

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
 Data File : VV036658.D
 Acq On : 23 Jul 2024 19:44
 Operator : SY/MD
 Sample : P3276-16
 Misc : 6.44g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20J5

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\SFAMVLM072224SMA.M
 Title : VOC Analysis

Signal : TIC: VV036658.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.185	41	45	51	rBV	22061	18908	3.10%	0.437%
2	1.272	67	72	83	rVB	67738	73889	12.13%	1.707%
3	1.526	146	151	162	rVB	72267	86189	14.15%	1.991%
4	2.050	306	314	326	rVB	123611	176089	28.91%	4.068%
5	2.439	426	435	452	rVB2	20614	35540	5.84%	0.821%
6	2.683	509	511	512	rBV	310	106	0.02%	0.002%
7	2.799	543	547	550	rVB3	293	191	0.03%	0.004%
8	2.835	555	558	559	rBV2	249	163	0.03%	0.004%
9	2.886	564	574	587	rBV2	5729	13401	2.20%	0.310%
10	3.073	628	632	635	rBV2	342	264	0.04%	0.006%
11	3.085	635	636	639	rBV	165	89	0.01%	0.002%
12	3.169	660	662	664	rVB	338	157	0.03%	0.004%
13	3.198	664	671	674	rBV2	381	427	0.07%	0.010%
14	3.365	721	723	726	rVB	263	124	0.02%	0.003%
15	3.417	737	739	744	rVB2	206	105	0.02%	0.002%
16	3.436	744	745	747	rBV	249	83	0.01%	0.002%
17	3.523	768	772	775	rBV2	280	167	0.03%	0.004%
18	3.542	775	778	780	rBV	148	99	0.02%	0.002%
19	3.597	788	795	799	rVB3	331	344	0.06%	0.008%
20	3.648	808	811	814	rVB	211	110	0.02%	0.003%
21	3.680	818	821	827	rBV	129	87	0.01%	0.002%
22	3.773	848	850	853	rBV	152	87	0.01%	0.002%
23	3.841	858	871	886	rBV	23142	83872	13.77%	1.938%
24	4.243	983	996	1031	rVB2	120208	322394	52.94%	7.448%
25	4.519	1080	1082	1085	rVB3	480	210	0.03%	0.005%
26	4.619	1112	1113	1114	rBV3	293	90	0.01%	0.002%
27	4.671	1126	1129	1130	rBV	207	111	0.02%	0.003%
28	4.716	1139	1143	1145	rBV2	185	137	0.02%	0.003%
29	4.732	1146	1148	1151	rVV	200	132	0.02%	0.003%
30	4.748	1151	1153	1157	rVV2	244	138	0.02%	0.003%
31	4.780	1161	1163	1166	rBV2	231	108	0.02%	0.002%
32	4.886	1194	1196	1199	rVB3	369	174	0.03%	0.004%
33	4.950	1202	1216	1254	rBV3	227540	609033	100.00%	14.069%
34	5.346	1337	1339	1340	rBV	215	105	0.02%	0.002%
35	5.394	1351	1354	1356	rBV2	301	258	0.04%	0.006%
36	5.442	1366	1369	1371	rVB2	227	109	0.02%	0.003%

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 Title : VOC Analysis

37	5.458	1371	1374	1377	rBV2	339	271	0.04%	0.006%
38	5.529	1386	1396	1430	rBV	264766	572941	94.07%	13.235%
39	5.834	1479	1491	1521	rBV2	52871	130496	21.43%	3.015%
40	5.986	1526	1538	1565	rBV	144839	310782	51.03%	7.179%
41	6.474	1687	1690	1694	rVB2	453	294	0.05%	0.007%
42	6.600	1726	1729	1731	rBV2	194	114	0.02%	0.003%
43	6.645	1739	1743	1744	rBV2	319	191	0.03%	0.004%
44	6.658	1744	1747	1749	rBV2	223	133	0.02%	0.003%
45	6.699	1757	1760	1763	rVB2	271	149	0.02%	0.003%
46	6.754	1775	1777	1781	rBV2	260	198	0.03%	0.005%
47	6.773	1781	1783	1788	rVB2	258	131	0.02%	0.003%
48	6.854	1803	1808	1814	rVB3	490	523	0.09%	0.012%
49	6.915	1814	1827	1851	rBV2	53596	113877	18.70%	2.631%
50	7.243	1918	1929	1955	rBV	168044	312868	51.37%	7.228%
51	7.558	2019	2027	2056	rBV	33904	72533	11.91%	1.676%
52	7.754	2086	2088	2094	rBV4	307	241	0.04%	0.006%
53	7.876	2114	2126	2129	rBV3	2656	4041	0.66%	0.093%
54	8.034	2164	2175	2210	rBV	86379	206324	33.88%	4.766%
55	8.606	2350	2353	2356	rBV	248	219	0.04%	0.005%
56	8.638	2361	2363	2366	rVB	300	174	0.03%	0.004%
57	8.664	2368	2371	2372	rBV	164	96	0.02%	0.002%
58	8.735	2391	2393	2397	rVB	192	100	0.02%	0.002%
59	8.783	2397	2408	2433	rBV	275198	478995	78.65%	11.065%
60	9.098	2504	2506	2507	rBV	362	185	0.03%	0.004%
61	9.143	2517	2520	2522	rBV	247	145	0.02%	0.003%
62	9.191	2533	2535	2540	rBV	164	142	0.02%	0.003%
63	9.256	2552	2555	2558	rBV2	225	211	0.03%	0.005%
64	9.320	2571	2575	2579	rVB2	347	318	0.05%	0.007%
65	9.349	2579	2584	2587	rBV2	331	341	0.06%	0.008%
66	9.371	2589	2591	2592	rBV	182	69	0.01%	0.002%
67	9.519	2635	2637	2639	rVB	399	175	0.03%	0.004%
68	9.532	2639	2641	2644	rBV	210	139	0.02%	0.003%
69	9.587	2655	2658	2660	rBV2	222	170	0.03%	0.004%
70	9.715	2696	2698	2701	rVV	228	75	0.01%	0.002%
71	9.731	2701	2703	2706	rVV	259	109	0.02%	0.003%
72	9.757	2708	2711	2714	rVB	267	140	0.02%	0.003%
73	9.834	2731	2735	2742	rBV4	784	849	0.14%	0.020%
74	9.873	2746	2747	2751	rVB	268	124	0.02%	0.003%
75	9.905	2751	2757	2759	rBV2	218	219	0.04%	0.005%
76	9.940	2766	2768	2769	rBV2	266	123	0.02%	0.003%

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Peak Location: TOP

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

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 Title : VOC Analysis

77	9.998	2784	2786	2787	rBV	209	87	0.01%	0.002%
78	10.153	2822	2834	2865	rBV	169996	280643	46.08%	6.483%
79	10.323	2878	2887	2899	rBV2	4331	7251	1.19%	0.168%
80	10.452	2924	2927	2931	rBV2	214	221	0.04%	0.005%
81	10.497	2939	2941	2942	rBV	361	138	0.02%	0.003%
82	10.516	2943	2947	2953	rVB3	1249	1453	0.24%	0.034%
83	10.850	3048	3051	3055	rBV3	355	215	0.04%	0.005%
84	11.008	3095	3100	3101	rBV2	338	270	0.04%	0.006%
85	11.120	3131	3135	3136	rBV	357	225	0.04%	0.005%
86	11.185	3145	3155	3173	rBV	122992	204968	33.65%	4.735%
87	11.426	3228	3230	3232	rBV	371	179	0.03%	0.004%
88	11.493	3243	3251	3262	rBV7	6284	13343	2.19%	0.308%
89	11.561	3263	3272	3291	rVB	98069	166792	27.39%	3.853%
90	12.117	3442	3445	3447	rBV3	767	570	0.09%	0.013%
91	12.194	3459	3469	3476	rBV6	2615	4503	0.74%	0.104%
92	12.300	3500	3502	3504	rBV2	531	298	0.05%	0.007%
93	12.529	3570	3573	3577	rVB3	641	492	0.08%	0.011%
94	12.619	3594	3601	3614	rVB7	4968	7919	1.30%	0.183%
95	12.751	3640	3642	3646	rBV	361	237	0.04%	0.005%
96	12.828	3659	3666	3673	rVB4	2367	3267	0.54%	0.075%
97	12.908	3689	3691	3693	rVB2	313	107	0.02%	0.002%
98	13.246	3794	3796	3798	rBV2	222	89	0.01%	0.002%
99	13.841	3975	3981	3991	rVB6	1368	2137	0.35%	0.049%
100	14.214	4094	4097	4098	rBV3	1087	705	0.12%	0.016%

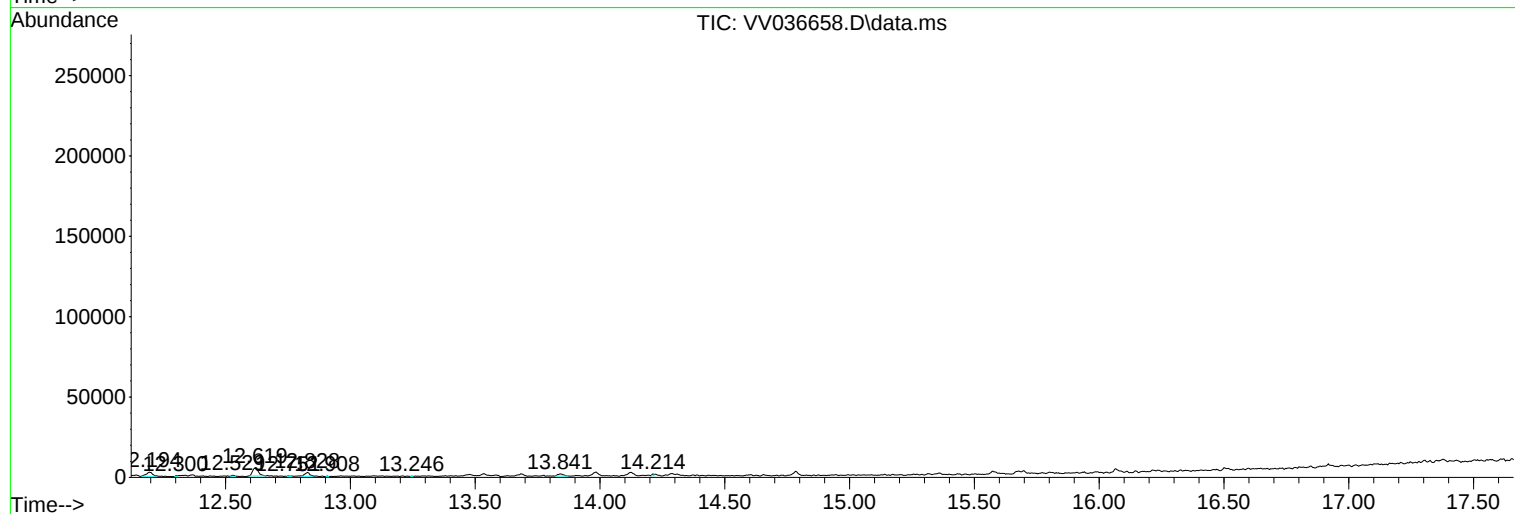
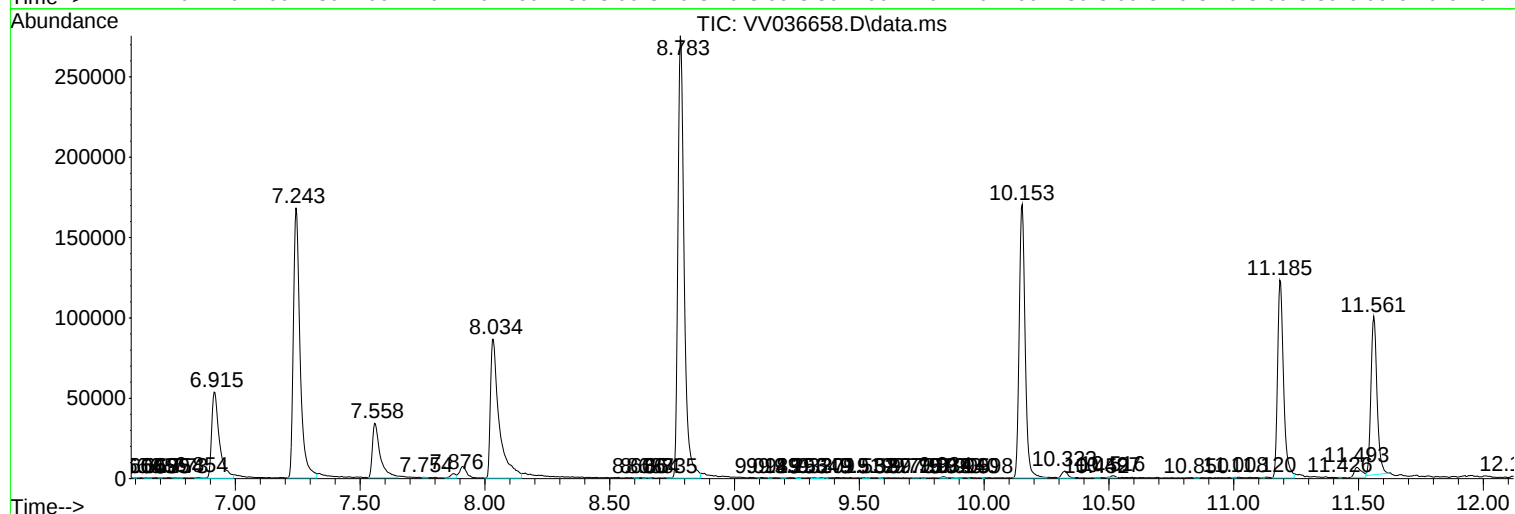
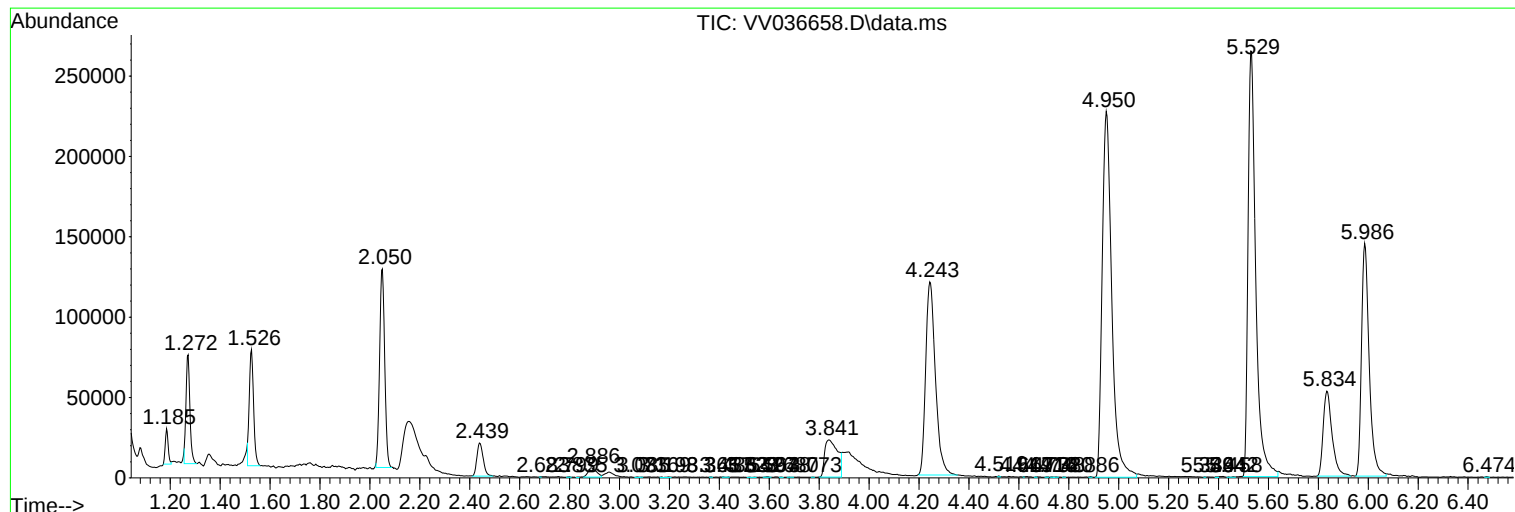
Sum of corrected areas: 4328824

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis

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



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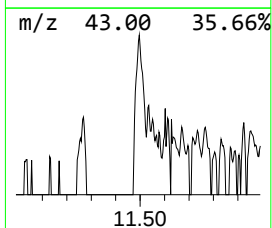
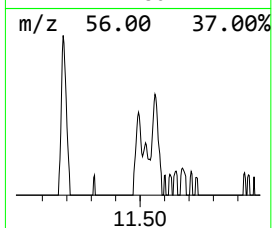
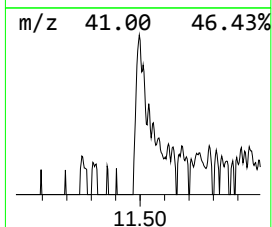
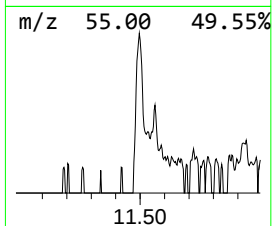
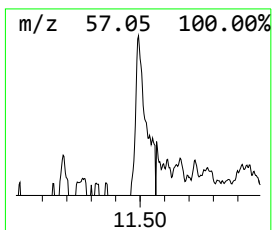
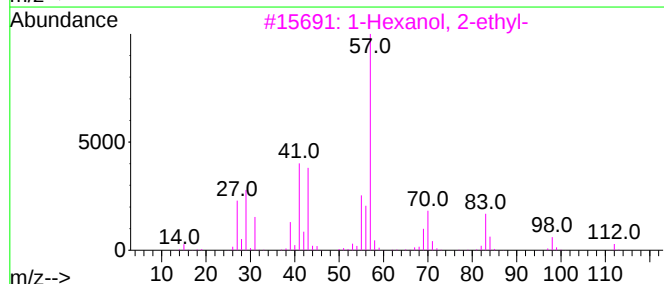
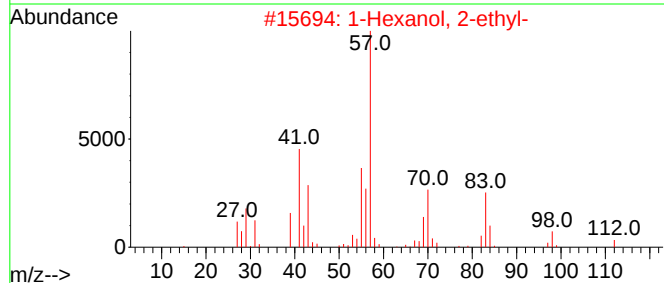
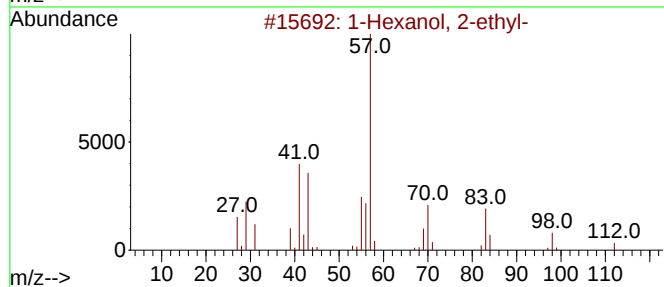
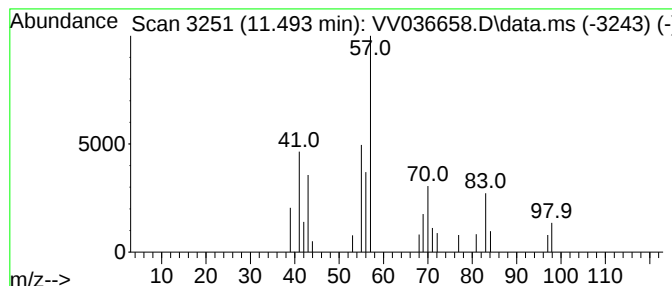
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.493	1.63 ug/L	13343	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	64
4	1-Pentanol, 2-ethyl-4-methyl-			130	C8H18O	000106-67-2	50
5	1-Octyn-3-ol, 4-ethyl-			154	C10H18O	005877-42-9	43



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Hexanol, 2-et...	11.493	1.6	ug/L	13343	3	11.188	204968	25.0