LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
Data File : VV036204.D
Acq On : 21 Jun 2024 14:09
Operator : SY/MD
Sample : VIBLK299
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK299

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\SFAMVLM053024SMA.M
Title : VOC Analysis

Signal : TIC: VV036204.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	88	rVB	176326	194837	14.70%	1.998%
2	1.526	145	151	164	rVB	155284	183724	13.86%	1.884%
3	2.050	305	314	335	rVB	334824	503938	38.01%	5.169%
4	2.439	427	435	457	rVB	90989	159228	12.01%	1.633%
5	2.960	584	597	617	rBV2	33511	69970	5.28%	0.718%
6	3.211	670	675	677	rBV	229	198	0.01%	0.002%
7	3.297	698	702	704	rBV2	433	401	0.03%	0.004%
8	3.339	713	715	717	rBV	249	88	0.01%	0.001%
9	3.358	717	721	722	rBV2	391	197	0.01%	0.002%
10	3.371	723	725	728	rVB2	262	125	0.01%	0.001%
11	3.629	803	805	807	rBV	252	132	0.01%	0.001%
12	3.690	819	824	828	rVB2	450	399	0.03%	0.004%
13	3.831	849	868	906	rBV4	79103	342294	25.82%	3.511%
14	4.243	982	996	1030	rVB	212060	556654	41.99%	5.709%
15	4.719	1138	1144	1146	rBV4	1182	922	0.07%	0.009%
16	4.809	1169	1172	1177	rBV5	457	333	0.03%	0.003%
17	4.895	1195	1199	1201	rBV3	712	452	0.03%	0.005%
18	4.950	1201	1216	1258	rVV2	505291	1325687	100.00%	13.597%
19	5.239	1304	1306	1310	rBV3	453	256	0.02%	0.003%
20	5.259	1310	1312	1314	rBV2	494	227	0.02%	0.002%
21	5.346	1334	1339	1345	rVB3	610	926	0.07%	0.009%
22	5.374	1345	1348	1349	rBV	203	107	0.01%	0.001%
23	5.532	1386	1397	1429	rBV	334491	711947	53.70%	7.302%
24	5.825	1478	1488	1515	rBV3	26189	61219	4.62%	0.628%
25	5.985	1525	1538	1564	rBV	294532	620433	46.80%	6.364%
26	6.278	1627	1629	1632	rVB2	927	507	0.04%	0.005%
27	6.294	1632	1634	1636	rBV2	437	255	0.02%	0.003%
28	6.342	1646	1649	1652	rBV3	463	328	0.02%	0.003%
29	6.362	1652	1655	1662	rBV4	693	687	0.05%	0.007%
30	6.397	1662	1666	1670	rVB3	612	548	0.04%	0.006%
31	6.423	1670	1674	1675	rBV	313	187	0.01%	0.002%
32	6.445	1675	1681	1682	rBV3	677	659	0.05%	0.007%
33	6.487	1691	1694	1698	rVB3	232	163	0.01%	0.002%
34	6.583	1722	1724	1725	rBV	221	108	0.01%	0.001%
35	6.667	1748	1750	1753	rVB2	305	107	0.01%	0.001%
36	6.718	1765	1766	1767	rBV2	328	102	0.01%	0.001%

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK299

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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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Title : VOC Analysis

37	6.738	1767	1772	1775	rVV5	611	649	0.05%	0.007%
38	6.770	1778	1782	1786	rVV3	609	451	0.03%	0.005%
39	6.808	1792	1794	1798	rVB2	267	182	0.01%	0.002%
40	6.911	1816	1826	1858	rBV	135202	270709	20.42%	2.777%
41	7.239	1918	1928	1949	rBV	542502	977603	73.74%	10.027%
42	7.554	2017	2026	2052	rBV	91412	176376	13.30%	1.809%
43	7.876	2115	2126	2144	rBV3	32122	64591	4.87%	0.662%
44	7.995	2161	2163	2165	rBV2	307	148	0.01%	0.002%
45	8.030	2165	2174	2217	rBV	122864	274758	20.73%	2.818%
46	8.361	2269	2277	2289	rVB	23374	39202	2.96%	0.402%
47	8.574	2341	2343	2344	rBV	589	198	0.01%	0.002%
48	8.625	2357	2359	2360	rVB	213	43	0.00%	0.000%
49	8.641	2360	2364	2365	rBV3	418	300	0.02%	0.003%
50	8.664	2367	2371	2373	rVB3	630	397	0.03%	0.004%
51	8.783	2397	2408	2449	rBV	536089	918266	69.27%	9.418%
52	9.091	2498	2504	2517	rVB7	4436	8062	0.61%	0.083%
53	9.284	2561	2564	2565	rBV2	376	234	0.02%	0.002%
54	9.320	2573	2575	2577	rBV2	327	105	0.01%	0.001%
55	9.390	2595	2597	2599	rBV2	204	126	0.01%	0.001%
56	9.490	2621	2628	2632	rBV5	2779	3893	0.29%	0.040%
57	9.686	2687	2689	2693	rBV3	347	189	0.01%	0.002%
58	9.731	2701	2703	2705	rBV4	373	147	0.01%	0.002%
59	9.831	2732	2734	2735	rBV	371	138	0.01%	0.001%
60	9.869	2743	2746	2748	rBV2	630	357	0.03%	0.004%
61	9.953	2771	2772	2775	rBV2	217	123	0.01%	0.001%
62	9.985	2781	2782	2784	rBV	268	127	0.01%	0.001%
63	10.004	2786	2788	2790	rVV	334	146	0.01%	0.001%
64	10.021	2791	2793	2797	rVB3	363	203	0.02%	0.002%
65	10.040	2797	2799	2802	rBV2	350	222	0.02%	0.002%
66	10.107	2818	2820	2822	rBV2	245	110	0.01%	0.001%
67	10.152	2822	2834	2850	rBV	253131	410460	30.96%	4.210%
68	10.323	2876	2887	2900	rVB	35870	61025	4.60%	0.626%
69	10.374	2900	2903	2909	rBV2	365	333	0.03%	0.003%
70	10.413	2913	2915	2919	rBV2	374	275	0.02%	0.003%
71	10.538	2952	2954	2956	rBV	367	211	0.02%	0.002%
72	10.593	2969	2971	2976	rVB2	586	347	0.03%	0.004%
73	10.625	2976	2981	2985	rBV3	550	696	0.05%	0.007%
74	10.644	2985	2987	2988	rBV2	303	123	0.01%	0.001%
75	10.715	3007	3009	3011	rBV2	497	239	0.02%	0.002%
76	10.792	3029	3033	3036	rVB2	373	313	0.02%	0.003%

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Instrument :
MSVOA_V
ClientSampleId :
VIBLK299

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\SFAMVLM053024SMA.M
Title : VOC Analysis

77	10.908	3066	3069	3072	rBV2	633	356	0.03%	0.004%
78	10.950	3077	3082	3085	rBV2	259	239	0.02%	0.002%
79	10.966	3085	3087	3090	rVB2	276	156	0.01%	0.002%
80	10.982	3090	3092	3093	rBV	367	145	0.01%	0.001%
81	11.037	3104	3109	3112	rBV3	495	470	0.04%	0.005%
82	11.127	3128	3137	3144	rBV3	11935	19430	1.47%	0.199%
83	11.185	3145	3155	3177	rVV	482592	790806	59.65%	8.111%
84	11.557	3259	3271	3301	rBV	536687	862017	65.02%	8.841%
85	11.837	3355	3358	3360	rBV2	831	699	0.05%	0.007%
86	12.072	3428	3431	3435	rBV2	579	482	0.04%	0.005%
87	12.191	3458	3468	3484	rBV2	11298	19137	1.44%	0.196%
88	12.525	3570	3572	3574	rBV	867	538	0.04%	0.006%
89	12.574	3580	3587	3588	rBV5	2054	1744	0.13%	0.018%
90	12.622	3600	3602	3606	rBV2	574	386	0.03%	0.004%
91	12.680	3617	3620	3624	rVB2	527	341	0.03%	0.003%
92	13.204	3775	3783	3793	rBV3	6935	11920	0.90%	0.122%
93	13.303	3811	3814	3816	rBV2	662	386	0.03%	0.004%
94	13.442	3848	3857	3878	rBV	29897	53340	4.02%	0.547%
95	13.683	3923	3932	3942	rVB2	22028	31937	2.41%	0.328%
96	13.869	3988	3990	3996	rVB3	761	625	0.05%	0.006%
97	13.982	4019	4025	4031	rBV2	2884	4193	0.32%	0.043%

Sum of corrected areas: 9749769

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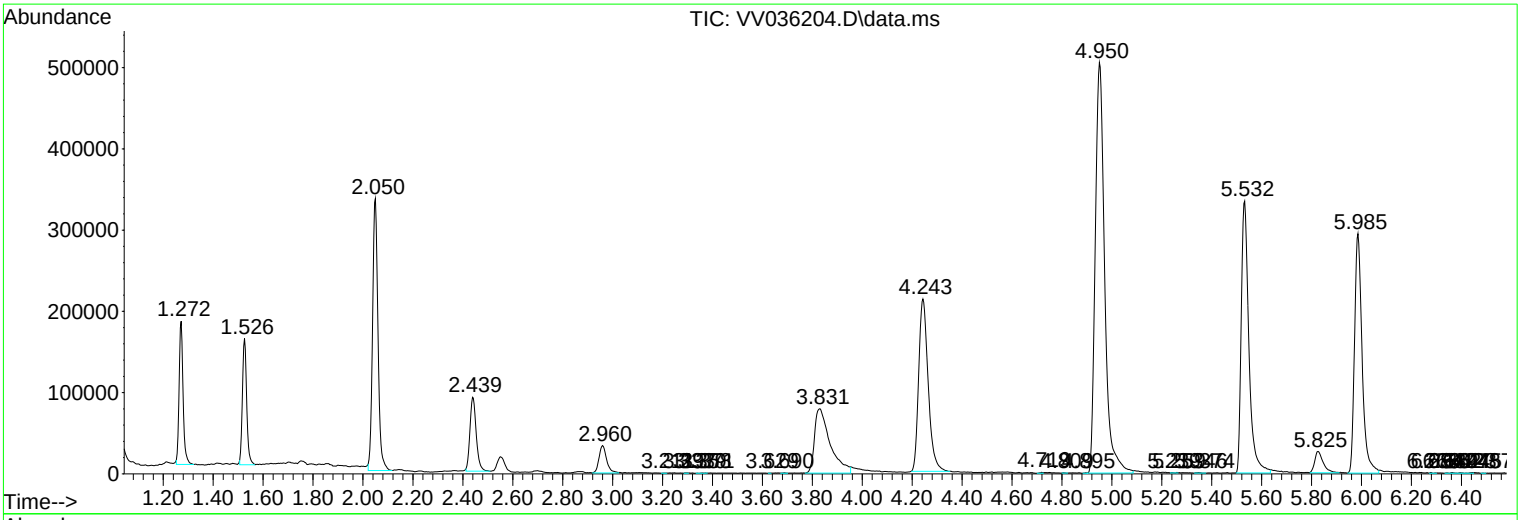
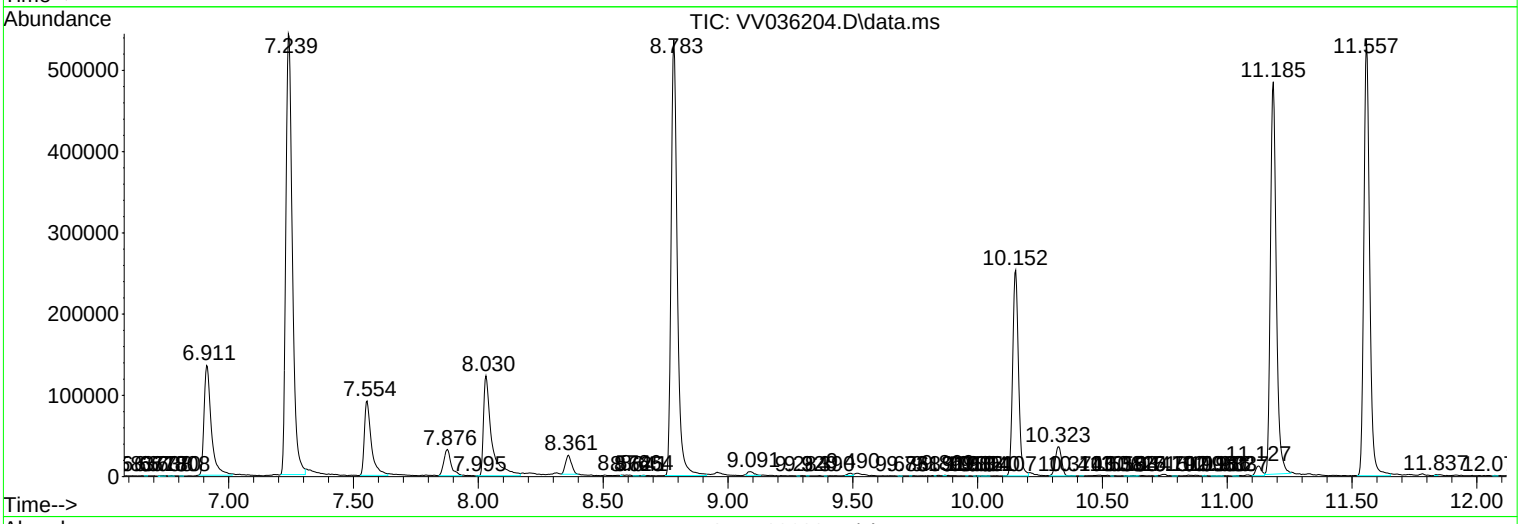
ALS Vial : 11 Sample Multiplier: 1

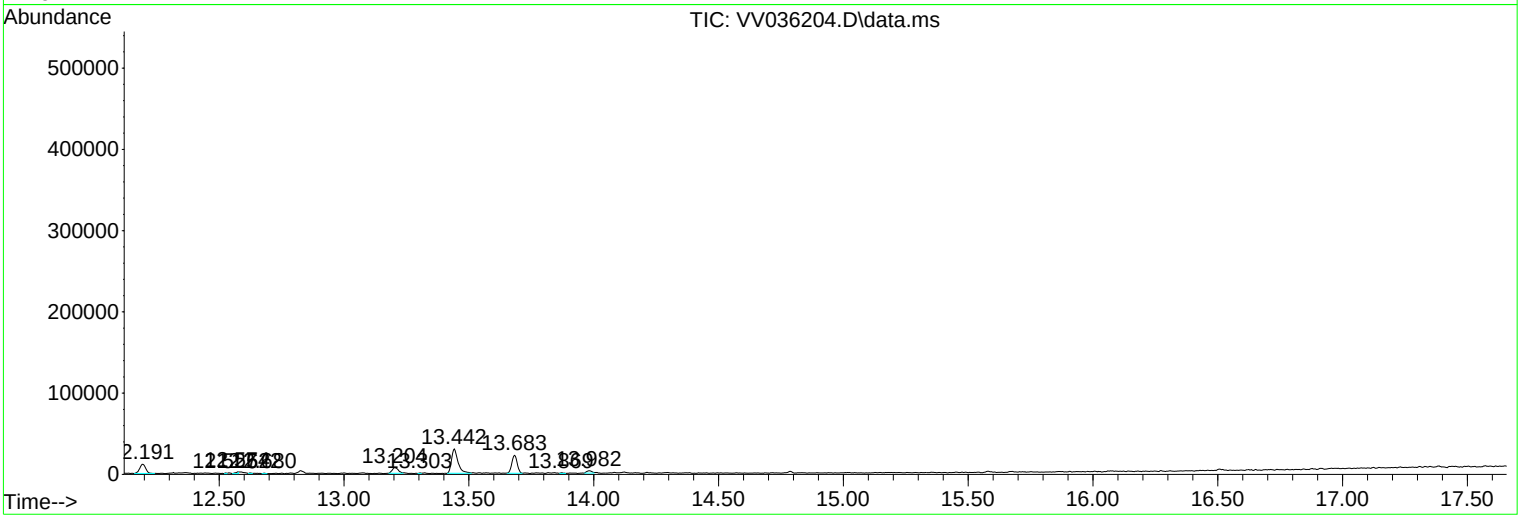
Instrument :
MSVOA_V
ClientSampleId :
VIBLK299

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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







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Quant Title : VOC Analysis

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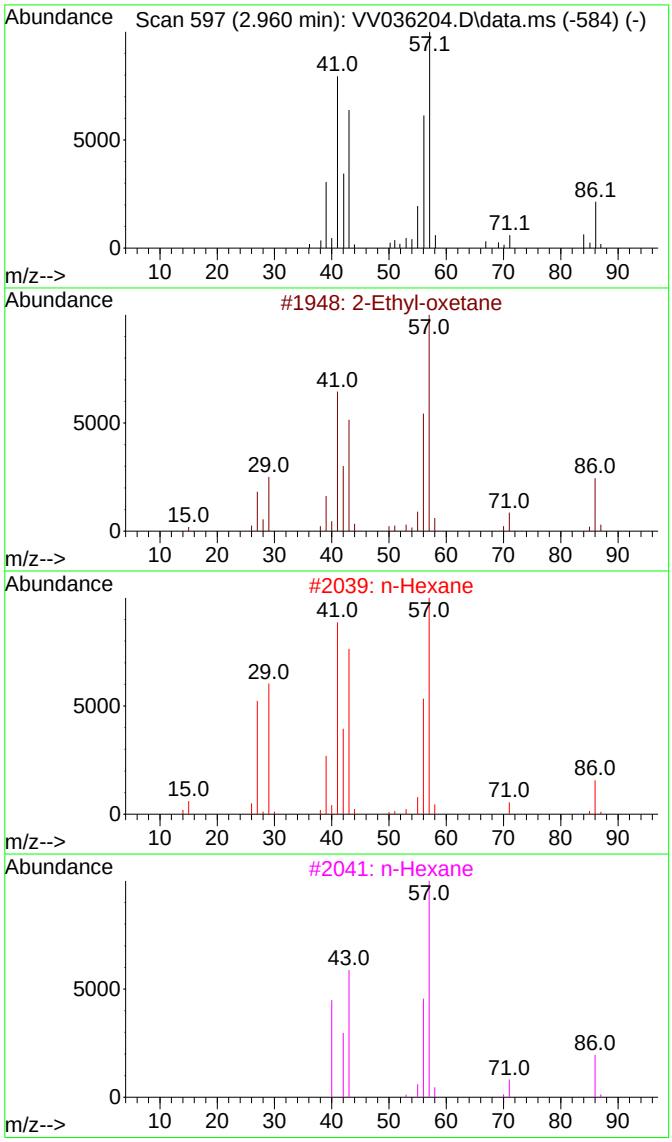
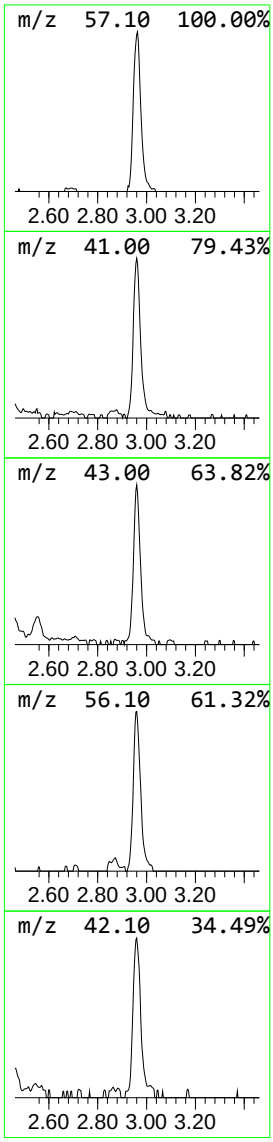
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.960	2.46 ug/L	69970	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	86
2	n-Hexane	86	C6H14	000110-54-3	78
3	n-Hexane	86	C6H14	000110-54-3	64
4	n-Hexane	86	C6H14	000110-54-3	59
5	n-Hexane	86	C6H14	000110-54-3	45





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	2.960	2.5	ug/L	69970	1	5.532	711947	25.0