LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053123\
Data File : VV031290.D
Acq On : 31 May 2023 12:40
Operator : SY/MD
Sample : 02961-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0FP2

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\SFAMVLM051923WMA.M
Title : VOC Analysis

Signal : TIC: VV031290.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.281	68	75	90	rVB	126710	135860	14.08%	1.959%
2	1.535	147	154	169	rVB	124432	143653	14.89%	2.072%
3	2.063	309	318	333	rBV	228603	332834	34.50%	4.800%
4	2.513	455	458	460	rBV2	556	355	0.04%	0.005%
5	2.767	535	537	539	rVB2	491	198	0.02%	0.003%
6	2.825	552	555	557	rBV	545	392	0.04%	0.006%
7	2.889	571	575	577	rBV2	644	352	0.04%	0.005%
8	2.937	588	590	592	rBV2	218	102	0.01%	0.001%
9	2.992	604	607	614	rBV3	550	440	0.05%	0.006%
10	3.043	620	623	626	rBV4	441	287	0.03%	0.004%
11	3.066	626	630	632	rBV2	424	303	0.03%	0.004%
12	3.159	656	659	661	rBV	305	153	0.02%	0.002%
13	3.182	664	666	668	rVV2	375	159	0.02%	0.002%
14	3.227	678	680	682	rBV	504	294	0.03%	0.004%
15	3.301	700	703	706	rBV2	493	392	0.04%	0.006%
16	3.320	706	709	714	rVB2	637	507	0.05%	0.007%
17	3.342	714	716	718	rBV	241	125	0.01%	0.002%
18	3.465	750	754	758	rVB3	672	538	0.06%	0.008%
19	3.484	758	760	762	rBV	306	132	0.01%	0.002%
20	3.497	762	764	766	rBV2	368	156	0.02%	0.002%
21	3.529	772	774	778	rBV2	368	287	0.03%	0.004%
22	3.551	778	781	784	rBV2	375	313	0.03%	0.005%
23	3.616	796	801	805	rBV3	464	528	0.05%	0.008%
24	3.709	829	830	831	rVB	241	47	0.00%	0.001%
25	3.725	831	835	838	rBV3	394	341	0.04%	0.005%
26	3.799	848	858	895	rBV	67424	203527	21.09%	2.935%
27	4.259	986	1001	1024	rBV	150736	405669	42.04%	5.851%
28	4.645	1119	1121	1124	rBV2	278	222	0.02%	0.003%
29	4.735	1147	1149	1150	rBV2	373	149	0.02%	0.002%
30	4.780	1161	1163	1167	rBV3	383	288	0.03%	0.004%
31	4.866	1186	1190	1193	rBV3	500	468	0.05%	0.007%
32	4.908	1201	1203	1204	rBV2	356	146	0.02%	0.002%
33	4.966	1204	1221	1242	rBV2	356127	964848	100.00%	13.915%
34	5.477	1375	1380	1382	rBV2	305	295	0.03%	0.004%
35	5.542	1388	1400	1441	rBV	222698	499481	51.77%	7.204%
36	5.786	1474	1476	1479	rVB3	864	423	0.04%	0.006%

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Integrator: RTE
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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Title : VOC Analysis

37	5.831	1480	1490	1513	rVB4	10249	25238	2.62%	0.364%
38	5.998	1526	1542	1571	rBV	221639	491070	50.90%	7.082%
39	6.268	1623	1626	1628	rVB2	796	352	0.04%	0.005%
40	6.284	1629	1631	1632	rVV	287	70	0.01%	0.001%
41	6.346	1646	1650	1651	rBV	451	321	0.03%	0.005%
42	6.397	1664	1666	1668	rBV2	345	178	0.02%	0.003%
43	6.410	1668	1670	1671	rBV	286	102	0.01%	0.001%
44	6.493	1692	1696	1697	rBV3	417	296	0.03%	0.004%
45	6.538	1709	1710	1713	rBV2	341	158	0.02%	0.002%
46	6.558	1714	1716	1718	rBV3	344	201	0.02%	0.003%
47	6.574	1719	1721	1725	rVV4	890	646	0.07%	0.009%
48	6.680	1752	1754	1755	rBV	428	195	0.02%	0.003%
49	6.728	1767	1769	1773	rBV5	381	209	0.02%	0.003%
50	6.831	1799	1801	1804	rBV2	224	124	0.01%	0.002%
51	6.879	1814	1816	1817	rBV2	242	78	0.01%	0.001%
52	6.921	1817	1829	1849	rBV	98845	197221	20.44%	2.844%
53	7.204	1915	1917	1918	rBV	528	210	0.02%	0.003%
54	7.252	1920	1932	1964	rVV	363445	678421	70.31%	9.784%
55	7.561	2014	2028	2046	rBV	73341	141684	14.68%	2.043%
56	7.825	2108	2110	2117	rVB5	617	485	0.05%	0.007%
57	7.905	2132	2135	2136	rBV	761	367	0.04%	0.005%
58	7.976	2155	2157	2160	rBV2	459	282	0.03%	0.004%
59	8.034	2164	2175	2214	rBV	205394	464144	48.11%	6.694%
60	8.458	2302	2307	2312	rVB4	753	726	0.08%	0.010%
61	8.484	2312	2315	2316	rBV	478	279	0.03%	0.004%
62	8.792	2399	2411	2438	rBV	357264	612353	63.47%	8.831%
63	9.024	2480	2483	2486	rBV4	656	406	0.04%	0.006%
64	9.050	2489	2491	2495	rVB2	530	269	0.03%	0.004%
65	9.191	2532	2535	2539	rVB3	608	370	0.04%	0.005%
66	9.249	2551	2553	2556	rVB2	411	170	0.02%	0.002%
67	9.268	2556	2559	2562	rBV2	385	249	0.03%	0.004%
68	9.554	2644	2648	2650	rBV2	614	369	0.04%	0.005%
69	9.587	2656	2658	2660	rBV	143	65	0.01%	0.001%
70	9.760	2709	2712	2713	rBV	414	228	0.02%	0.003%
71	9.876	2744	2748	2753	rBV3	594	590	0.06%	0.009%
72	9.915	2758	2760	2763	rBV2	499	257	0.03%	0.004%
73	10.027	2794	2795	2796	rBV2	322	71	0.01%	0.001%
74	10.159	2825	2836	2855	rBV	304654	484674	50.23%	6.990%
75	10.587	2967	2969	2971	rBV	299	147	0.02%	0.002%
76	10.596	2971	2972	2974	rVV	431	172	0.02%	0.002%

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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\SFAMVLM051923WMA.M
Title : VOC Analysis

77	10.738	3010	3016	3017	rBV3	408	427	0.04%	0.006%
78	10.821	3039	3042	3045	rBV2	400	281	0.03%	0.004%
79	10.931	3073	3076	3078	rVB3	619	321	0.03%	0.005%
80	10.982	3090	3092	3098	rVB2	510	378	0.04%	0.005%
81	11.017	3100	3103	3106	rBV2	563	445	0.05%	0.006%
82	11.191	3146	3157	3178	rBV	322612	516776	53.56%	7.453%
83	11.451	3236	3238	3241	rBV3	469	331	0.03%	0.005%
84	11.519	3257	3259	3261	rBV	414	246	0.03%	0.004%
85	11.567	3262	3274	3298	rVV	385894	614797	63.72%	8.867%
86	12.040	3419	3421	3424	rBV	418	235	0.02%	0.003%
87	12.464	3551	3553	3558	rVB3	702	488	0.05%	0.007%
88	13.525	3882	3883	3886	rBV	460	293	0.03%	0.004%
89	13.725	3941	3945	3947	rBV3	587	459	0.05%	0.007%
90	13.975	4021	4023	4027	rBV5	853	637	0.07%	0.009%

Sum of corrected areas: 6933825

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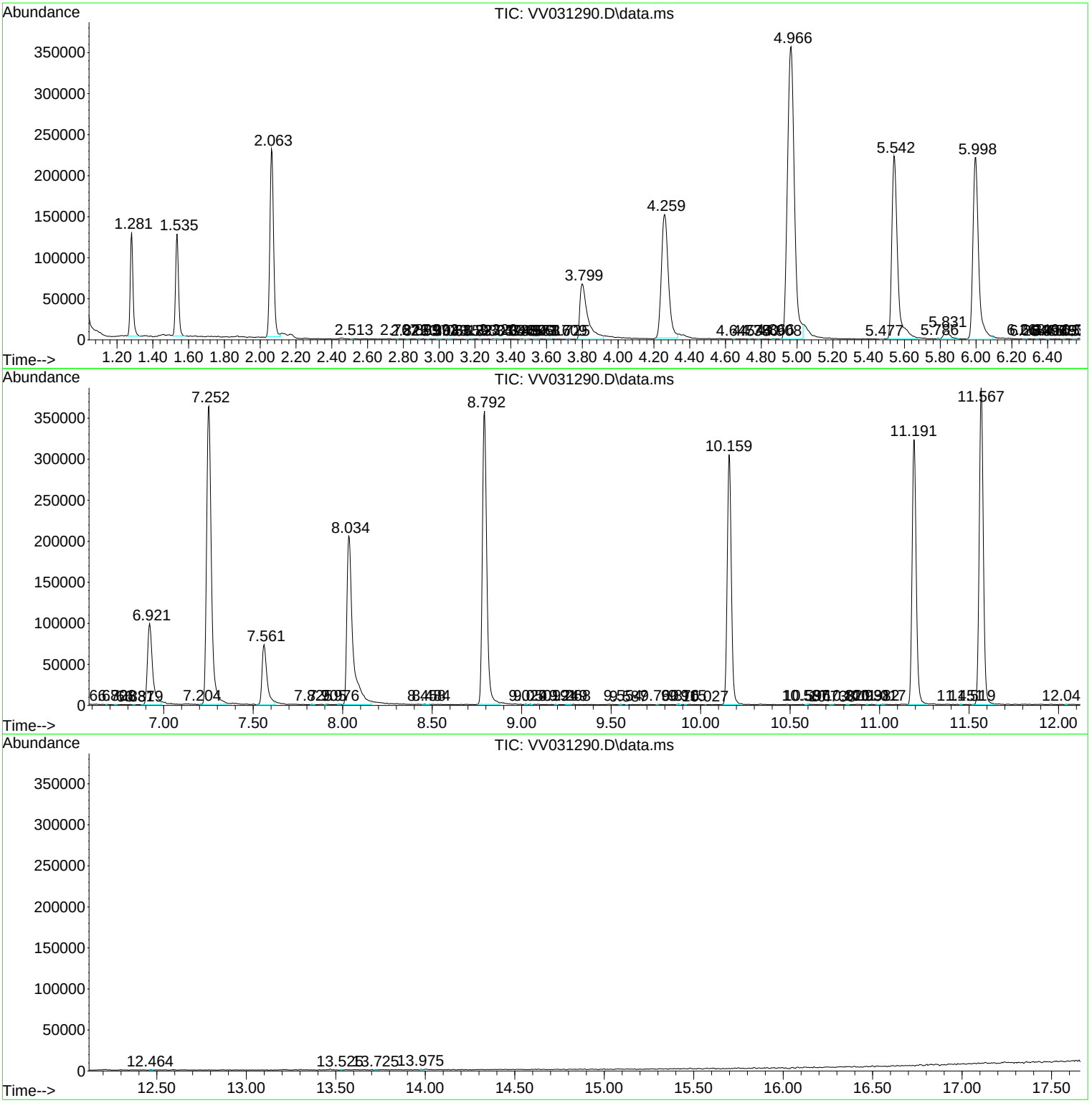
H0FP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis

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



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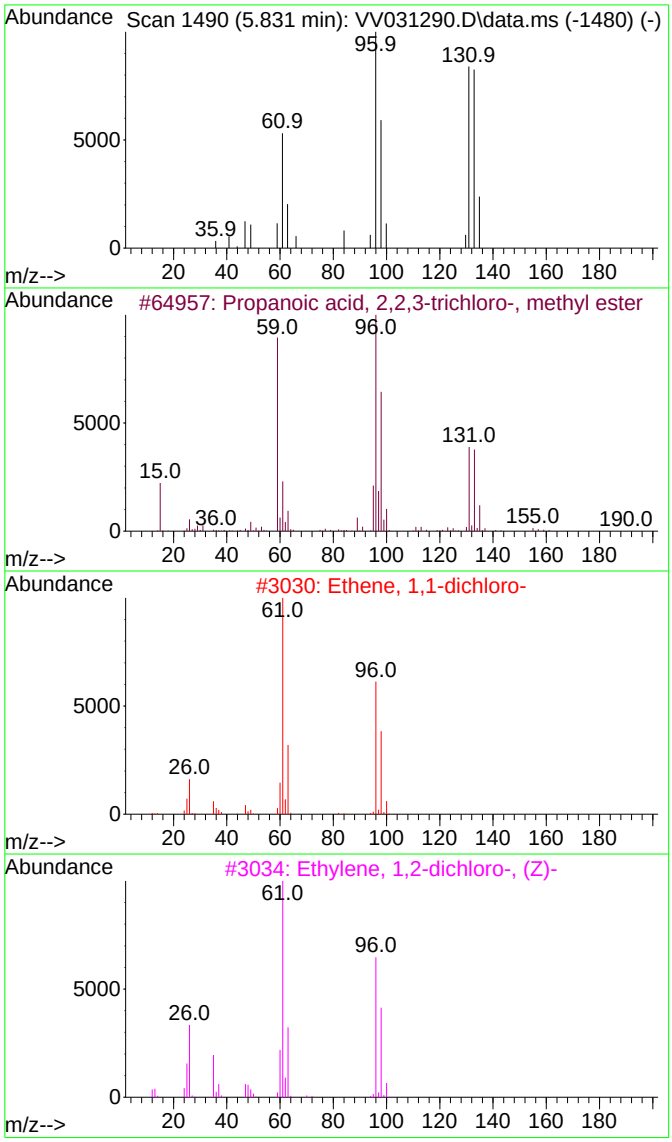
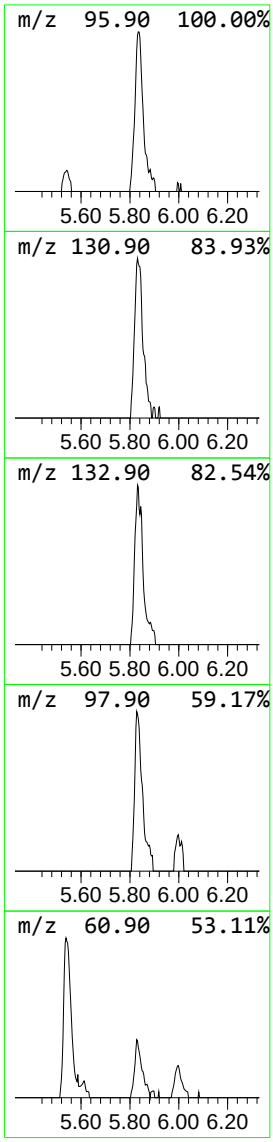
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propanoic acid, 2,2,3-trich... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.831	2.53 ug/L	25238	1,4-Difluorobenzene	5.542

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	50
2	Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	38
3	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
4	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	38
5	Ethylene, 1,2-dichloro-, (E)-	96	C2H2Cl2	000156-60-5	38





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.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
Propanoic acid,...	5.831	2.5	ug/L	25238	1	5.542	499481	50.0