LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070324\
Data File : VV036441.D
Acq On : 03 Jul 2024 14:10
Operator : SY/MD
Sample : P3010-05
Misc : 5.07g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

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\SFAMVLM062724SMA.M
Title : VOC Analysis

Signal : TIC: VV036441.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.275	67	73	95	rVB	242863	265983	17.35%	2.346%
2	1.529	145	152	170	rVB	196512	237392	15.49%	2.094%
3	2.053	305	315	332	rBV	438308	631361	41.19%	5.569%
4	2.442	425	436	460	rBV	173788	290797	18.97%	2.565%
5	2.822	550	554	557	rBV2	352	284	0.02%	0.003%
6	2.963	585	598	614	rBV2	30939	63551	4.15%	0.561%
7	3.108	636	643	644	rBV3	660	715	0.05%	0.006%
8	3.362	719	722	725	rBV2	452	306	0.02%	0.003%
9	3.442	743	747	750	rBV2	214	153	0.01%	0.001%
10	3.497	762	764	769	rVV2	348	284	0.02%	0.003%
11	3.539	775	777	781	rVB2	292	162	0.01%	0.001%
12	3.571	782	787	788	rBV2	151	141	0.01%	0.001%
13	3.638	803	808	810	rBV3	339	249	0.02%	0.002%
14	3.667	812	817	820	rBV2	325	283	0.02%	0.002%
15	3.770	847	849	853	rVB2	245	135	0.01%	0.001%
16	3.838	853	870	915	rBV3	39135	199531	13.02%	1.760%
17	4.243	983	996	1029	rVB	249565	646109	42.15%	5.699%
18	4.716	1141	1143	1145	rBV	497	298	0.02%	0.003%
19	4.825	1173	1177	1180	rBV4	355	261	0.02%	0.002%
20	4.876	1189	1193	1196	rBV2	206	168	0.01%	0.001%
21	4.953	1199	1217	1258	rBV2	594434	1532814	100.00%	13.521%
22	5.336	1334	1336	1339	rVB3	521	158	0.01%	0.001%
23	5.436	1363	1367	1371	rBV2	731	696	0.05%	0.006%
24	5.532	1386	1397	1434	rBV	421821	891261	58.15%	7.862%
25	5.825	1477	1488	1511	rBV2	31706	75138	4.90%	0.663%
26	5.986	1524	1538	1569	rBV	341527	721204	47.05%	6.362%
27	6.503	1697	1699	1702	rBV3	287	170	0.01%	0.001%
28	6.571	1717	1720	1722	rVV2	256	164	0.01%	0.001%
29	6.613	1731	1733	1737	rVB	320	156	0.01%	0.001%
30	6.712	1758	1764	1766	rBV2	173	170	0.01%	0.001%
31	6.757	1773	1778	1779	rBV3	235	153	0.01%	0.001%
32	6.780	1782	1785	1788	rVB3	264	181	0.01%	0.002%
33	6.815	1793	1796	1798	rBV	291	163	0.01%	0.001%
34	6.860	1806	1810	1812	rBV2	305	218	0.01%	0.002%
35	6.912	1815	1826	1859	rBV	153991	307364	20.05%	2.711%
36	7.169	1904	1906	1909	rBV2	392	218	0.01%	0.002%

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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
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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Title : VOC Analysis

37	7.240	1917	1928	1955	rBV	659712	1188665	77.55%	10.485%
38	7.551	2016	2025	2056	rBV	105538	207819	13.56%	1.833%
39	7.876	2114	2126	2135	rBV2	13337	25144	1.64%	0.222%
40	7.960	2150	2152	2156	rVB2	378	270	0.02%	0.002%
41	8.031	2166	2174	2212	rBV	110506	256156	16.71%	2.259%
42	8.497	2317	2319	2322	rVB2	661	367	0.02%	0.003%
43	8.519	2322	2326	2330	rBV2	647	563	0.04%	0.005%
44	8.567	2334	2341	2343	rVB3	625	677	0.04%	0.006%
45	8.580	2343	2345	2347	rBV	467	266	0.02%	0.002%
46	8.596	2348	2350	2353	rBV2	385	281	0.02%	0.002%
47	8.696	2378	2381	2382	rBV	235	149	0.01%	0.001%
48	8.712	2382	2386	2388	rVB3	501	359	0.02%	0.003%
49	8.731	2388	2392	2393	rBV	335	215	0.01%	0.002%
50	8.783	2397	2408	2450	rBV	699364	1173569	76.56%	10.352%
51	9.079	2497	2500	2501	rBV2	757	442	0.03%	0.004%
52	9.217	2540	2543	2545	rVB2	368	175	0.01%	0.002%
53	9.239	2545	2550	2555	rBV3	552	693	0.05%	0.006%
54	9.262	2555	2557	2560	rVV2	353	212	0.01%	0.002%
55	9.355	2582	2586	2588	rBV2	333	237	0.02%	0.002%
56	9.423	2605	2607	2609	rBV3	322	196	0.01%	0.002%
57	9.490	2622	2628	2636	rBV4	1104	2103	0.14%	0.019%
58	9.545	2643	2645	2648	rVV3	498	206	0.01%	0.002%
59	9.571	2651	2653	2657	rBV	183	148	0.01%	0.001%
60	9.590	2657	2659	2662	rVB3	315	135	0.01%	0.001%
61	9.606	2662	2664	2667	rBV2	270	183	0.01%	0.002%
62	9.786	2718	2720	2723	rVV	354	169	0.01%	0.001%
63	9.821	2728	2731	2734	rVB3	217	151	0.01%	0.001%
64	9.873	2738	2747	2753	rBV4	1319	1716	0.11%	0.015%
65	9.989	2781	2783	2786	rVB	366	148	0.01%	0.001%
66	10.066	2805	2807	2811	rBV	256	158	0.01%	0.001%
67	10.149	2821	2833	2863	rVV	274705	448898	29.29%	3.960%
68	10.323	2878	2887	2898	rVB	16640	26623	1.74%	0.235%
69	10.416	2913	2916	2922	rBB2	288	245	0.02%	0.002%
70	10.445	2922	2925	2931	rBV3	458	276	0.02%	0.002%
71	10.545	2951	2956	2957	rBV3	191	166	0.01%	0.001%
72	10.622	2977	2980	2982	rBV2	195	151	0.01%	0.001%
73	10.657	2988	2991	2995	rBV2	354	206	0.01%	0.002%
74	10.744	3010	3018	3023	rBV3	986	1207	0.08%	0.011%
75	10.866	3048	3056	3060	rBV3	1183	1711	0.11%	0.015%
76	10.899	3060	3066	3072	rVV4	1433	2006	0.13%	0.018%

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ClientSampleId :
VHBLK001

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\SFAMVLM062724SMA.M
Title : VOC Analysis

77	11.021	3101	3104	3106	rBV2	303	165	0.01%	0.001%
78	11.056	3112	3115	3117	rBV2	617	389	0.03%	0.003%
79	11.079	3119	3122	3124	rBV3	750	449	0.03%	0.004%
80	11.127	3132	3137	3143	rBV5	2530	3021	0.20%	0.027%
81	11.182	3143	3154	3184	rBV	648036	1032019	67.33%	9.103%
82	11.558	3256	3271	3304	rBV	656755	1054697	68.81%	9.303%
83	11.953	3392	3394	3400	rBV3	338	254	0.02%	0.002%
84	12.104	3438	3441	3444	rBV3	438	231	0.02%	0.002%
85	12.194	3462	3469	3478	rVB2	5537	7689	0.50%	0.068%
86	12.464	3550	3553	3559	rBV2	429	360	0.02%	0.003%
87	12.490	3559	3561	3563	rBV	404	247	0.02%	0.002%
88	12.535	3571	3575	3579	rBV3	556	561	0.04%	0.005%
89	12.567	3579	3585	3586	rBV2	1265	1086	0.07%	0.010%
90	12.751	3640	3642	3646	rVB3	503	251	0.02%	0.002%
91	12.825	3660	3665	3678	rVB6	2389	3057	0.20%	0.027%
92	12.950	3702	3704	3707	rBV2	423	336	0.02%	0.003%
93	13.191	3777	3779	3780	rBV	416	162	0.01%	0.001%
94	13.265	3800	3802	3804	rBV2	494	241	0.02%	0.002%
95	13.326	3816	3821	3822	rBV3	600	534	0.03%	0.005%
96	13.638	3916	3918	3920	rBV	294	144	0.01%	0.001%
97	13.683	3924	3932	3944	rVB2	12148	16753	1.09%	0.148%
98	13.770	3957	3959	3961	rBV	343	151	0.01%	0.001%
99	13.879	3991	3993	3995	rBV2	370	175	0.01%	0.002%
100	14.120	4062	4068	4075	rBV7	1646	2473	0.16%	0.022%

Sum of corrected areas: 11336897

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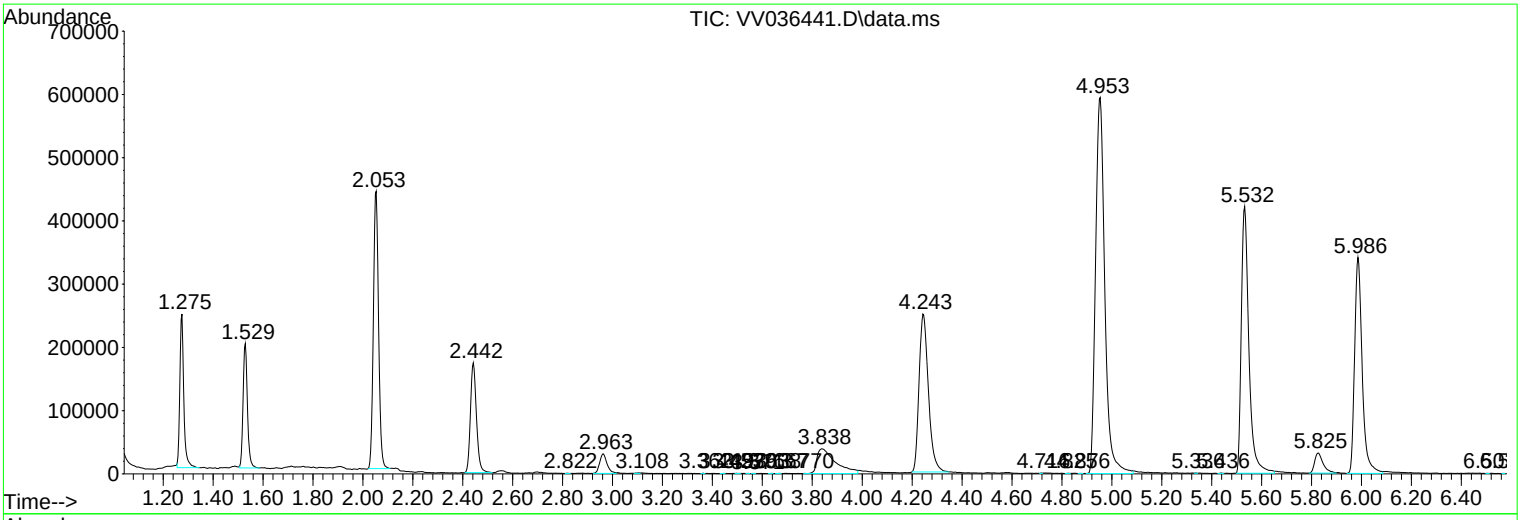
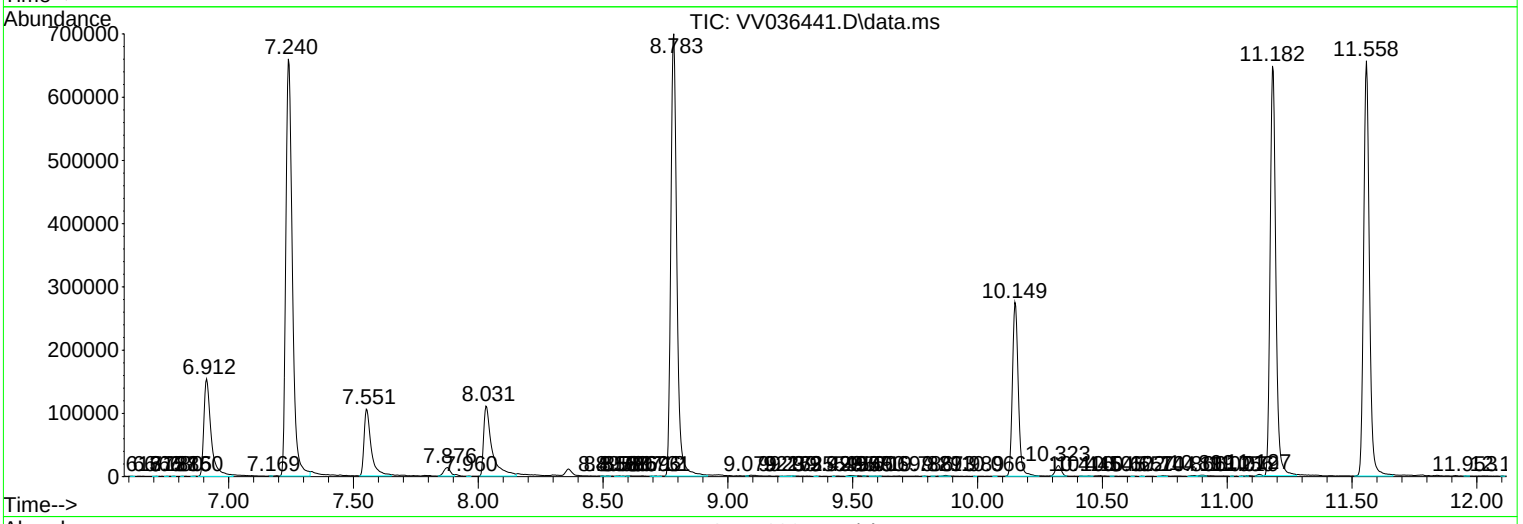
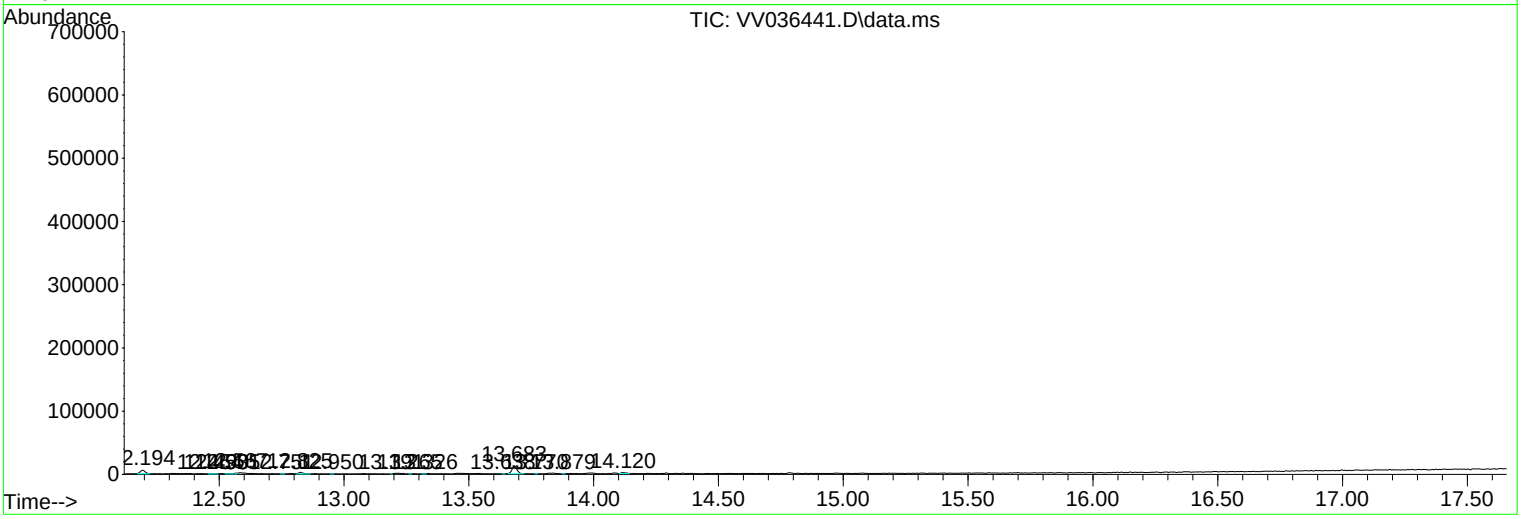
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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







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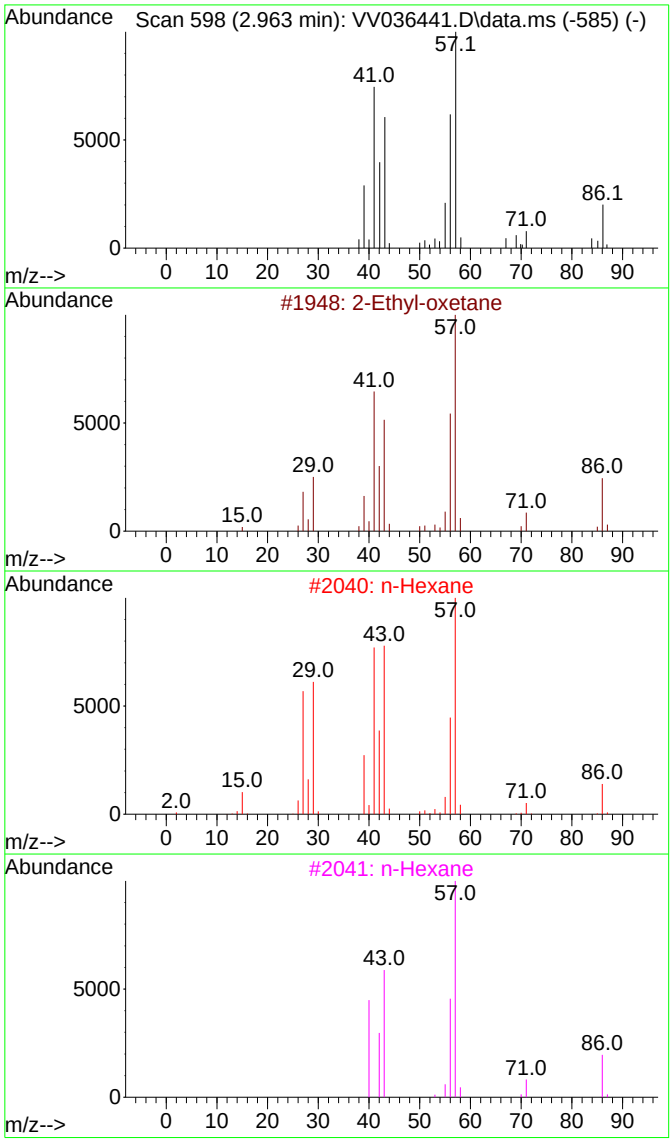
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

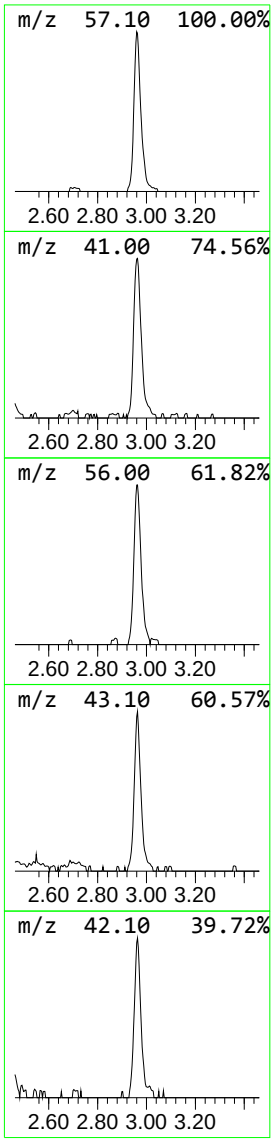
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Ethyl-oxetane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	1.78 ug/L	63551	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	90
2	n-Hexane	86	C6H14	000110-54-3	86
3	n-Hexane	86	C6H14	000110-54-3	72
4	n-Hexane	86	C6H14	000110-54-3	72
5	n-Hexane	86	C6H14	000110-54-3	59





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Ethyl-oxetane	2.963	1.8	ug/L	63551	1	5.532	891261	25.0