LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082020\
Data File : VV018067.D
Acq On : 20 Aug 2020 13:20
Operator : SY/MD
Sample : VV0820MBL01
Misc : 5.0g/5.0mL/100ul/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK87

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\SOMVLM081120WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.315	63	70	84	rVB	169185	167726	15.37%	2.032%
2	1.579	144	152	167	rBV	138864	157147	14.40%	1.904%
3	2.123	311	321	345	rVB	280229	424771	38.93%	5.147%
4	2.312	372	380	388	rVB2	1605	2385	0.22%	0.029%
5	2.428	414	416	420	rVB	184	113	0.01%	0.001%
6	2.524	438	446	458	rVV2	5134	8338	0.76%	0.101%
7	2.582	462	464	471	rVB2	114	112	0.01%	0.001%
8	2.631	476	479	484	rBV2	325	239	0.02%	0.003%
9	2.672	489	492	494	rBV2	217	118	0.01%	0.001%
10	2.785	520	527	534	rBV5	810	1053	0.10%	0.013%
11	3.042	601	607	615	rBV2	145	193	0.02%	0.002%
12	3.222	656	663	666	rBV2	97	118	0.01%	0.001%
13	3.241	666	669	677	rVB2	153	166	0.02%	0.002%
14	3.434	722	729	731	rBV	218	169	0.02%	0.002%
15	3.913	867	878	913	rBV	68303	212210	19.45%	2.571%
16	4.376	1005	1022	1051	rBV	172003	425058	38.96%	5.150%
17	4.537	1070	1072	1078	rVB3	217	139	0.01%	0.002%
18	4.679	1110	1116	1122	rVB	201	274	0.03%	0.003%
19	4.759	1138	1141	1149	rVB2	131	127	0.01%	0.002%
20	4.939	1192	1197	1201	rBV	117	117	0.01%	0.001%
21	5.071	1220	1238	1269	rBV2	425703	1091006	100.00%	13.219%
22	5.322	1311	1316	1318	rBV2	185	143	0.01%	0.002%
23	5.399	1338	1340	1344	rVB2	231	151	0.01%	0.002%
24	5.428	1344	1349	1351	rBV2	361	295	0.03%	0.004%
25	5.457	1354	1358	1363	rVV2	110	127	0.01%	0.002%
26	5.508	1372	1374	1376	rVV	178	124	0.01%	0.002%
27	5.537	1380	1383	1386	rBV	157	121	0.01%	0.001%
28	5.640	1402	1415	1439	rBV	338047	668960	61.32%	8.106%
29	5.929	1494	1505	1525	rVV3	19309	40864	3.75%	0.495%
30	6.093	1542	1556	1582	rBV	242129	489009	44.82%	5.925%
31	6.228	1596	1598	1603	rVB3	585	326	0.03%	0.004%
32	6.270	1608	1611	1615	rBV3	166	103	0.01%	0.001%
33	6.392	1644	1649	1651	rBV2	95	102	0.01%	0.001%
34	6.454	1662	1668	1671	rVB2	157	178	0.02%	0.002%

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Misc : 5.0g/5.0mL/100ul/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK87

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\SOMVLM081120WMA.M
Title : VOC Analysis

35	6.473	1671	1674	1678	rBV	183	134	0.01%	0.002%
36	6.650	1724	1729	1731	rBV2	234	211	0.02%	0.003%
37	6.833	1781	1786	1788	rBV2	121	137	0.01%	0.002%
38	6.875	1795	1799	1804	rBV2	136	121	0.01%	0.001%
39	6.952	1819	1823	1829	rVB2	132	144	0.01%	0.002%
40	7.007	1829	1840	1872	rBV	129815	236433	21.67%	2.865%
41	7.126	1875	1877	1878	rBV	303	120	0.01%	0.001%
42	7.148	1883	1884	1887	rVB2	347	132	0.01%	0.002%
43	7.187	1892	1896	1899	rBV2	315	202	0.02%	0.002%
44	7.238	1910	1912	1915	rVB	259	172	0.02%	0.002%
45	7.264	1915	1920	1922	rBV	193	111	0.01%	0.001%
46	7.338	1930	1943	1966	rBV	509447	866014	79.38%	10.493%
47	7.579	2015	2018	2020	rVB3	289	168	0.02%	0.002%
48	7.595	2020	2023	2028	rVB	170	120	0.01%	0.001%
49	7.643	2028	2038	2070	rBV	91261	161449	14.80%	1.956%
50	7.859	2101	2105	2108	rBV2	153	125	0.01%	0.002%
51	8.003	2145	2150	2155	rBV5	566	648	0.06%	0.008%
52	8.109	2173	2183	2217	rBV2	178743	354471	32.49%	4.295%
53	8.341	2252	2255	2258	rVB2	184	120	0.01%	0.001%
54	8.370	2261	2264	2266	rVV	194	113	0.01%	0.001%
55	8.380	2266	2267	2269	rVB	282	103	0.01%	0.001%
56	8.441	2278	2286	2299	rBV2	1110	2196	0.20%	0.027%
57	8.521	2307	2311	2316	rVV	259	236	0.02%	0.003%
58	8.630	2340	2345	2347	rBV2	225	155	0.01%	0.002%
59	8.871	2408	2420	2457	rBV	524493	844773	77.43%	10.236%
60	9.039	2470	2472	2476	rVB2	371	242	0.02%	0.003%
61	9.090	2485	2488	2496	rVB2	214	268	0.02%	0.003%
62	9.129	2496	2500	2502	rBV2	185	151	0.01%	0.002%
63	9.167	2506	2512	2521	rBV3	444	812	0.07%	0.010%
64	9.482	2605	2610	2612	rBV	148	136	0.01%	0.002%
65	9.579	2633	2640	2643	rBV3	534	637	0.06%	0.008%
66	9.675	2663	2670	2673	rBV2	79	118	0.01%	0.001%
67	9.772	2696	2700	2704	rBV2	173	172	0.02%	0.002%
68	9.814	2709	2713	2717	rBV2	163	165	0.02%	0.002%
69	9.907	2738	2742	2744	rBV	150	117	0.01%	0.001%
70	9.958	2752	2758	2767	rVB2	592	686	0.06%	0.008%
71	10.006	2770	2773	2778	rBV2	118	129	0.01%	0.002%

LSC Area Percent Report

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ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK87

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\SOMVLM081120WMA.M
Title : VOC Analysis

72	10.106	2800	2804	2808	rBV2	147	143	0.01%	0.002%
73	10.238	2832	2845	2867	rBV	280028	436544	40.01%	5.289%
74	10.524	2927	2934	2936	rBV2	121	170	0.02%	0.002%
75	10.566	2942	2947	2952	rVV2	443	545	0.05%	0.007%
76	10.630	2960	2967	2972	rBV2	190	266	0.02%	0.003%
77	10.942	3058	3064	3070	rVB2	609	693	0.06%	0.008%
78	11.026	3087	3090	3095	rBV	129	118	0.01%	0.001%
79	11.212	3140	3148	3153	rBV3	1439	1562	0.14%	0.019%
80	11.270	3155	3166	3191	rBV	527319	823108	75.44%	9.973%
81	11.646	3271	3283	3306	rBV	532437	815477	74.75%	9.881%
82	11.775	3321	3323	3329	rBV4	245	212	0.02%	0.003%
83	11.817	3334	3336	3339	rBV2	169	104	0.01%	0.001%
84	11.836	3339	3342	3346	rBV2	172	131	0.01%	0.002%
85	11.894	3358	3360	3364	rVB2	265	149	0.01%	0.002%
86	12.148	3436	3439	3447	rVB	287	260	0.02%	0.003%
87	12.511	3548	3552	3553	rBV	142	102	0.01%	0.001%
88	12.672	3595	3602	3614	rVB4	1205	1921	0.18%	0.023%
89	12.907	3672	3675	3681	rVB2	346	242	0.02%	0.003%
90	13.000	3697	3704	3708	rBV2	274	362	0.03%	0.004%
91	13.067	3722	3725	3728	rBV2	185	132	0.01%	0.002%
92	13.289	3788	3794	3808	rVV5	1592	2418	0.22%	0.029%
93	13.350	3810	3813	3820	rVB2	268	213	0.02%	0.003%
94	13.463	3845	3848	3850	rBV2	174	107	0.01%	0.001%
95	13.540	3865	3872	3880	rBV3	739	1087	0.10%	0.013%
96	13.656	3904	3908	3909	rBV	198	148	0.01%	0.002%
97	13.772	3938	3944	3954	rBV3	1423	1850	0.17%	0.022%
98	13.852	3966	3969	3972	rVB2	304	229	0.02%	0.003%
99	14.000	4012	4015	4016	rBV2	226	105	0.01%	0.001%
100	15.923	4610	4613	4616	rBV4	473	358	0.03%	0.004%

Sum of corrected areas: 8253079

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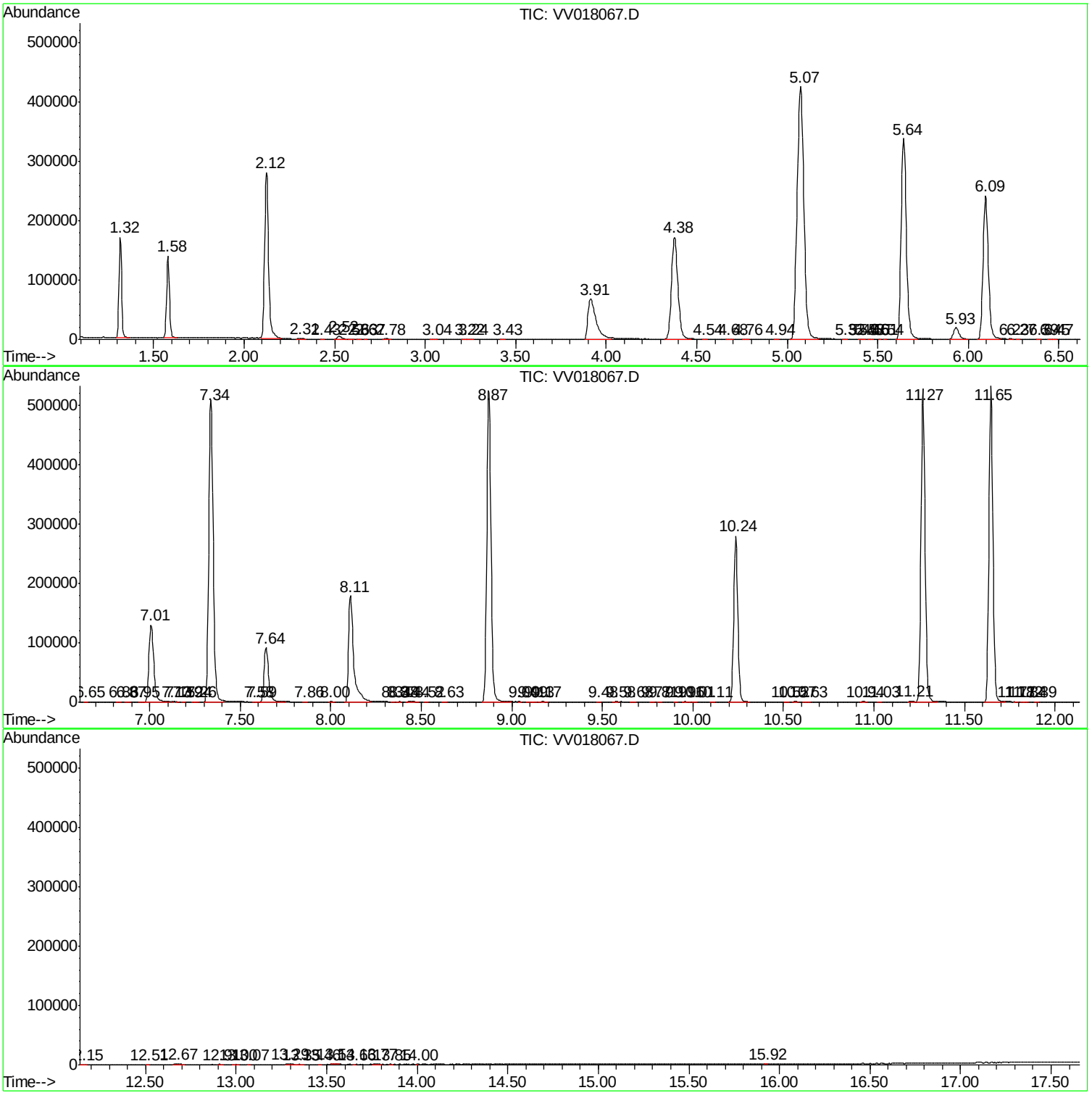
Instrument :
MSVOA_V
ClientSampleId :
VBLK87

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082020\
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Sample : VV0820MBL01
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ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK87

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

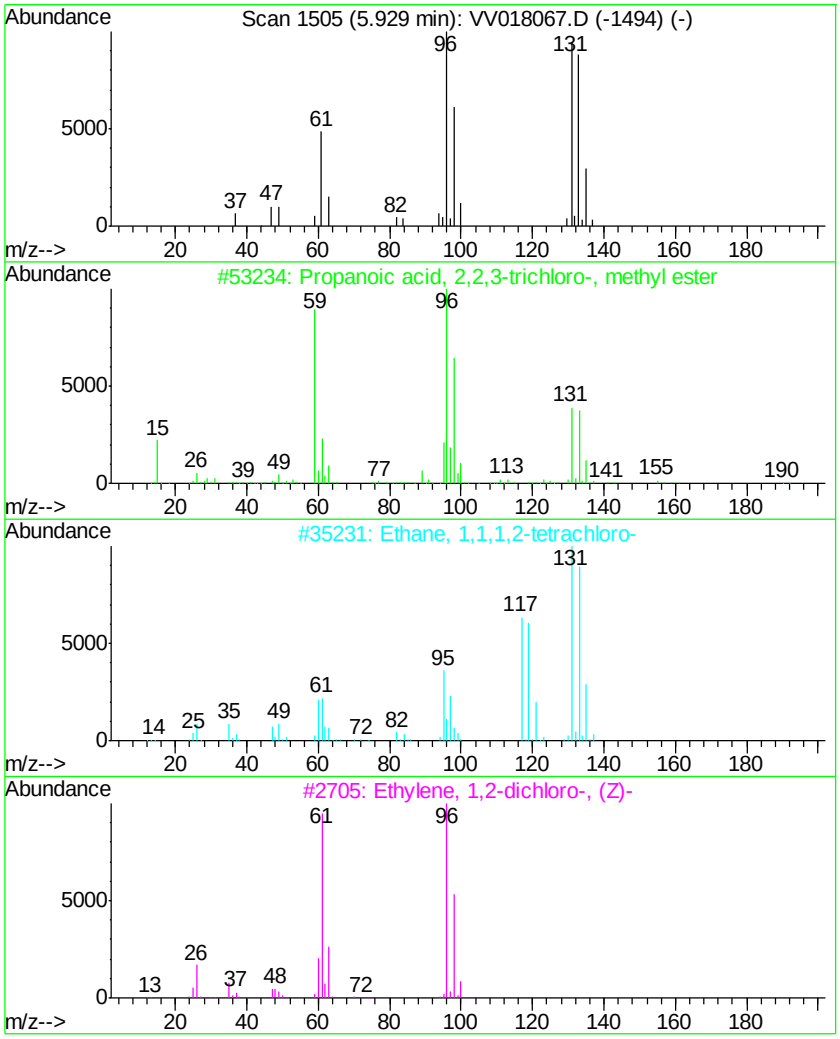
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

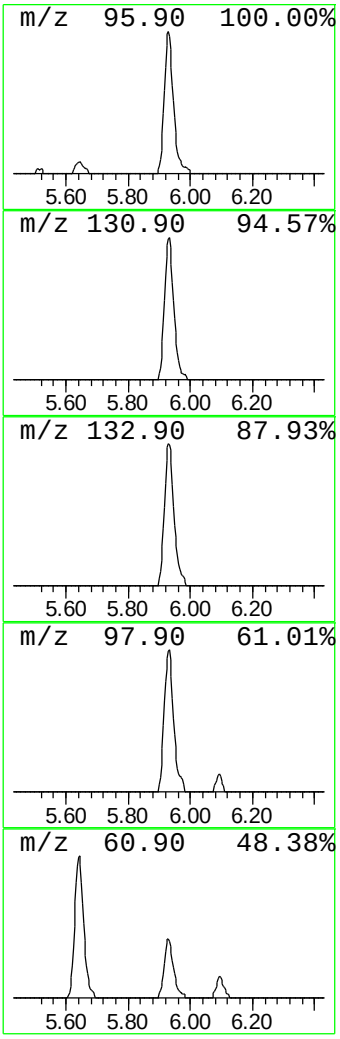
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	3.05 ug/L	40864	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	56
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	38
3	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
5	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propanoic acid, 2...	5.93	3.0	ug/L	40864	1	5.64	668960	50.0