LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035984.D
Acq On : 06 Jun 2024 13:55
Operator : SY/MD
Sample : VIBLK291
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK291

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: VV035984.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	267351	291017	16.65%	2.272%
2	1.526	144	151	163	rVB	221831	262084	14.99%	2.046%
3	2.050	305	314	335	rVB	471827	706329	40.40%	5.514%
4	2.313	394	396	398	rBV3	562	266	0.02%	0.002%
5	2.442	424	436	455	rBV	115314	201937	11.55%	1.576%
6	2.699	506	516	526	rBV8	2535	4864	0.28%	0.038%
7	2.963	584	598	616	rBV2	27667	60466	3.46%	0.472%
8	3.043	621	623	627	rVB3	531	355	0.02%	0.003%
9	3.069	628	631	634	rVB5	689	420	0.02%	0.003%
10	3.114	642	645	647	rBV	391	222	0.01%	0.002%
11	3.275	689	695	700	rVB2	368	432	0.02%	0.003%
12	3.301	700	703	706	rBV	295	261	0.01%	0.002%
13	3.612	797	800	803	rBV2	539	482	0.03%	0.004%
14	3.629	803	805	810	rVB	320	220	0.01%	0.002%
15	3.696	824	826	829	rBV2	381	223	0.01%	0.002%
16	3.751	840	843	847	rVB3	291	243	0.01%	0.002%
17	3.844	854	872	913	rBV2	24567	127171	7.27%	0.993%
18	4.246	980	997	1034	rBV	280801	752176	43.02%	5.872%
19	4.487	1070	1072	1075	rVB2	442	226	0.01%	0.002%
20	4.506	1075	1078	1080	rBV2	498	354	0.02%	0.003%
21	4.657	1122	1125	1127	rBV2	322	237	0.01%	0.002%
22	4.719	1141	1144	1145	rBV	572	275	0.02%	0.002%
23	4.953	1201	1217	1256	rBV2	683401	1748237	100.00%	13.647%
24	5.352	1338	1341	1347	rVB4	430	355	0.02%	0.003%
25	5.416	1358	1361	1362	rBV	485	268	0.02%	0.002%
26	5.452	1368	1372	1376	rBV4	576	555	0.03%	0.004%
27	5.532	1386	1397	1433	rBV	535563	1136797	65.03%	8.874%
28	5.828	1478	1489	1508	rBV3	30998	71387	4.08%	0.557%
29	5.985	1525	1538	1572	rBV	385109	818548	46.82%	6.390%
30	6.272	1625	1627	1633	rVV3	474	446	0.03%	0.003%
31	6.294	1633	1634	1638	rVB	763	404	0.02%	0.003%
32	6.323	1638	1643	1644	rBV3	526	412	0.02%	0.003%
33	6.352	1650	1652	1654	rVB	552	224	0.01%	0.002%
34	6.368	1654	1657	1662	rBV3	417	314	0.02%	0.002%
35	6.435	1676	1678	1679	rBV	664	283	0.02%	0.002%
36	6.513	1696	1702	1705	rBV2	385	340	0.02%	0.003%

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK291

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

37	6.529	1705	1707	1713	rVB3	511	414	0.02%	0.003%
38	6.561	1713	1717	1719	rBV2	292	250	0.01%	0.002%
39	6.670	1747	1751	1755	rBV4	1013	774	0.04%	0.006%
40	6.696	1755	1759	1761	rBV4	594	394	0.02%	0.003%
41	6.821	1792	1798	1802	rBV2	409	329	0.02%	0.003%
42	6.844	1802	1805	1809	rVB2	393	263	0.02%	0.002%
43	6.866	1809	1812	1816	rBV3	403	380	0.02%	0.003%
44	6.911	1816	1826	1861	rBV	173743	350171	20.03%	2.734%
45	7.243	1917	1929	1961	rBV	738579	1336920	76.47%	10.436%
46	7.554	2017	2026	2052	rBV	114897	221946	12.70%	1.733%
47	7.799	2095	2102	2104	rBV6	800	951	0.05%	0.007%
48	7.873	2116	2125	2134	rBV2	8109	14609	0.84%	0.114%
49	8.034	2166	2175	2215	rBV	122850	296383	16.95%	2.314%
50	8.287	2251	2254	2260	rBV5	850	932	0.05%	0.007%
51	8.365	2276	2278	2284	rVB3	1296	954	0.05%	0.007%
52	8.423	2294	2296	2298	rBV2	584	383	0.02%	0.003%
53	8.554	2335	2337	2339	rVV3	517	248	0.01%	0.002%
54	8.657	2366	2369	2373	rVB2	381	216	0.01%	0.002%
55	8.783	2397	2408	2439	rBV	859928	1415080	80.94%	11.047%
56	9.066	2494	2496	2498	rBV	473	255	0.01%	0.002%
57	9.095	2498	2505	2506	rBV6	1541	1599	0.09%	0.012%
58	9.152	2520	2523	2527	rBV4	630	468	0.03%	0.004%
59	9.387	2593	2596	2598	rBV2	364	247	0.01%	0.002%
60	9.426	2604	2608	2611	rBV3	545	531	0.03%	0.004%
61	9.490	2622	2628	2635	rBV6	1599	2810	0.16%	0.022%
62	9.632	2669	2672	2675	rVB3	341	214	0.01%	0.002%
63	9.834	2733	2735	2739	rVB3	667	353	0.02%	0.003%
64	9.876	2739	2748	2753	rBV6	2070	3101	0.18%	0.024%
65	9.966	2772	2776	2779	rBV2	333	256	0.01%	0.002%
66	10.017	2788	2792	2796	rBV4	567	508	0.03%	0.004%
67	10.046	2796	2801	2803	rBV3	328	326	0.02%	0.003%
68	10.152	2822	2834	2865	rBV	303018	498126	28.49%	3.889%
69	10.323	2877	2887	2900	rVB	13870	22732	1.30%	0.177%
70	10.484	2930	2937	2947	rBV5	1809	2856	0.16%	0.022%
71	10.609	2971	2976	2979	rBV	273	333	0.02%	0.003%
72	10.725	3007	3012	3015	rBV4	457	441	0.03%	0.003%
73	10.776	3025	3028	3031	rBV3	369	272	0.02%	0.002%
74	10.792	3031	3033	3037	rVV	361	255	0.01%	0.002%
75	10.866	3044	3056	3062	rBV5	2357	3888	0.22%	0.030%
76	11.133	3130	3139	3144	rBV6	2969	4872	0.28%	0.038%

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Instrument :
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ClientSampleId :
VIBLK291

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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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	11.185	3144	3155	3183	rVV	777953	1240740	70.97%	9.686%
78	11.442	3234	3235	3239	rVB	541	292	0.02%	0.002%
79	11.464	3239	3242	3244	rBV2	370	272	0.02%	0.002%
80	11.557	3258	3271	3294	rBV	704038	1114211	63.73%	8.698%
81	11.918	3381	3383	3385	rBV4	624	301	0.02%	0.002%
82	12.024	3414	3416	3420	rVB4	551	392	0.02%	0.003%
83	12.091	3434	3437	3440	rVB2	557	379	0.02%	0.003%
84	12.194	3460	3469	3480	rVB	13293	21285	1.22%	0.166%
85	12.355	3516	3519	3521	rBV2	411	259	0.01%	0.002%
86	12.451	3546	3549	3551	rBV2	520	364	0.02%	0.003%
87	12.522	3568	3571	3578	rBV4	516	562	0.03%	0.004%
88	12.590	3587	3592	3597	rBV6	2216	2510	0.14%	0.020%
89	12.754	3640	3643	3645	rBV3	396	269	0.02%	0.002%
90	12.831	3661	3667	3676	rVB7	1758	2295	0.13%	0.018%
91	13.020	3722	3726	3729	rBV4	442	374	0.02%	0.003%
92	13.210	3778	3785	3798	rVB9	3691	6423	0.37%	0.050%
93	13.262	3798	3801	3803	rBV2	415	373	0.02%	0.003%
94	13.451	3854	3860	3872	rVB2	4151	7613	0.44%	0.059%
95	13.528	3882	3884	3890	rVB4	725	569	0.03%	0.004%
96	13.609	3907	3909	3911	rBV	438	226	0.01%	0.002%
97	13.683	3924	3932	3942	rBV2	15432	21525	1.23%	0.168%
98	13.831	3972	3978	3981	rBV5	757	887	0.05%	0.007%
99	13.982	4017	4025	4036	rVB	6173	9786	0.56%	0.076%
100	14.123	4060	4069	4076	rVB7	1996	3271	0.19%	0.026%

Sum of corrected areas: 12810048

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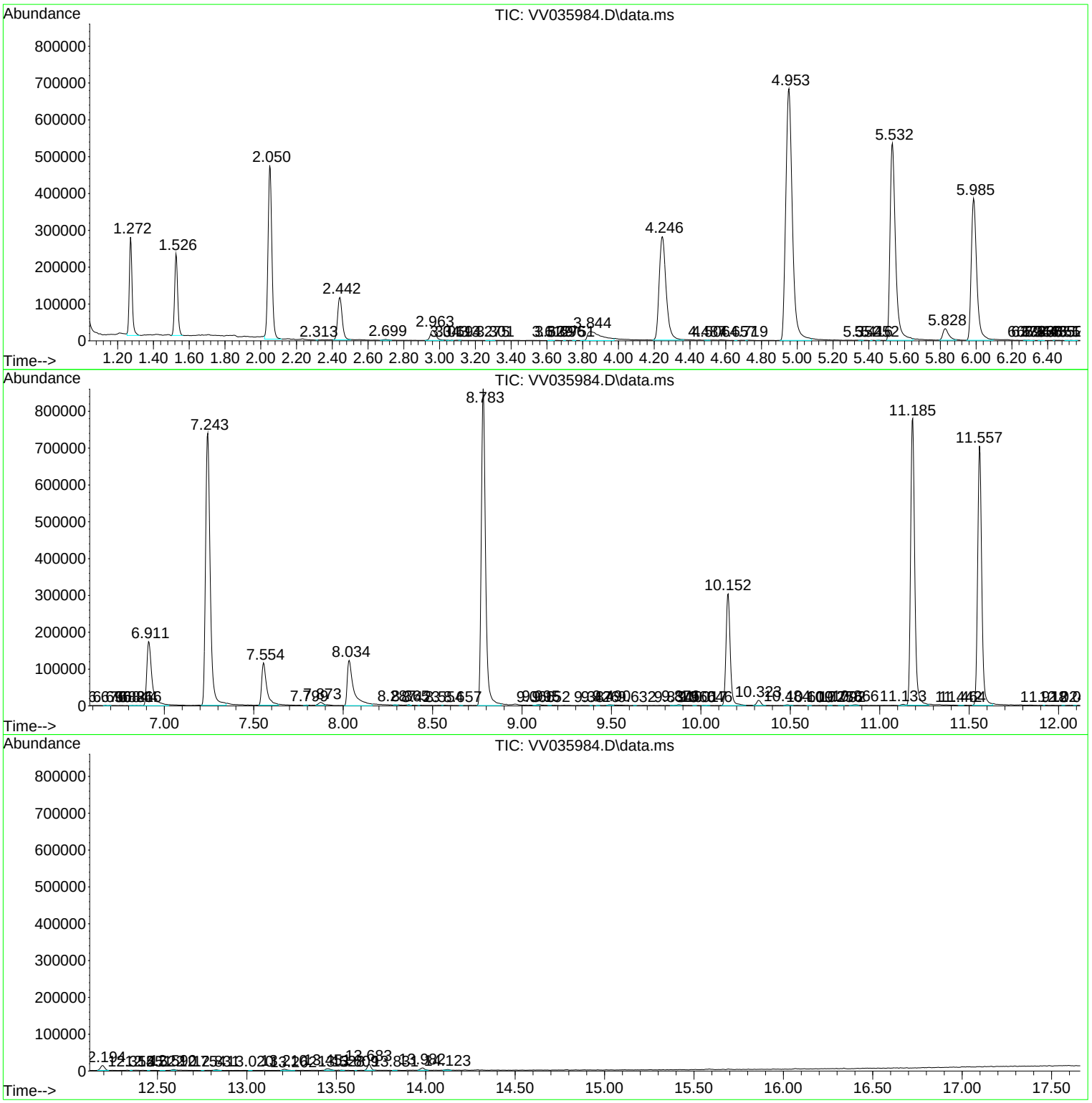
MSVOA_V
ClientSampleId :
VIBLK291

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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MSVOA_V
ClientSampleId :
VIBLK291

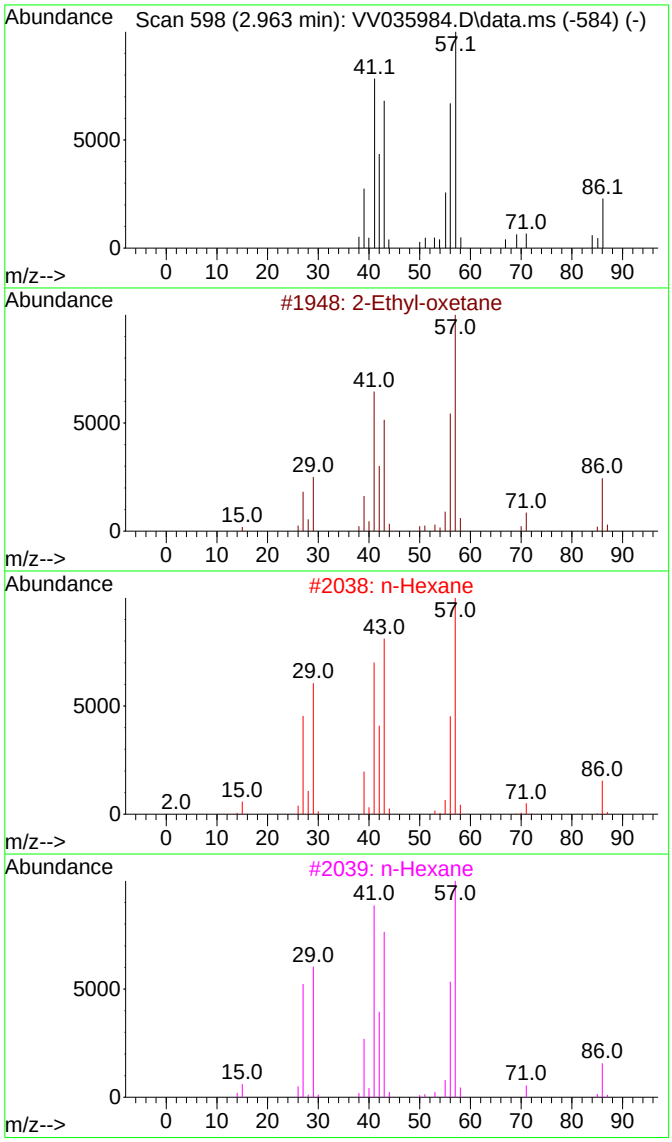
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

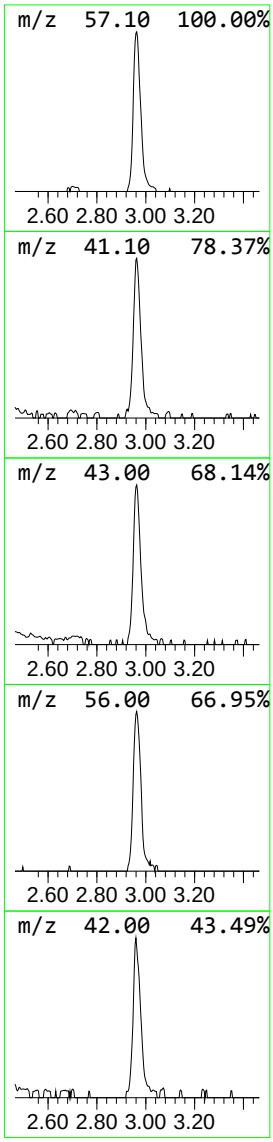
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	1.33 ug/L	60466	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	72
2	n-Hexane	86	C6H14	000110-54-3	72
3	n-Hexane	86	C6H14	000110-54-3	64
4	n-Hexane	86	C6H14	000110-54-3	53
5	n-Hexane	86	C6H14	000110-54-3	50





Tentatively Identified Compound (LSC) summary

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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Ethyl-oxetane	2.963	1.3	ug/L	60466	1	5.532	1136800	25.0