LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082420\
Data File : VV018081.D
Acq On : 24 Aug 2020 11:43
Operator : SY/MD
Sample : L3782-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSJ3

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	81	rVB	165440	166231	14.52%	1.971%
2	1.579	144	152	168	rBV	139123	159595	13.94%	1.893%
3	2.119	310	320	336	rBV	282661	426511	37.26%	5.058%
4	2.698	497	500	502	rBV2	174	127	0.01%	0.002%
5	2.727	506	509	510	rVV	169	106	0.01%	0.001%
6	2.737	510	512	515	rVB2	204	120	0.01%	0.001%
7	2.814	532	536	539	rVB2	134	118	0.01%	0.001%
8	2.840	540	544	552	rVB	119	164	0.01%	0.002%
9	3.113	625	629	633	rBV2	174	193	0.02%	0.002%
10	3.174	644	648	653	rVV2	154	136	0.01%	0.002%
11	3.245	667	670	675	rBV2	160	151	0.01%	0.002%
12	3.312	686	691	695	rBV2	142	142	0.01%	0.002%
13	3.489	742	746	750	rBV	114	137	0.01%	0.002%
14	3.557	760	767	770	rBV	183	188	0.02%	0.002%
15	3.772	828	834	837	rBV2	190	207	0.02%	0.002%
16	3.907	865	876	912	rBV	70524	209039	18.26%	2.479%
17	4.232	975	977	986	rVB	245	239	0.02%	0.003%
18	4.373	1004	1021	1052	rBV	176721	447173	39.06%	5.303%
19	4.563	1078	1080	1084	rBV	188	111	0.01%	0.001%
20	4.624	1091	1099	1104	rBV2	109	158	0.01%	0.002%
21	4.659	1106	1110	1113	rVB	140	97	0.01%	0.001%
22	4.849	1161	1169	1172	rVB	165	177	0.02%	0.002%
23	4.872	1172	1176	1182	rBV	133	170	0.01%	0.002%
24	4.920	1183	1191	1193	rBV2	84	121	0.01%	0.001%
25	4.971	1204	1207	1211	rBV2	121	124	0.01%	0.001%
26	5.068	1219	1237	1275	rBV2	446314	1144830	100.00%	13.576%
27	5.418	1343	1346	1348	rVB2	193	109	0.01%	0.001%
28	5.437	1348	1352	1354	rVB	236	136	0.01%	0.002%
29	5.505	1370	1373	1376	rBV	268	144	0.01%	0.002%
30	5.528	1376	1380	1384	rBV2	158	101	0.01%	0.001%
31	5.576	1386	1395	1396	rBV2	449	562	0.05%	0.007%
32	5.637	1401	1414	1441	rBV	320832	641338	56.02%	7.605%
33	5.926	1493	1504	1521	rBV	17064	34984	3.06%	0.415%
34	6.090	1541	1555	1588	rBV	255415	515948	45.07%	6.118%

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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSJ3

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	6.228	1596	1598	1607	rVB2	577	727	0.06%	0.009%
36	6.273	1607	1612	1618	rVB4	362	499	0.04%	0.006%
37	6.392	1647	1649	1652	rVB	169	93	0.01%	0.001%
38	6.505	1680	1684	1686	rBV	178	134	0.01%	0.002%
39	6.569	1699	1704	1706	rBV3	316	208	0.02%	0.002%
40	6.595	1708	1712	1716	rVB4	261	203	0.02%	0.002%
41	6.656	1724	1731	1737	rBV4	522	729	0.06%	0.009%
42	6.788	1769	1772	1777	rBV2	148	110	0.01%	0.001%
43	6.910	1804	1810	1812	rBV	91	95	0.01%	0.001%
44	6.952	1817	1823	1827	rVB2	161	190	0.02%	0.002%
45	7.007	1827	1840	1859	rBV	138330	249201	21.77%	2.955%
46	7.154	1883	1886	1888	rBV4	252	183	0.02%	0.002%
47	7.196	1895	1899	1904	rBV3	384	401	0.04%	0.005%
48	7.235	1907	1911	1914	rVB2	190	147	0.01%	0.002%
49	7.254	1914	1917	1918	rBV	197	96	0.01%	0.001%
50	7.335	1929	1942	1978	rBV	524618	900499	78.66%	10.679%
51	7.640	2025	2037	2064	rBV	101245	173905	15.19%	2.062%
52	7.778	2077	2080	2081	rBV2	210	129	0.01%	0.002%
53	7.785	2081	2082	2087	rVB3	480	304	0.03%	0.004%
54	7.955	2127	2135	2145	rVB2	818	1446	0.13%	0.017%
55	8.000	2145	2149	2151	rBV	268	146	0.01%	0.002%
56	8.064	2162	2169	2172	rBV	140	182	0.02%	0.002%
57	8.106	2172	2182	2216	rBV2	204556	392060	34.25%	4.649%
58	8.334	2249	2253	2255	rBV2	496	438	0.04%	0.005%
59	8.425	2278	2281	2283	rVV	258	139	0.01%	0.002%
60	8.437	2283	2285	2287	rVV	216	110	0.01%	0.001%
61	8.736	2374	2378	2380	rBV2	171	143	0.01%	0.002%
62	8.871	2408	2420	2443	rBV	500499	806849	70.48%	9.568%
63	9.090	2485	2488	2491	rBV	138	102	0.01%	0.001%
64	9.161	2508	2510	2512	rBV2	222	156	0.01%	0.002%
65	9.405	2583	2586	2591	rVB2	112	121	0.01%	0.001%
66	9.489	2609	2612	2615	rBV	135	97	0.01%	0.001%
67	9.662	2661	2666	2669	rBV2	101	114	0.01%	0.001%
68	9.711	2675	2681	2683	rBV2	193	158	0.01%	0.002%
69	9.736	2683	2689	2690	rBV2	709	625	0.05%	0.007%
70	9.984	2763	2766	2768	rBV	144	99	0.01%	0.001%
71	10.058	2786	2789	2792	rBV	170	126	0.01%	0.001%

LSC Area Percent Report

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ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSJ3

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	10.119	2805	2808	2813	rVB	144	98	0.01%	0.001%
73	10.235	2832	2844	2865	rBV	309320	483156	42.20%	5.730%
74	10.402	2888	2896	2907	rBV2	1624	2424	0.21%	0.029%
75	10.463	2912	2915	2921	rBV2	137	128	0.01%	0.002%
76	10.621	2961	2964	2969	rVB2	201	175	0.02%	0.002%
77	10.685	2981	2984	2989	rBV2	101	106	0.01%	0.001%
78	10.736	2997	3000	3004	rBV	131	114	0.01%	0.001%
79	10.846	3031	3034	3036	rVV	141	107	0.01%	0.001%
80	10.974	3069	3074	3075	rBV3	325	291	0.03%	0.003%
81	11.087	3105	3109	3110	rBV2	230	137	0.01%	0.002%
82	11.122	3117	3120	3123	rVB	178	122	0.01%	0.001%
83	11.270	3154	3166	3187	rBV	525217	789393	68.95%	9.361%
84	11.556	3247	3255	3271	rBV3	4780	9910	0.87%	0.118%
85	11.646	3271	3283	3303	rBV	557338	861897	75.29%	10.221%
86	11.807	3328	3333	3339	rBV5	934	978	0.09%	0.012%
87	11.881	3354	3356	3363	rVB2	151	132	0.01%	0.002%
88	12.064	3411	3413	3419	rVB	218	154	0.01%	0.002%
89	12.109	3424	3427	3429	rBV	139	92	0.01%	0.001%
90	12.248	3467	3470	3473	rBV2	139	107	0.01%	0.001%
91	12.273	3474	3478	3482	rVB3	354	291	0.03%	0.003%
92	12.379	3506	3511	3515	rVV4	302	337	0.03%	0.004%
93	12.675	3598	3603	3610	rBV2	314	316	0.03%	0.004%
94	12.717	3613	3616	3619	rBV2	175	146	0.01%	0.002%
95	12.955	3687	3690	3693	rBV2	144	111	0.01%	0.001%
96	13.196	3763	3765	3768	rVB	250	111	0.01%	0.001%
97	13.292	3789	3795	3801	rBV3	447	682	0.06%	0.008%
98	13.733	3929	3932	3933	rBV3	215	109	0.01%	0.001%
99	14.055	4029	4032	4034	rBV3	333	216	0.02%	0.003%
100	14.186	4069	4073	4074	rBV2	266	176	0.02%	0.002%

Sum of corrected areas: 8432667

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082420\
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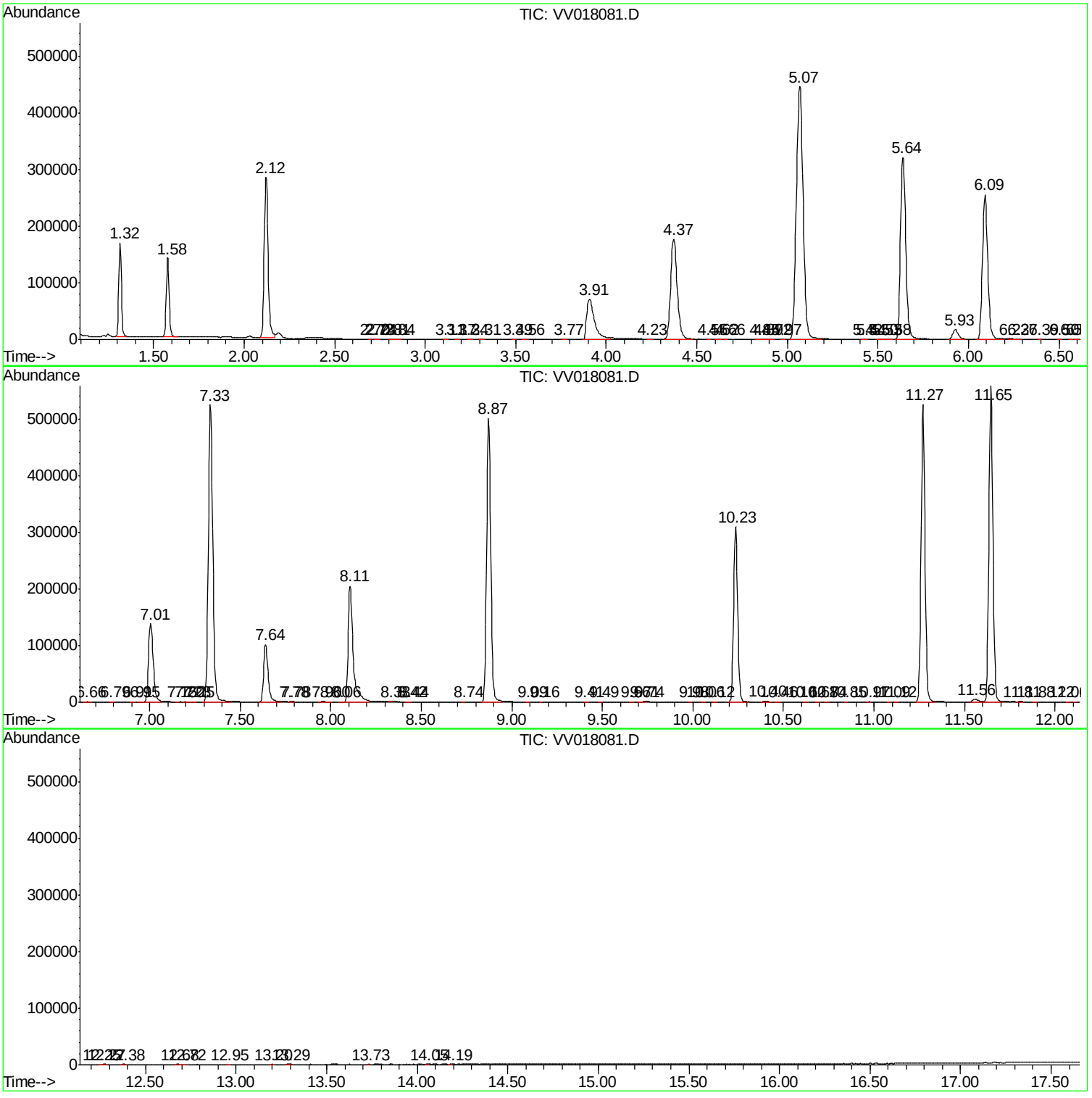
Sample : L3782-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSJ3

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\VV082420\
Data File : VV018081.D
Acq On : 24 Aug 2020 11:43
Operator : SY/MD
Sample : L3782-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSJ3

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

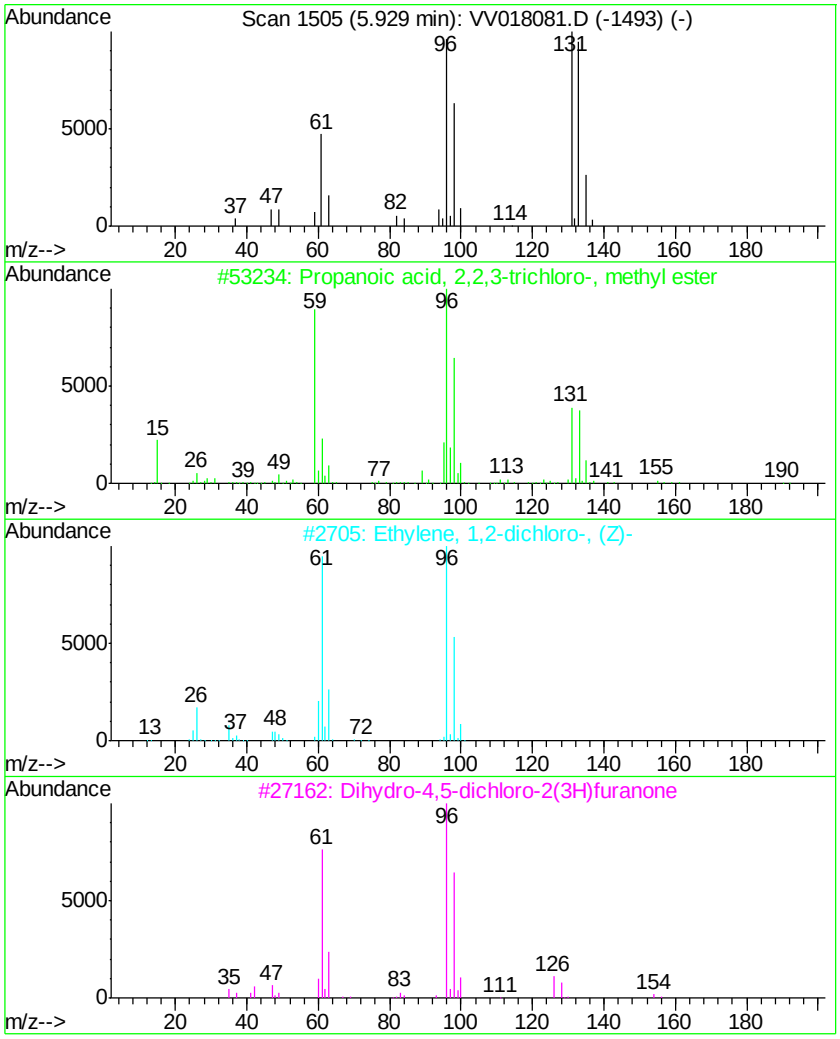
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

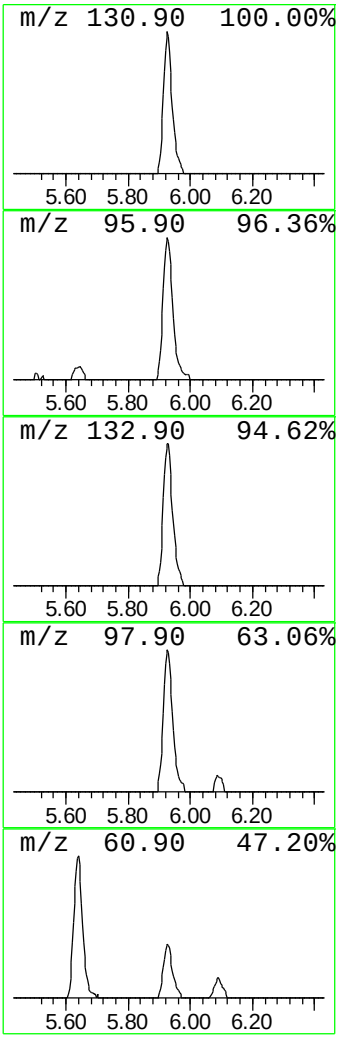
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.73 ug/L	34984	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	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	35
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
4	Carbamic acid, acetylthio-, O-me...	133	C4H7NO2S	016696-87-0	9
5	2-Cyano-3,5-dimethylpyrazine	133	C7H7N3	124629-52-3	9





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propanoic acid, 2...	5.93	2.7	ug/L	34984	1	5.64	641338	50.0