LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101020\
Data File : VV018829.D
Acq On : 10 Oct 2020 13:54
Operator : SY/MD
Sample : L4239-22
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK02

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\SOMVLM100820WMA.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	1.316	64	70	89	rVB	196245	197286	14.62%	1.964%
2	1.579	145	152	164	rVB	168200	182958	13.56%	1.821%
3	2.123	311	321	351	rVB	326038	504086	37.35%	5.017%
4	2.627	473	478	490	rVB5	816	1741	0.13%	0.017%
5	2.772	520	523	524	rBV	618	346	0.03%	0.003%
6	2.959	577	581	588	rBV3	527	697	0.05%	0.007%
7	3.010	594	597	601	rBV2	415	261	0.02%	0.003%
8	3.036	601	605	609	rBV3	434	345	0.03%	0.003%
9	3.055	609	611	612	rBV3	703	394	0.03%	0.004%
10	3.110	624	628	629	rVB2	188	78	0.01%	0.001%
11	3.158	640	643	646	rBV2	489	481	0.04%	0.005%
12	3.351	699	703	707	rBV3	329	347	0.03%	0.003%
13	3.518	752	755	757	rBV2	243	157	0.01%	0.002%
14	3.569	768	771	773	rBV2	310	155	0.01%	0.002%
15	3.618	784	786	789	rVB2	462	207	0.02%	0.002%
16	3.714	809	816	819	rBV2	460	562	0.04%	0.006%
17	3.740	822	824	828	rBV2	231	136	0.01%	0.001%
18	3.807	842	845	849	rBV2	408	355	0.03%	0.004%
19	3.830	849	852	856	rVB2	406	310	0.02%	0.003%
20	3.862	856	862	864	rBV	474	423	0.03%	0.004%
21	3.917	868	879	923	rBV	91765	299103	22.16%	2.977%
22	4.296	993	997	999	rBV2	476	336	0.02%	0.003%
23	4.376	1003	1022	1046	rBV	200577	500978	37.12%	4.986%
24	4.717	1126	1128	1130	rBV	242	90	0.01%	0.001%
25	4.782	1147	1148	1150	rBV	176	96	0.01%	0.001%
26	4.814	1156	1158	1159	rBV2	321	128	0.01%	0.001%
27	4.859	1168	1172	1178	rBV2	395	425	0.03%	0.004%
28	4.894	1181	1183	1185	rBV2	186	68	0.01%	0.001%
29	5.071	1221	1238	1278	rBV2	531110	1349565	100.00%	13.432%
30	5.438	1348	1352	1355	rBV2	624	468	0.03%	0.005%
31	5.479	1363	1365	1370	rBV3	243	203	0.02%	0.002%
32	5.511	1370	1375	1380	rVB6	753	744	0.06%	0.007%
33	5.537	1380	1383	1388	rVB3	375	300	0.02%	0.003%
34	5.563	1388	1391	1394	rBV2	392	317	0.02%	0.003%

LSC Area Percent Report

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Sample : L4239-22
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK02

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\SOMVLM100820WMA.M
Title : VOC Analysis

35	5.640	1403	1415	1445	rBV	404999	805831	59.71%	8.020%
36	5.926	1492	1504	1523	rBV2	50822	103338	7.66%	1.029%
37	6.036	1536	1538	1540	rBV2	336	180	0.01%	0.002%
38	6.093	1542	1556	1580	rBV	305460	627210	46.47%	6.243%
39	6.322	1626	1627	1633	rVB	364	142	0.01%	0.001%
40	6.347	1633	1635	1637	rBV	343	179	0.01%	0.002%
41	6.376	1643	1644	1647	rVB	262	94	0.01%	0.001%
42	6.415	1651	1656	1657	rBV3	332	313	0.02%	0.003%
43	6.447	1661	1666	1667	rBV2	580	394	0.03%	0.004%
44	6.524	1686	1690	1693	rBV	341	260	0.02%	0.003%
45	6.618	1716	1719	1720	rBV	291	201	0.01%	0.002%
46	6.650	1724	1729	1731	rVV	293	203	0.02%	0.002%
47	6.666	1731	1734	1737	rBV	169	119	0.01%	0.001%
48	6.913	1809	1811	1813	rBV2	334	184	0.01%	0.002%
49	7.007	1829	1840	1869	rBV	166709	305626	22.65%	3.042%
50	7.338	1931	1943	1966	rBV	586427	1014856	75.20%	10.101%
51	7.643	2027	2038	2058	rBV	123229	218171	16.17%	2.171%
52	7.881	2110	2112	2115	rBV2	407	226	0.02%	0.002%
53	7.913	2120	2122	2126	rVB2	615	312	0.02%	0.003%
54	8.000	2142	2149	2161	rVB5	2779	4477	0.33%	0.045%
55	8.109	2173	2183	2215	rBV2	289735	606512	44.94%	6.037%
56	8.781	2389	2392	2396	rBV3	477	430	0.03%	0.004%
57	8.871	2409	2420	2453	rBV	637389	1022987	75.80%	10.182%
58	9.097	2488	2490	2491	rBV	291	151	0.01%	0.002%
59	9.325	2557	2561	2566	rBV	499	397	0.03%	0.004%
60	9.344	2566	2567	2569	rBV	266	100	0.01%	0.001%
61	9.363	2569	2573	2576	rVV2	428	399	0.03%	0.004%
62	9.402	2584	2585	2587	rBV2	295	76	0.01%	0.001%
63	9.473	2605	2607	2608	rBV	244	91	0.01%	0.001%
64	9.759	2693	2696	2698	rBV	220	158	0.01%	0.002%
65	9.804	2707	2710	2713	rBV	269	200	0.01%	0.002%
66	9.839	2717	2721	2723	rBV2	273	153	0.01%	0.002%
67	9.868	2727	2730	2738	rVB2	431	456	0.03%	0.005%
68	9.900	2738	2740	2741	rBV2	105	50	0.00%	0.000%
69	9.974	2761	2763	2765	rBV	87	46	0.00%	0.000%
70	10.010	2765	2774	2776	rBV3	270	328	0.02%	0.003%
71	10.058	2787	2789	2790	rBV3	160	78	0.01%	0.001%

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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK02

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\SOMVLM100820WMA.M
Title : VOC Analysis

72	10.087	2795	2798	2802	rBV2	323	253	0.02%	0.003%
73	10.142	2812	2815	2817	rBV2	262	172	0.01%	0.002%
74	10.193	2829	2831	2833	rBV2	140	64	0.00%	0.001%
75	10.238	2833	2845	2868	rVV	282666	450941	33.41%	4.488%
76	10.376	2882	2888	2892	rBV3	417	454	0.03%	0.005%
77	10.415	2892	2900	2905	rVV2	483	774	0.06%	0.008%
78	10.441	2906	2908	2910	rVV2	274	102	0.01%	0.001%
79	10.476	2917	2919	2920	rBV	269	115	0.01%	0.001%
80	10.707	2987	2991	2994	rBV	212	168	0.01%	0.002%
81	10.775	3009	3012	3016	rBV	269	224	0.02%	0.002%
82	10.913	3051	3055	3056	rBV	361	226	0.02%	0.002%
83	10.939	3061	3063	3066	rVB2	452	262	0.02%	0.003%
84	11.013	3084	3086	3087	rBV2	158	50	0.00%	0.000%
85	11.068	3100	3103	3105	rBV	275	172	0.01%	0.002%
86	11.187	3137	3140	3143	rBV2	247	155	0.01%	0.002%
87	11.209	3143	3147	3151	rBV2	353	258	0.02%	0.003%
88	11.270	3155	3166	3188	rBV	598518	905715	67.11%	9.014%
89	11.566	3256	3258	3260	rBV	247	99	0.01%	0.001%
90	11.598	3266	3268	3269	rBV	258	98	0.01%	0.001%
91	11.646	3270	3283	3302	rVV	594581	925765	68.60%	9.214%
92	12.051	3406	3409	3412	rBV2	476	295	0.02%	0.003%
93	12.331	3494	3496	3499	rBV2	302	171	0.01%	0.002%
94	12.666	3596	3600	3604	rVB2	457	359	0.03%	0.004%
95	12.688	3604	3607	3608	rBV2	376	232	0.02%	0.002%
96	12.759	3625	3629	3631	rBV2	342	265	0.02%	0.003%
97	12.897	3669	3672	3678	rVB2	336	320	0.02%	0.003%
98	12.942	3684	3686	3689	rBV	283	201	0.01%	0.002%
99	12.968	3692	3694	3696	rBV2	283	133	0.01%	0.001%
100	13.891	3979	3981	3984	rBV	359	262	0.02%	0.003%

Sum of corrected areas: 10047379

LSC Report - Integrated Chromatogram

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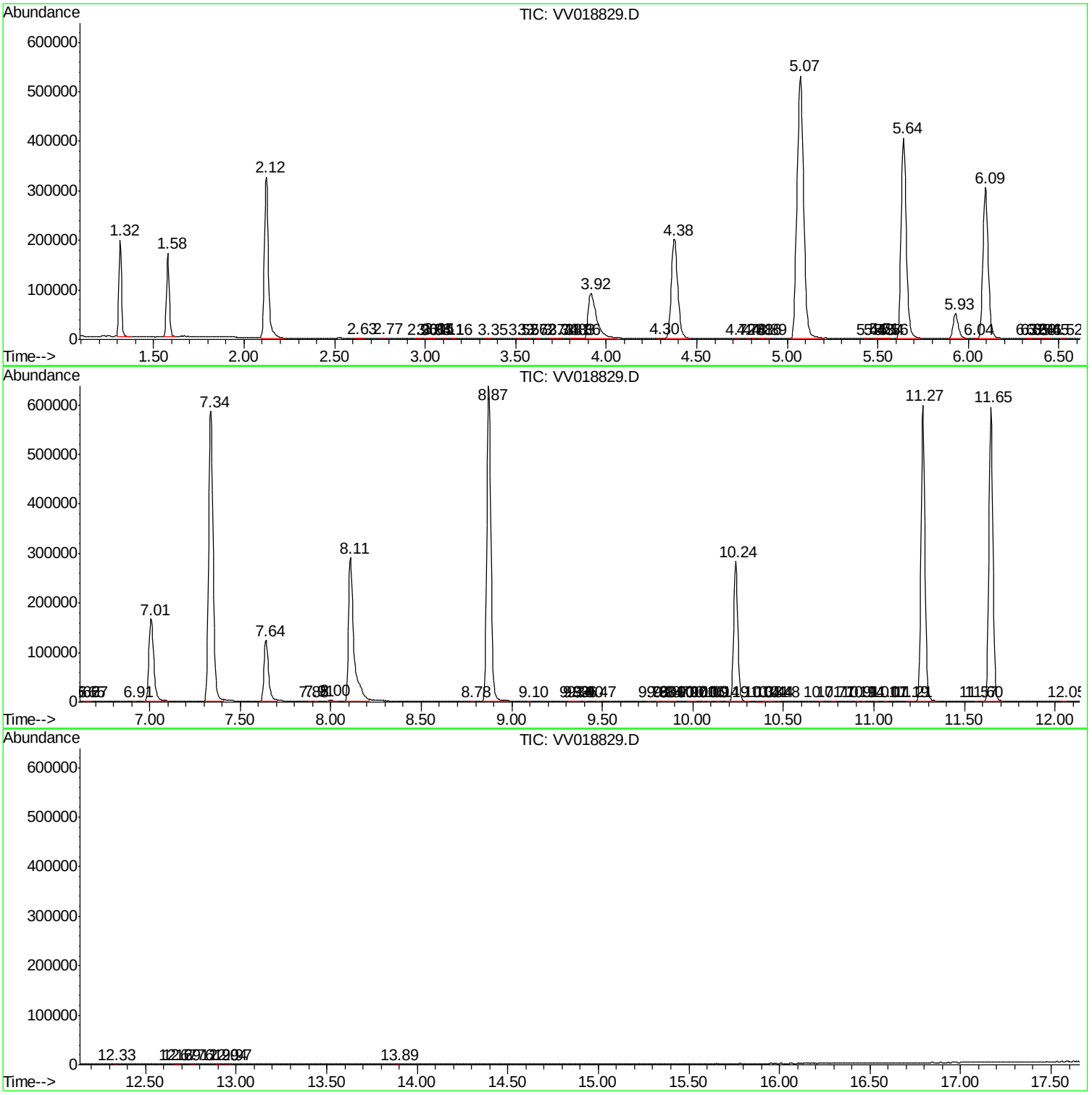
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.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\VV101020\
Data File : VV018829.D
Acq On : 10 Oct 2020 13:54
Operator : SY/MD
Sample : L4239-22
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

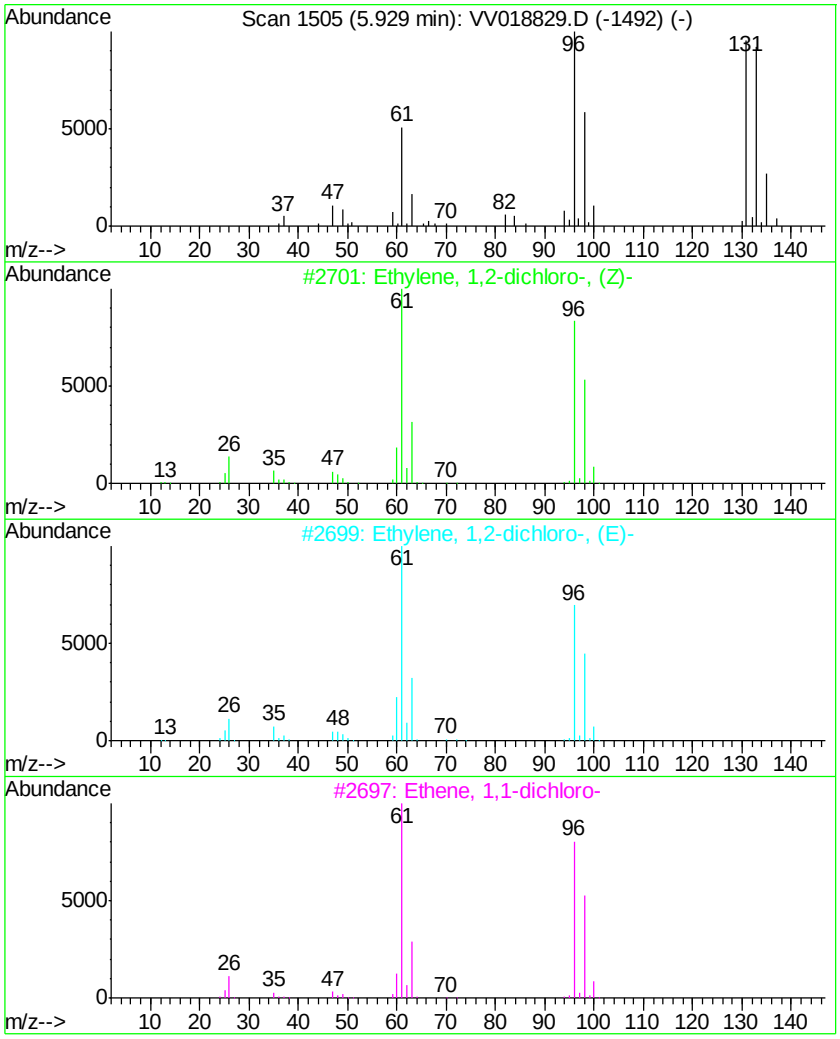
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

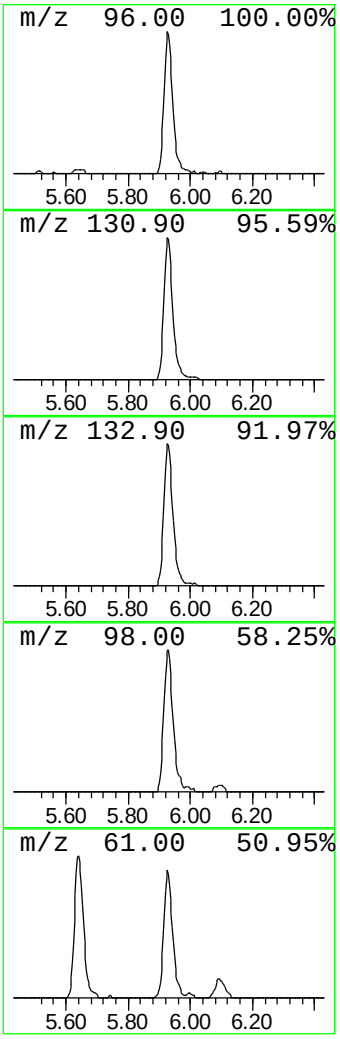
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	6.41 ug/L	103338	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
2	Ethylene, 1,2-dichloro-, (E)-	96	C2H2Cl2	000156-60-5	38
3	Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	38
4	1,2-Dichloroethylene	96	C2H2Cl2	000540-59-0	38
5	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101020\
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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
unknown-01	5.93	6.4	ug/L	103338	1	5.64	805831	50.0