LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121418\
Data File : VV008935.D
Acq On : 14 Dec 2018 17:29
Operator : SY/MD
Sample : J6369-01
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0L57

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\SOMVLM121318WMA.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	1.319	63	71	85	rVB	80534	90583	12.13%	1.620%
2	1.563	141	147	158	rVB	62100	73446	9.84%	1.314%
3	2.052	293	299	311	rVB7	2673	4148	0.56%	0.074%
4	2.129	312	323	336	rBV	214563	302748	40.56%	5.416%
5	2.322	374	383	388	rBV3	5481	9157	1.23%	0.164%
6	2.534	446	449	454	rVB4	484	497	0.07%	0.009%
7	2.656	474	487	496	rBV	8208	17011	2.28%	0.304%
8	3.016	596	599	606	rBV	242	255	0.03%	0.005%
9	3.184	645	651	658	rBV2	264	393	0.05%	0.007%
10	3.235	664	667	673	rBV2	174	202	0.03%	0.004%
11	3.376	708	711	713	rBV2	191	165	0.02%	0.003%
12	3.421	722	725	726	rBV	208	146	0.02%	0.003%
13	3.476	737	742	746	rBV2	268	288	0.04%	0.005%
14	3.560	766	768	771	rVB2	281	177	0.02%	0.003%
15	3.592	771	778	782	rBV	317	453	0.06%	0.008%
16	3.634	785	791	797	rBV2	222	322	0.04%	0.006%
17	3.733	819	822	824	rBV2	221	149	0.02%	0.003%
18	3.849	854	858	859	rBV2	227	148	0.02%	0.003%
19	3.881	864	868	870	rBV	190	167	0.02%	0.003%
20	3.936	871	885	919	rBV	55628	161871	21.68%	2.896%
21	4.405	1012	1031	1056	rBV	120960	296806	39.76%	5.309%
22	4.650	1102	1107	1109	rBV	253	275	0.04%	0.005%
23	4.794	1148	1152	1155	rBV	251	217	0.03%	0.004%
24	4.846	1165	1168	1172	rBV	207	180	0.02%	0.003%
25	4.936	1193	1196	1201	rVB2	218	221	0.03%	0.004%
26	4.981	1206	1210	1213	rBV2	210	181	0.02%	0.003%
27	5.097	1227	1246	1275	rBV2	298729	746468	100.00%	13.353%
28	5.325	1314	1317	1321	rBV2	191	204	0.03%	0.004%
29	5.354	1323	1326	1329	rVV	296	200	0.03%	0.004%
30	5.380	1332	1334	1337	rVB	255	159	0.02%	0.003%
31	5.396	1337	1339	1343	rBV	179	163	0.02%	0.003%
32	5.454	1352	1357	1360	rBV2	200	159	0.02%	0.003%
33	5.534	1378	1382	1385	rBV2	259	170	0.02%	0.003%
34	5.666	1408	1423	1447	rBV	229138	453919	60.81%	8.120%

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Instrument : MSVOA_V
ClientSampleId : C0L57

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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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\SOMVLM121318WMA.M
Title : VOC Analysis

35	5.949	1497	1511	1528	rVB2	14690	29257	3.92%	0.523%
36	6.119	1550	1564	1589	rBV2	166057	330624	44.29%	5.914%
37	6.248	1601	1604	1612	rVB	564	627	0.08%	0.011%
38	6.293	1612	1618	1621	rBV2	154	151	0.02%	0.003%
39	6.335	1627	1631	1634	rBV	228	214	0.03%	0.004%
40	6.373	1640	1643	1648	rBV	246	200	0.03%	0.004%
41	6.450	1662	1667	1669	rBV	220	199	0.03%	0.004%
42	6.798	1772	1775	1778	rVB	206	142	0.02%	0.003%
43	6.817	1778	1781	1784	rBV2	213	177	0.02%	0.003%
44	6.855	1789	1793	1797	rVB2	247	209	0.03%	0.004%
45	6.923	1810	1814	1817	rBV2	198	170	0.02%	0.003%
46	7.032	1835	1848	1865	rBV	96091	168772	22.61%	3.019%
47	7.238	1907	1912	1917	rBV	290	385	0.05%	0.007%
48	7.273	1917	1923	1926	rBV	283	253	0.03%	0.005%
49	7.360	1934	1950	1968	rBV	355838	611465	81.91%	10.938%
50	7.666	2033	2045	2062	rBV	67548	111640	14.96%	1.997%
51	8.135	2179	2191	2223	rBV	180349	347116	46.50%	6.209%
52	8.466	2290	2294	2298	rBV2	188	152	0.02%	0.003%
53	8.521	2308	2311	2317	rBV2	397	480	0.06%	0.009%
54	8.740	2374	2379	2383	rBV2	208	251	0.03%	0.004%
55	8.839	2407	2410	2416	rVB	177	142	0.02%	0.003%
56	8.897	2416	2428	2456	rBV	325734	529142	70.89%	9.466%
57	9.116	2491	2496	2497	rBV	226	168	0.02%	0.003%
58	9.392	2578	2582	2584	rBV	183	141	0.02%	0.003%
59	9.585	2639	2642	2648	rVB2	297	269	0.04%	0.005%
60	9.621	2648	2653	2655	rBV2	208	191	0.03%	0.003%
61	9.653	2659	2663	2668	rVV2	212	218	0.03%	0.004%
62	9.791	2698	2706	2709	rBV2	172	246	0.03%	0.004%
63	9.833	2714	2719	2724	rVB2	323	347	0.05%	0.006%
64	9.865	2724	2729	2732	rBV2	265	299	0.04%	0.005%
65	9.900	2736	2740	2748	rBV2	161	211	0.03%	0.004%
66	10.112	2801	2806	2810	rBV	131	171	0.02%	0.003%
67	10.264	2838	2853	2876	rBV	204882	325951	43.67%	5.831%
68	10.421	2896	2902	2907	rBV3	598	611	0.08%	0.011%
69	10.653	2970	2974	2980	rBV2	275	263	0.04%	0.005%
70	10.849	3032	3035	3042	rBV2	232	259	0.03%	0.005%
71	11.215	3144	3149	3153	rBV2	144	162	0.02%	0.003%

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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0L57

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\SOMVLM121318WMA.M
Title : VOC Analysis

72	11.254	3158	3161	3163	rBV2	218	158	0.02%	0.003%
73	11.296	3163	3174	3194	rBV	286533	448618	60.10%	8.025%
74	11.450	3217	3222	3229	rVB2	285	325	0.04%	0.006%
75	11.675	3280	3292	3311	rBV	319661	512499	68.66%	9.168%
76	11.891	3356	3359	3361	rBV	258	161	0.02%	0.003%
77	11.907	3362	3364	3369	rVB2	246	207	0.03%	0.004%
78	12.058	3406	3411	3415	rBV	340	315	0.04%	0.006%
79	12.231	3462	3465	3469	rBV	191	150	0.02%	0.003%
80	12.363	3503	3506	3511	rVB2	221	164	0.02%	0.003%
81	12.431	3521	3527	3530	rBV2	209	232	0.03%	0.004%
82	12.598	3576	3579	3584	rVB2	211	151	0.02%	0.003%
83	12.659	3588	3598	3601	rBV2	228	416	0.06%	0.007%
84	12.807	3640	3644	3646	rBV	199	149	0.02%	0.003%
85	12.952	3687	3689	3692	rVB2	398	187	0.03%	0.003%
86	12.977	3692	3697	3700	rBV2	236	252	0.03%	0.005%
87	13.138	3744	3747	3753	rVB2	229	219	0.03%	0.004%
88	13.357	3808	3815	3816	rBV2	255	260	0.03%	0.005%
89	13.447	3838	3843	3846	rBV	224	196	0.03%	0.004%
90	13.575	3879	3883	3885	rVB	212	141	0.02%	0.003%
91	13.595	3885	3889	3892	rVB3	226	190	0.03%	0.003%
92	13.675	3909	3914	3918	rBV3	309	314	0.04%	0.006%
93	13.784	3945	3948	3951	rBV2	324	259	0.03%	0.005%
94	13.984	4005	4010	4015	rBV2	261	325	0.04%	0.006%
95	14.096	4042	4045	4050	rVB2	258	263	0.04%	0.005%
96	14.260	4093	4096	4097	rBV2	269	158	0.02%	0.003%
97	14.305	4107	4110	4113	rBV3	280	201	0.03%	0.004%
98	14.939	4304	4307	4309	rBV2	349	206	0.03%	0.004%
99	15.373	4439	4442	4443	rBV2	316	178	0.02%	0.003%
100	15.730	4550	4553	4555	rBV3	464	330	0.04%	0.006%

Sum of corrected areas: 5590147

LSC Report - Integrated Chromatogram

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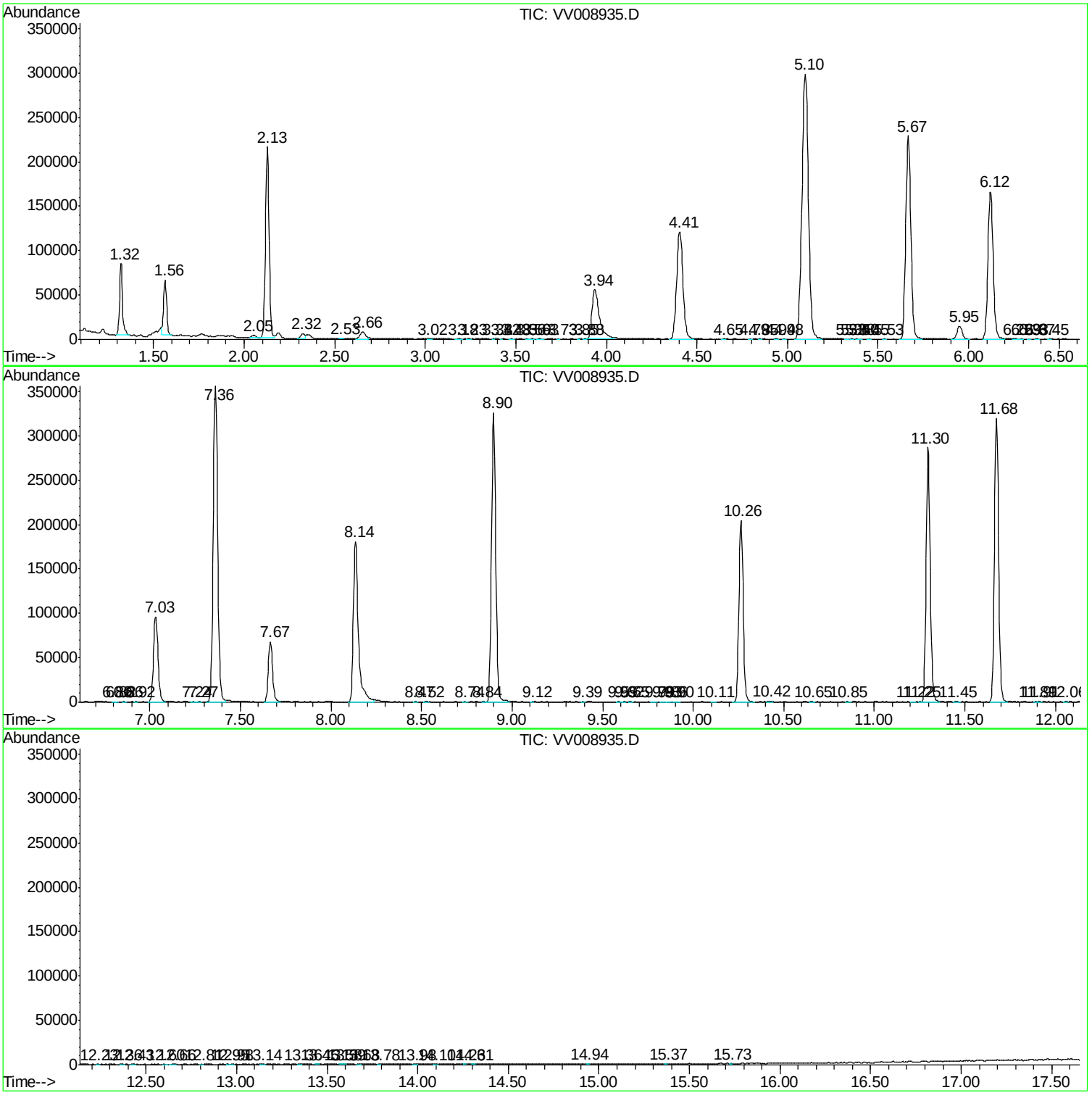
Instrument :
MSVOA_V
ClientSampleId :
C0L57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.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\VV121418\
Data File : VV008935.D
Acq On : 14 Dec 2018 17:29
Operator : SY/MD
Sample : J6369-01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0L57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis

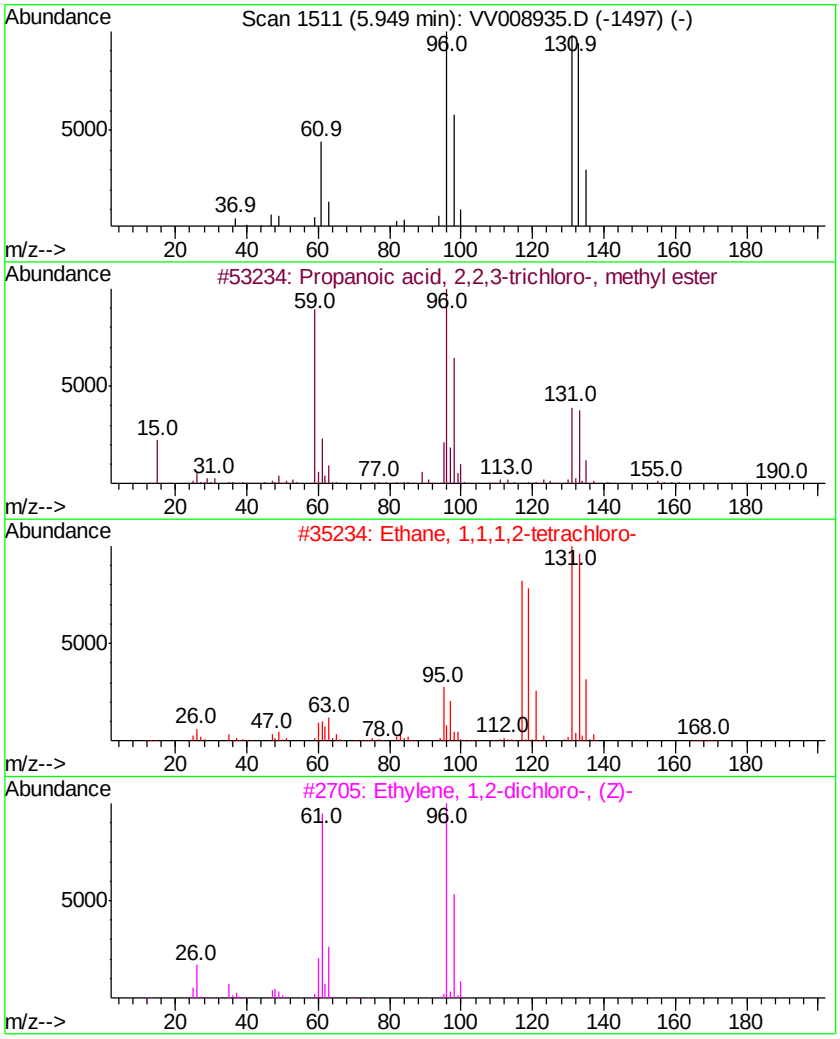
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

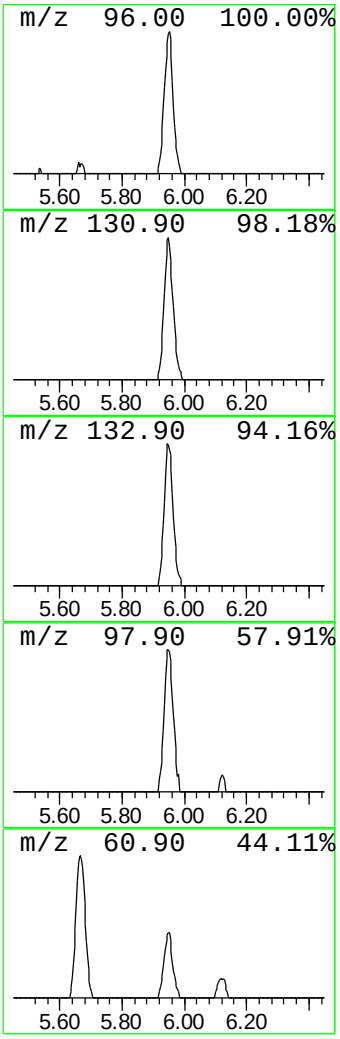
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	3.22 ug/L	29257	1,4-Difluorobenzene	5.67

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	37
3	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	35
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25
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

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propanoic acid, 2...	5.95	3.2	ug/L	29257	1	5.67	453919	50.0