55	0.00%	0.001%
69	9.320	2572	2575	2578	rVB	514	338	0.02%	0.003%
70	9.339	2578	2581	2582	rBV2	326	213	0.01%	0.002%
71	9.365	2586	2589	2591	rBV2	193	123	0.01%	0.001%
72	9.407	2600	2602	2606	rVB2	365	206	0.01%	0.002%
73	9.429	2606	2609	2612	rBV3	384	255	0.02%	0.003%
74	9.497	2623	2630	2633	rBV3	752	793	0.05%	0.008%
75	9.683	2673	2688	2702	rBV2	32526	53897	3.63%	0.548%
76	9.744	2704	2707	2709	rBV3	441	252	0.02%	0.003%

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ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4C56

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Title : VOC Analysis

77	9.837	2723	2736	2747	rBV2	51608	85652	5.77%	0.871%
78	9.940	2766	2768	2769	rBV	287	126	0.01%	0.001%
79	9.972	2776	2778	2780	rVB	203	74	0.00%	0.001%
80	10.021	2791	2793	2796	rBV2	384	163	0.01%	0.002%
81	10.114	2812	2822	2826	rBV2	38718	61175	4.12%	0.622%
82	10.153	2827	2834	2858	rVB	245587	400730	26.98%	4.073%
83	10.323	2880	2887	2896	rVB2	8072	11532	0.78%	0.117%
84	10.445	2924	2925	2926	rBV2	156	50	0.00%	0.001%
85	10.455	2926	2928	2930	rVV	272	150	0.01%	0.002%
86	10.509	2935	2945	2958	rVB7	3184	5772	0.39%	0.059%
87	10.654	2987	2990	2991	rBV2	374	233	0.02%	0.002%
88	10.735	3012	3015	3018	rBV	315	206	0.01%	0.002%
89	10.757	3018	3022	3026	rBV4	559	538	0.04%	0.005%
90	10.853	3045	3052	3060	rBV5	2525	3983	0.27%	0.040%
91	10.966	3082	3087	3096	rBV6	1200	1771	0.12%	0.018%
92	11.082	3115	3123	3131	rBV5	5208	7872	0.53%	0.080%
93	11.130	3131	3138	3144	rBV6	3765	4952	0.33%	0.050%
94	11.185	3144	3155	3175	rBV	502788	799787	53.84%	8.129%
95	11.558	3261	3271	3297	rBV	319153	523814	35.26%	5.324%
96	12.194	3460	3469	3478	rVB2	5687	8408	0.57%	0.085%
97	12.471	3552	3555	3558	rBV3	917	609	0.04%	0.006%
98	12.866	3676	3678	3680	rBV	359	226	0.02%	0.002%
99	13.085	3743	3746	3748	rBV3	653	474	0.03%	0.005%
100	13.677	3928	3930	3940	rBV7	1272	1869	0.13%	0.019%

Sum of corrected areas: 9838510

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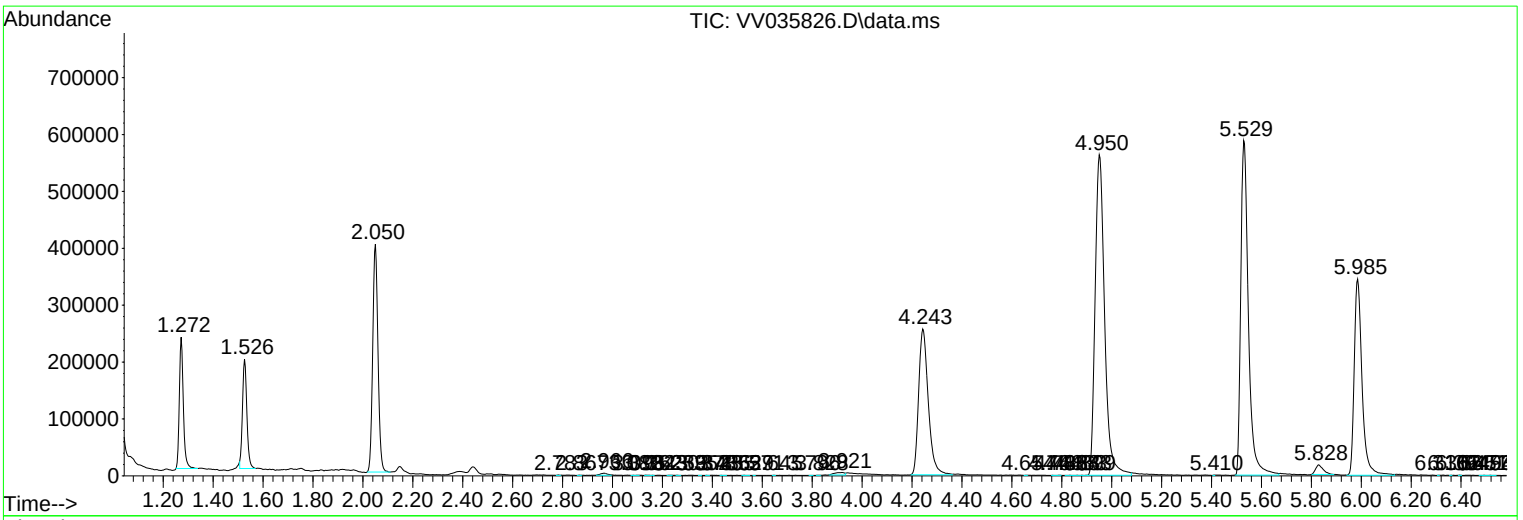
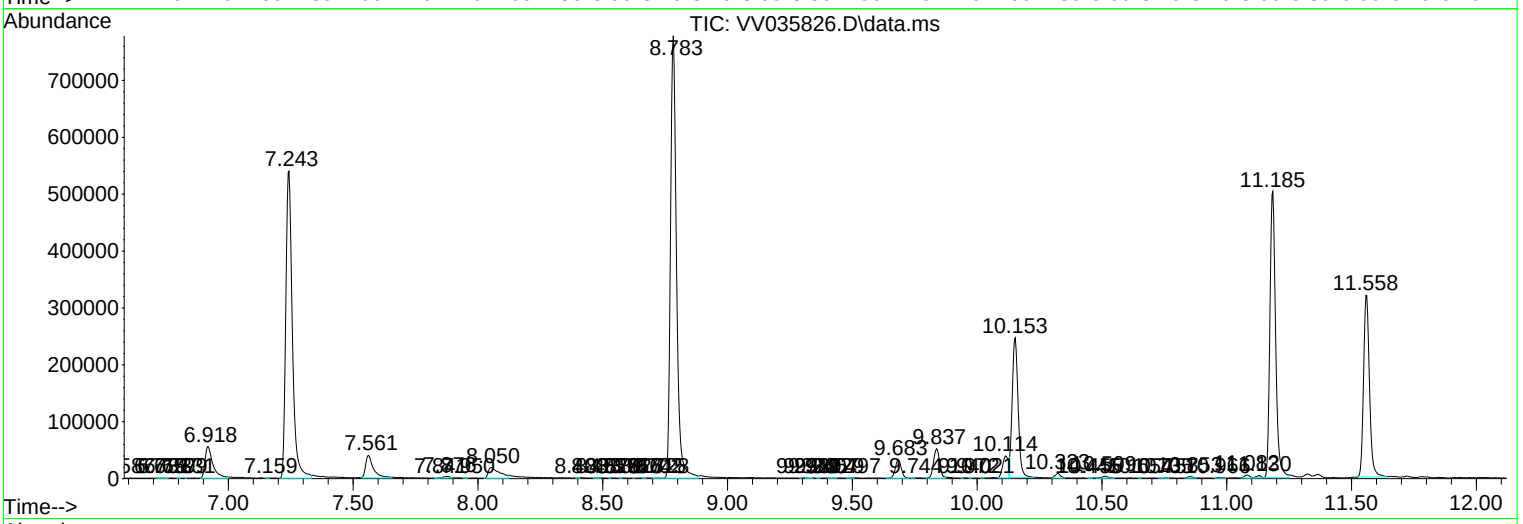
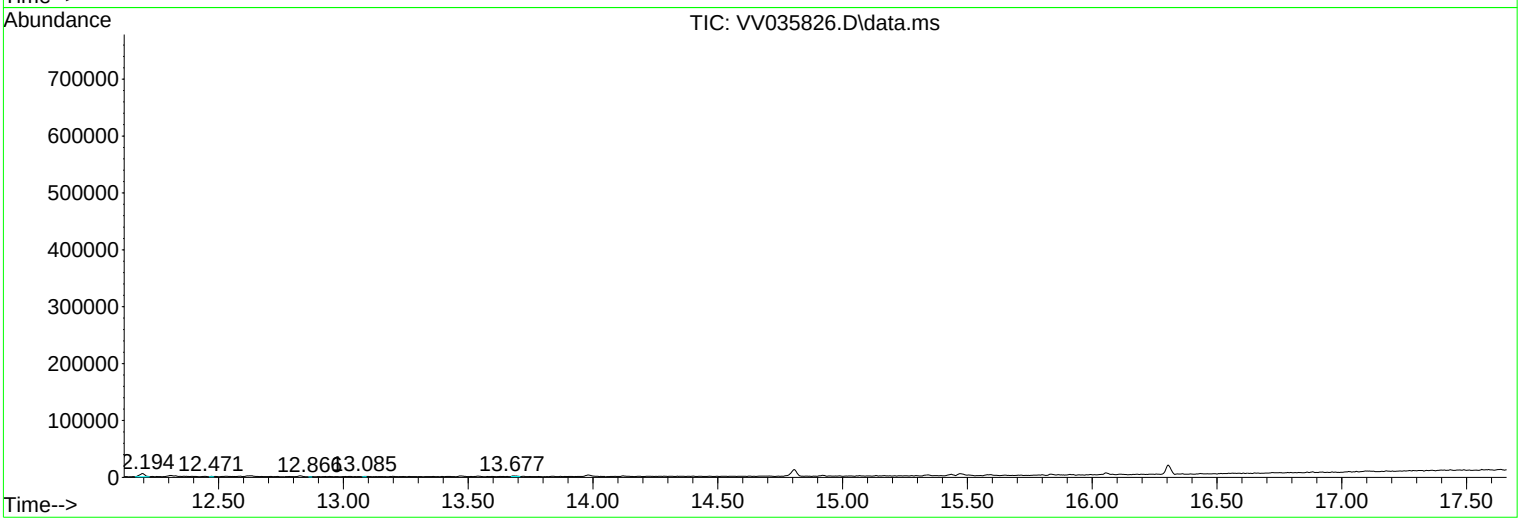
Instrument :
MSVOA_V
ClientSampleId :
A4C56

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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







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Quant Title : VOC Analysis

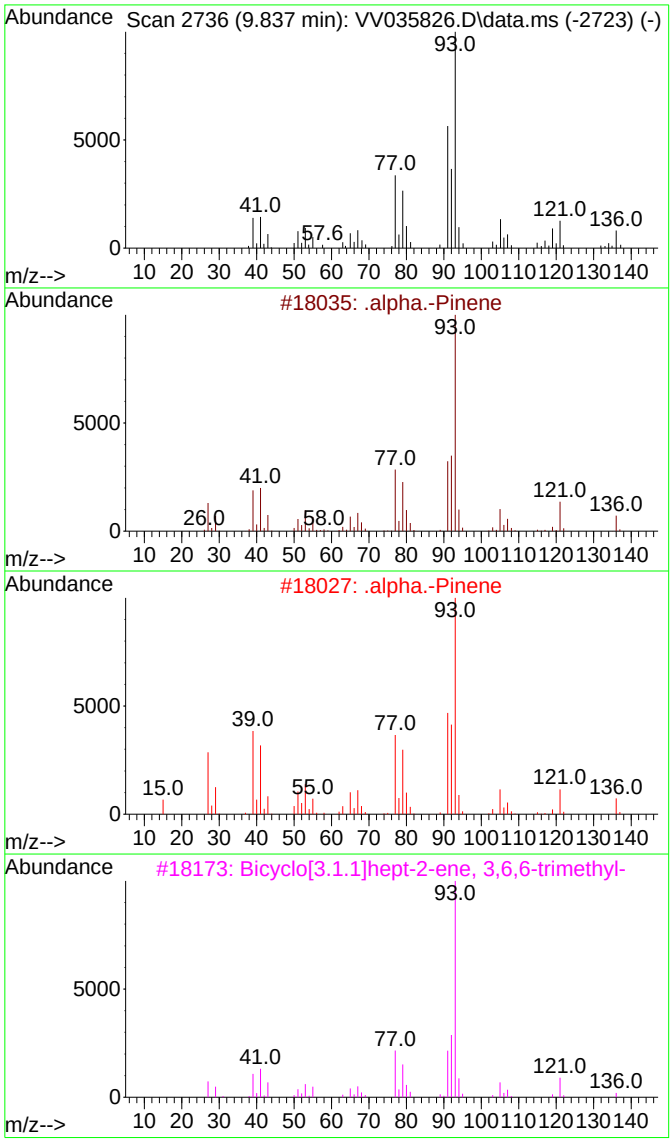
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

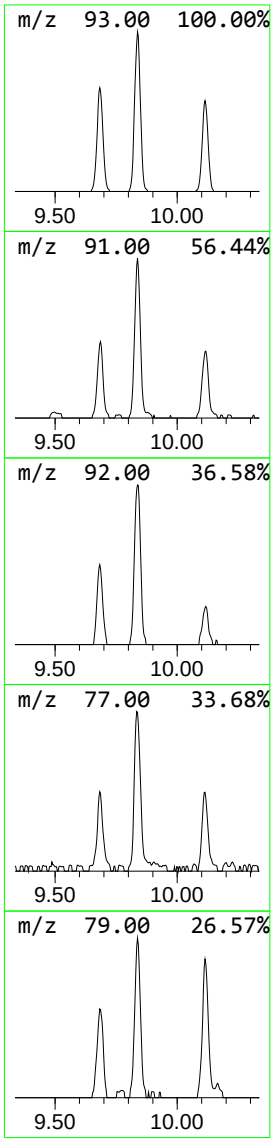
****

Peak Number 2 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.837	1.65 ug/L	85652	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	93
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	90
4	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	90
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	87





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
.alpha.-Pinene	9.837	1.6	ug/L	85652	2	8.783	1298870	25.0