LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
Data File : VV036206.D
Acq On : 21 Jun 2024 14:55
Operator : SY/MD
Sample : P2873-10
Misc : 3.65g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 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\SFAMVLM053024SMA.M
Title : VOC Analysis

Signal : TIC: VV036206.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	68	73	91	rVB	57028	64726	15.62%	2.044%
2	2.053	308	315	328	rVB	100518	146059	35.26%	4.612%
3	2.442	427	436	457	rVB	45640	79407	19.17%	2.507%
4	2.519	457	460	462	rBV2	650	444	0.11%	0.014%
5	2.809	548	550	554	rVB2	421	232	0.06%	0.007%
6	2.847	559	562	563	rBV	575	265	0.06%	0.008%
7	2.963	590	598	613	rVB2	10685	21540	5.20%	0.680%
8	3.085	633	636	639	rVB2	487	280	0.07%	0.009%
9	3.124	644	648	650	rBV2	427	294	0.07%	0.009%
10	3.307	701	705	708	rBV3	445	279	0.07%	0.009%
11	3.378	724	727	730	rBV2	347	270	0.07%	0.009%
12	3.420	738	740	744	rVB3	437	211	0.05%	0.007%
13	3.458	749	752	755	rVB	293	205	0.05%	0.006%
14	3.590	791	793	795	rBV	298	135	0.03%	0.004%
15	3.629	803	805	808	rBV	235	131	0.03%	0.004%
16	3.648	809	811	815	rVV	230	152	0.04%	0.005%
17	3.828	851	867	906	rBV3	38270	143038	34.53%	4.516%
18	4.249	985	998	1028	rVB3	67716	182014	43.93%	5.747%
19	4.526	1081	1084	1087	rBV3	470	242	0.06%	0.008%
20	4.632	1114	1117	1119	rVV3	276	127	0.03%	0.004%
21	4.680	1129	1132	1135	rBV3	267	170	0.04%	0.005%
22	4.883	1192	1195	1198	rVB2	171	123	0.03%	0.004%
23	4.902	1198	1201	1202	rBV2	248	168	0.04%	0.005%
24	4.953	1204	1217	1248	rBV2	155568	414291	100.00%	13.081%
25	5.255	1310	1311	1316	rVB3	283	139	0.03%	0.004%
26	5.294	1319	1323	1326	rBV3	324	269	0.06%	0.008%
27	5.535	1387	1398	1427	rBV	114173	253223	61.12%	7.995%
28	5.831	1481	1490	1506	rBV5	6769	16065	3.88%	0.507%
29	5.908	1511	1514	1516	rBV3	277	155	0.04%	0.005%
30	5.924	1516	1519	1520	rBV	452	187	0.05%	0.006%
31	5.989	1526	1539	1566	rBV	91576	202761	48.94%	6.402%
32	6.165	1593	1594	1597	rBV2	425	182	0.04%	0.006%
33	6.220	1608	1611	1612	rBV2	274	126	0.03%	0.004%
34	6.249	1618	1620	1623	rVB2	332	197	0.05%	0.006%
35	6.265	1623	1625	1629	rVV3	245	184	0.04%	0.006%
36	6.474	1685	1690	1693	rBV2	255	206	0.05%	0.007%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Sampling : 1 Min Area: 0 % of largest Peak
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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Title : VOC Analysis

37	6.513	1699	1702	1704	rVB	329	165	0.04%	0.005%
38	6.548	1710	1713	1714	rVV2	243	125	0.03%	0.004%
39	6.590	1722	1726	1729	rVB3	436	239	0.06%	0.008%
40	6.606	1729	1731	1733	rBV	205	129	0.03%	0.004%
41	6.625	1736	1737	1741	rBV2	204	146	0.04%	0.005%
42	6.699	1756	1760	1763	rBV2	282	210	0.05%	0.007%
43	6.731	1766	1770	1774	rBV3	308	295	0.07%	0.009%
44	6.783	1783	1786	1790	rBV2	199	172	0.04%	0.005%
45	6.805	1790	1793	1795	rBV2	225	129	0.03%	0.004%
46	6.863	1808	1811	1815	rVB2	307	227	0.05%	0.007%
47	6.918	1815	1828	1860	rBV2	37905	85860	20.72%	2.711%
48	7.165	1901	1905	1908	rBV3	331	301	0.07%	0.010%
49	7.246	1919	1930	1957	rBV	144945	276782	66.81%	8.739%
50	7.561	2020	2028	2049	rBV2	24450	52469	12.66%	1.657%
51	7.744	2083	2085	2086	rBV2	262	127	0.03%	0.004%
52	7.767	2090	2092	2093	rBV	369	148	0.04%	0.005%
53	7.776	2093	2095	2098	rVB3	467	205	0.05%	0.006%
54	7.792	2098	2100	2104	rBV4	404	355	0.09%	0.011%
55	7.876	2114	2126	2139	rBV3	10467	20041	4.84%	0.633%
56	8.040	2169	2177	2196	rBV	28198	66336	16.01%	2.094%
57	8.468	2304	2310	2314	rBV5	515	670	0.16%	0.021%
58	8.487	2314	2316	2318	rBV2	270	138	0.03%	0.004%
59	8.667	2369	2372	2374	rBV3	556	234	0.06%	0.007%
60	8.786	2398	2409	2441	rBV	195365	346700	83.69%	10.947%
61	9.082	2498	2501	2502	rBV2	444	300	0.07%	0.009%
62	9.416	2602	2605	2607	rBV	331	228	0.06%	0.007%
63	9.477	2620	2624	2628	rBV	614	626	0.15%	0.020%
64	9.558	2646	2649	2652	rBV2	347	276	0.07%	0.009%
65	9.770	2712	2715	2720	rBV2	419	393	0.09%	0.012%
66	9.902	2753	2756	2757	rBV	231	127	0.03%	0.004%
67	9.931	2763	2765	2769	rVB3	479	291	0.07%	0.009%
68	10.027	2791	2795	2798	rBV3	409	283	0.07%	0.009%
69	10.046	2798	2801	2804	rBV2	396	298	0.07%	0.009%
70	10.114	2819	2822	2823	rBV	290	147	0.04%	0.005%
71	10.152	2824	2834	2853	rVV	93797	151537	36.58%	4.785%
72	10.323	2877	2887	2900	rVB2	16053	25891	6.25%	0.817%
73	10.377	2901	2904	2905	rBV	355	154	0.04%	0.005%
74	10.480	2933	2936	2941	rVV2	568	413	0.10%	0.013%
75	10.529	2947	2951	2953	rBV	449	344	0.08%	0.011%
76	10.590	2967	2970	2973	rBV2	375	195	0.05%	0.006%

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Title : VOC Analysis

77	10.686	2998	3000	3002	rBV	313	159	0.04%	0.005%
78	10.715	3007	3009	3010	rBV	356	160	0.04%	0.005%
79	10.937	3077	3078	3081	rBV	292	163	0.04%	0.005%
80	11.104	3128	3130	3133	rBV2	380	242	0.06%	0.008%
81	11.133	3133	3139	3145	rVV5	1305	1809	0.44%	0.057%
82	11.185	3145	3155	3178	rBV	187385	306513	73.98%	9.678%
83	11.390	3216	3219	3221	rBV2	503	272	0.07%	0.009%
84	11.461	3239	3241	3243	rBV2	504	221	0.05%	0.007%
85	11.512	3254	3257	3261	rBV3	329	302	0.07%	0.010%
86	11.561	3261	3272	3291	rBV	159865	268504	64.81%	8.478%
87	11.731	3322	3325	3328	rBV3	657	463	0.11%	0.015%
88	12.020	3412	3415	3419	rBV	442	409	0.10%	0.013%
89	12.082	3431	3434	3436	rBV	374	239	0.06%	0.008%
90	12.326	3506	3510	3512	rBV4	315	175	0.04%	0.006%
91	12.432	3536	3543	3547	rBV	479	631	0.15%	0.020%
92	12.641	3602	3608	3609	rBV	378	289	0.07%	0.009%
93	12.654	3609	3612	3614	rVV3	365	214	0.05%	0.007%
94	12.795	3652	3656	3660	rBV4	536	494	0.12%	0.016%
95	12.828	3660	3666	3673	rVB4	1679	2213	0.53%	0.070%
96	12.985	3713	3715	3720	rVB2	465	271	0.07%	0.009%
97	13.078	3741	3744	3749	rVB3	1095	881	0.21%	0.028%
98	13.368	3832	3834	3836	rBV	324	191	0.05%	0.006%
99	13.451	3852	3860	3870	rBV4	3387	5558	1.34%	0.175%
100	13.683	3926	3932	3941	rVB2	11100	14625	3.53%	0.462%

Sum of corrected areas: 3167201

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Instrument :
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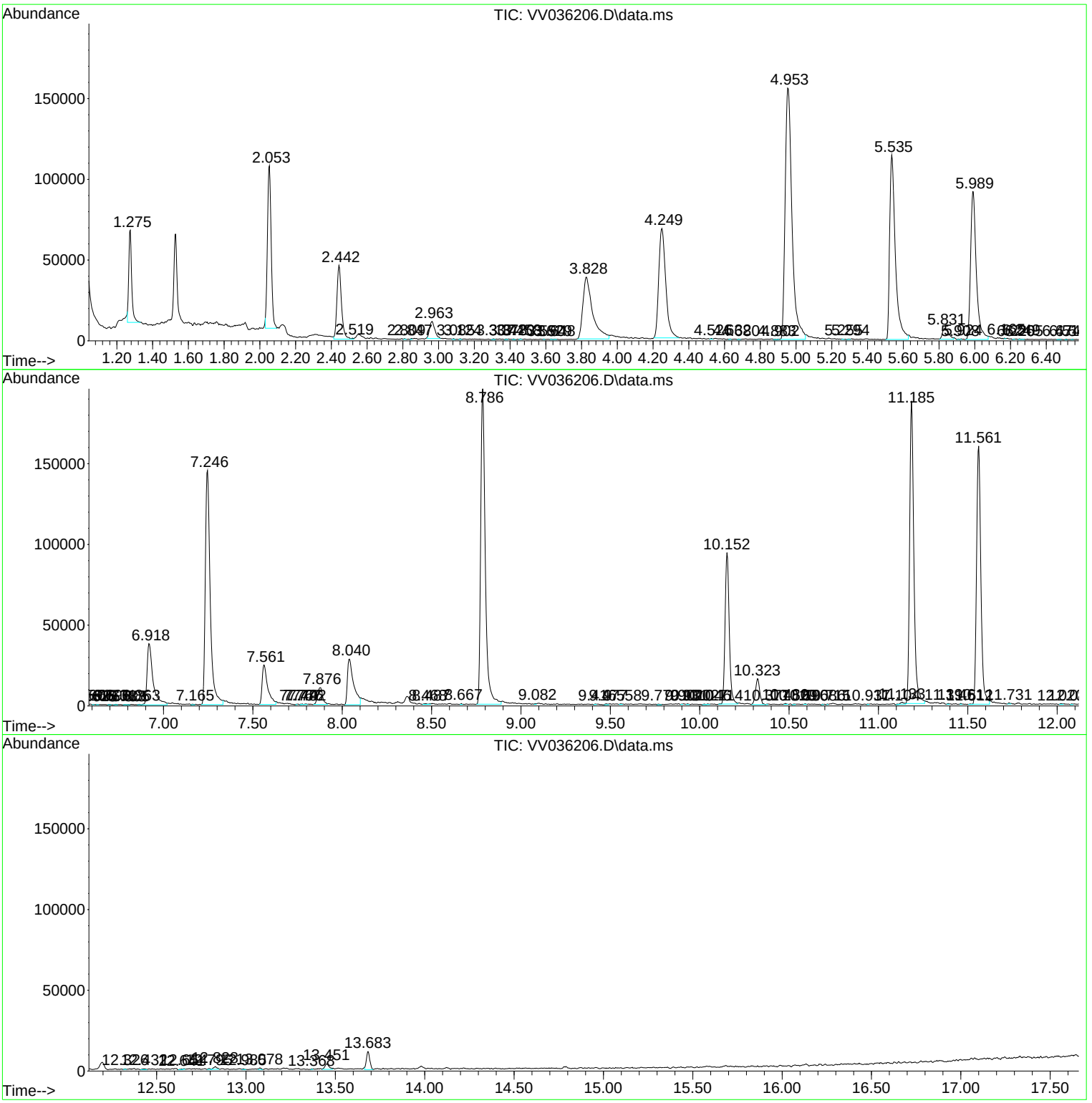
ClientSampleId :
VHBLK001

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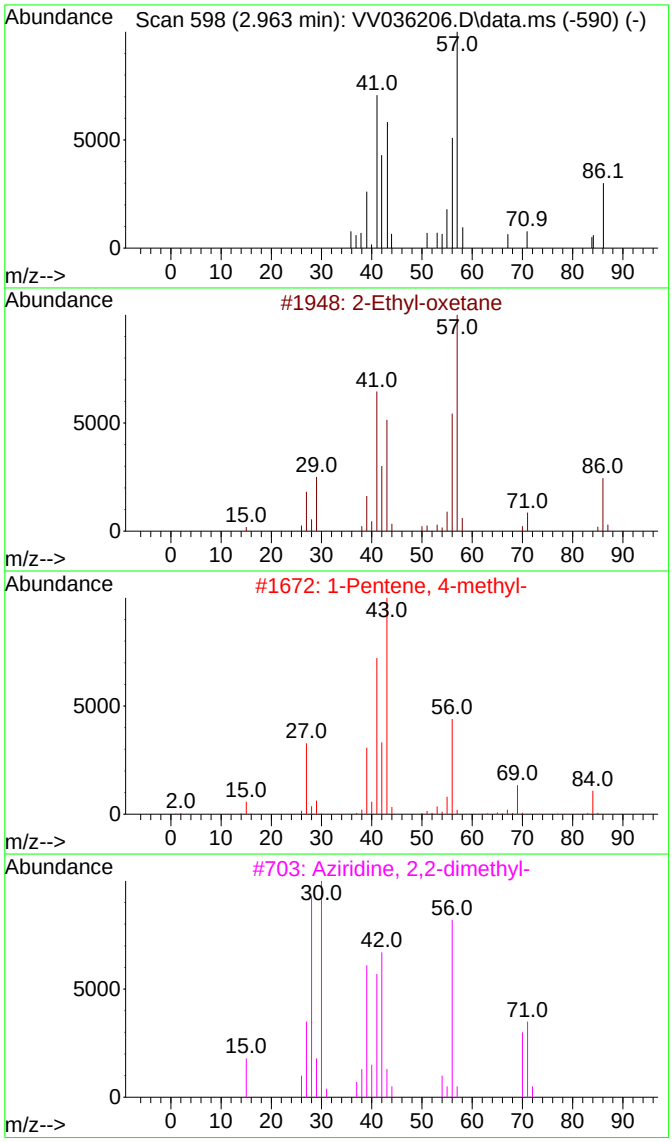
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

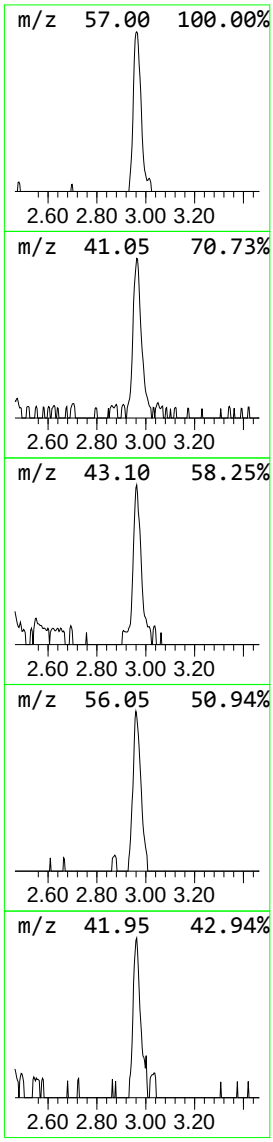
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	2.13 ug/L	21540	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	58
2	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	47
3	Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	47
4	n-Hexane	86	C6H14	000110-54-3	45
5	1-Hexene	84	C6H12	000592-41-6	37





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	2.1	ug/L	21540	1	5.535	253223	25.0