LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101519\
Data File : VV013161.D
Acq On : 15 Oct 2019 12:59
Operator : SY/MD
Sample : K5347-12
Misc : 5.00ML/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG1

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\SOMVLM101119WMA.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	64	71	89	rVB	360191	373169	14.71%	1.988%
2	1.582	146	153	170	rBV	297474	335871	13.24%	1.790%
3	2.129	313	323	336	rBV	578539	811173	31.97%	4.322%
4	3.052	607	610	612	rVB3	873	385	0.02%	0.002%
5	3.241	666	669	675	rBV5	763	835	0.03%	0.004%
6	3.357	701	705	709	rBV3	1042	885	0.03%	0.005%
7	3.383	711	713	717	rVB4	631	423	0.02%	0.002%
8	3.425	723	726	730	rVB3	531	422	0.02%	0.002%
9	3.592	776	778	783	rVB2	660	441	0.02%	0.002%
10	3.621	783	787	790	rBV2	614	443	0.02%	0.002%
11	3.669	798	802	805	rVB2	482	416	0.02%	0.002%
12	3.717	815	817	823	rVB4	534	438	0.02%	0.002%
13	3.794	836	841	844	rBV3	779	639	0.03%	0.003%
14	3.852	857	859	864	rVB4	765	603	0.02%	0.003%
15	3.971	881	896	949	rBV	101125	539558	21.27%	2.875%
16	4.399	1012	1029	1068	rVB	395870	980166	38.63%	5.223%
17	4.601	1090	1092	1096	rVB2	1202	787	0.03%	0.004%
18	4.630	1096	1101	1103	rBV2	951	923	0.04%	0.005%
19	4.698	1119	1122	1127	rVB3	881	556	0.02%	0.003%
20	4.743	1131	1136	1144	rVB7	597	590	0.02%	0.003%
21	4.875	1173	1177	1181	rBV2	653	562	0.02%	0.003%
22	4.961	1201	1204	1206	rBV2	581	393	0.02%	0.002%
23	5.093	1226	1245	1277	rBV2	1027080	2537008	100.00%	13.518%
24	5.441	1345	1353	1354	rBV5	689	831	0.03%	0.004%
25	5.508	1371	1374	1380	rBV4	555	584	0.02%	0.003%
26	5.572	1390	1394	1399	rBV4	589	566	0.02%	0.003%
27	5.601	1399	1403	1407	rBV3	1105	1170	0.05%	0.006%
28	5.662	1407	1422	1455	rBV	796631	1589558	62.65%	8.470%
29	5.871	1483	1487	1489	rBV	663	451	0.02%	0.002%
30	5.945	1497	1510	1527	rBV2	70463	140769	5.55%	0.750%
31	6.051	1540	1543	1545	rVB3	630	435	0.02%	0.002%
32	6.116	1545	1563	1587	rBV	564352	1153387	45.46%	6.146%
33	6.334	1627	1631	1632	rBV4	757	457	0.02%	0.002%
34	6.344	1632	1634	1635	rVV2	1198	546	0.02%	0.003%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Title : VOC Analysis

35	6.357	1635	1638	1646	rVV7	1748	2451	0.10%	0.013%
36	6.421	1654	1658	1662	rVB2	480	387	0.02%	0.002%
37	6.662	1724	1733	1737	rBV4	2410	3883	0.15%	0.021%
38	6.794	1770	1774	1779	rBV4	450	387	0.02%	0.002%
39	7.029	1833	1847	1873	rBV	274382	511883	20.18%	2.728%
40	7.277	1919	1924	1925	rBV2	851	607	0.02%	0.003%
41	7.357	1934	1949	1986	rBV	1122087	1963376	77.39%	10.462%
42	7.662	2029	2044	2063	rBV	196047	341896	13.48%	1.822%
43	7.826	2091	2095	2098	rVV4	669	509	0.02%	0.003%
44	7.858	2102	2105	2109	rBV3	594	572	0.02%	0.003%
45	7.900	2113	2118	2121	rBV5	641	656	0.03%	0.003%
46	7.968	2136	2139	2141	rBV4	811	569	0.02%	0.003%
47	8.016	2142	2154	2169	rVV	142494	240933	9.50%	1.284%
48	8.138	2180	2192	2230	rBV2	459340	1131506	44.60%	6.029%
49	8.402	2272	2274	2279	rVB5	1088	804	0.03%	0.004%
50	8.431	2279	2283	2286	rBV5	892	743	0.03%	0.004%
51	8.585	2329	2331	2335	rVB3	800	408	0.02%	0.002%
52	8.894	2412	2427	2451	rBV	1172162	1935360	76.29%	10.312%
53	9.090	2486	2488	2493	rVB3	737	501	0.02%	0.003%
54	9.180	2511	2516	2522	rVV5	2763	3637	0.14%	0.019%
55	9.206	2522	2524	2528	rVB2	1339	781	0.03%	0.004%
56	9.254	2535	2539	2542	rBV4	657	452	0.02%	0.002%
57	9.309	2551	2556	2558	rBV2	784	450	0.02%	0.002%
58	9.373	2574	2576	2581	rVB2	763	553	0.02%	0.003%
59	9.411	2584	2588	2591	rBV	579	500	0.02%	0.003%
60	9.588	2635	2643	2644	rBV2	949	1007	0.04%	0.005%
61	9.598	2644	2646	2650	rVV2	723	525	0.02%	0.003%
62	9.698	2673	2677	2682	rBV5	564	712	0.03%	0.004%
63	9.736	2686	2689	2693	rVB2	617	438	0.02%	0.002%
64	9.765	2693	2698	2701	rBV5	527	614	0.02%	0.003%
65	9.858	2717	2727	2737	rBV10	7935	14384	0.57%	0.077%
66	9.964	2756	2760	2761	rBV3	883	591	0.02%	0.003%
67	10.257	2838	2851	2876	rBV	650713	1033903	40.75%	5.509%
68	10.421	2895	2902	2911	rVB7	2308	3635	0.14%	0.019%
69	10.479	2915	2920	2922	rBV3	601	456	0.02%	0.002%
70	10.495	2922	2925	2927	rBV2	630	435	0.02%	0.002%
71	10.524	2932	2934	2940	rVB2	488	444	0.02%	0.002%

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Integrator: RTE
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Title : VOC Analysis

72	10.649	2968	2973	2975	rBV2	588	413	0.02%	0.002%
73	10.694	2984	2987	2991	rBV2	464	378	0.01%	0.002%
74	10.720	2991	2995	2998	rBV2	758	559	0.02%	0.003%
75	10.752	3002	3005	3010	rVB	523	375	0.01%	0.002%
76	10.881	3042	3045	3048	rVB3	855	490	0.02%	0.003%
77	10.910	3048	3054	3058	rBV3	752	1102	0.04%	0.006%
78	11.145	3123	3127	3129	rBV3	591	413	0.02%	0.002%
79	11.196	3132	3143	3156	rBV10	9008	16453	0.65%	0.088%
80	11.289	3159	3172	3192	rBV	947578	1477985	58.26%	7.875%
81	11.479	3229	3231	3237	rVB4	664	457	0.02%	0.002%
82	11.582	3256	3263	3266	rBV5	1925	2141	0.08%	0.011%
83	11.669	3276	3290	3308	rBV	987882	1560925	61.53%	8.317%
84	11.958	3376	3380	3383	rVV4	560	534	0.02%	0.003%
85	12.144	3435	3438	3442	rVB2	1075	741	0.03%	0.004%
86	12.395	3507	3516	3526	rBV6	6365	9969	0.39%	0.053%
87	12.444	3529	3531	3535	rVB5	838	479	0.02%	0.003%
88	12.511	3548	3552	3557	rVB4	536	452	0.02%	0.002%
89	12.607	3577	3582	3586	rBV4	922	1079	0.04%	0.006%
90	12.659	3593	3598	3599	rBV3	486	415	0.02%	0.002%
91	12.691	3601	3608	3616	rVB6	2380	4113	0.16%	0.022%
92	12.813	3643	3646	3648	rBV	526	367	0.01%	0.002%
93	12.871	3661	3664	3665	rBV2	628	384	0.02%	0.002%
94	12.910	3674	3676	3681	rVV	599	438	0.02%	0.002%
95	13.096	3730	3734	3737	rBV2	466	382	0.02%	0.002%
96	13.228	3773	3775	3778	rBV2	761	533	0.02%	0.003%
97	13.299	3794	3797	3798	rBV2	1194	650	0.03%	0.003%
98	13.794	3944	3951	3963	rBV6	4518	7244	0.29%	0.039%
99	14.096	4043	4045	4050	rVB	576	331	0.01%	0.002%
100	15.736	4552	4555	4558	rBV3	1335	1008	0.04%	0.005%

Sum of corrected areas: 18767198

LSC Report - Integrated Chromatogram

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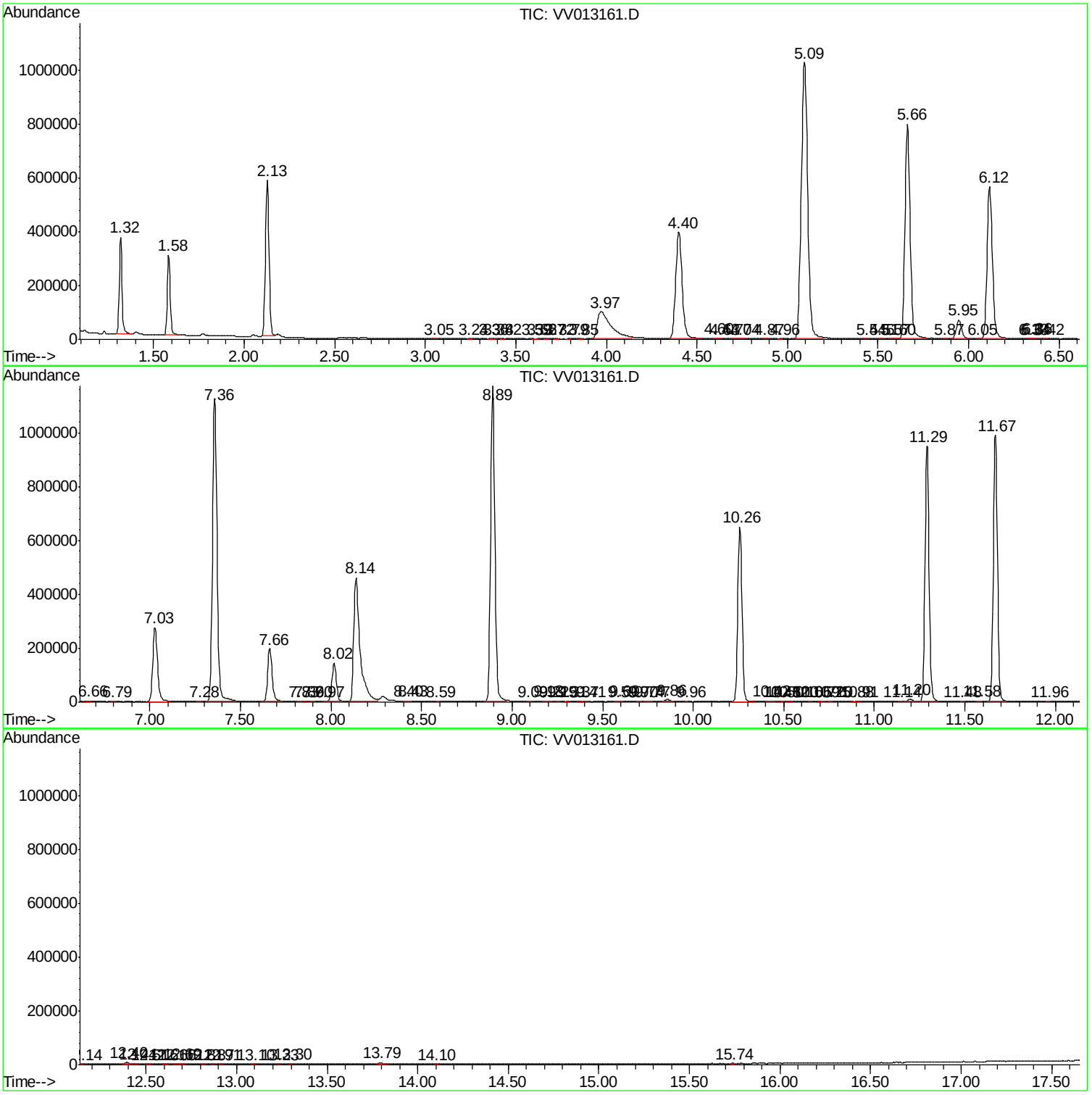
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis

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



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Instrument : MSVOA_V
ClientSampleId : C0AG1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis

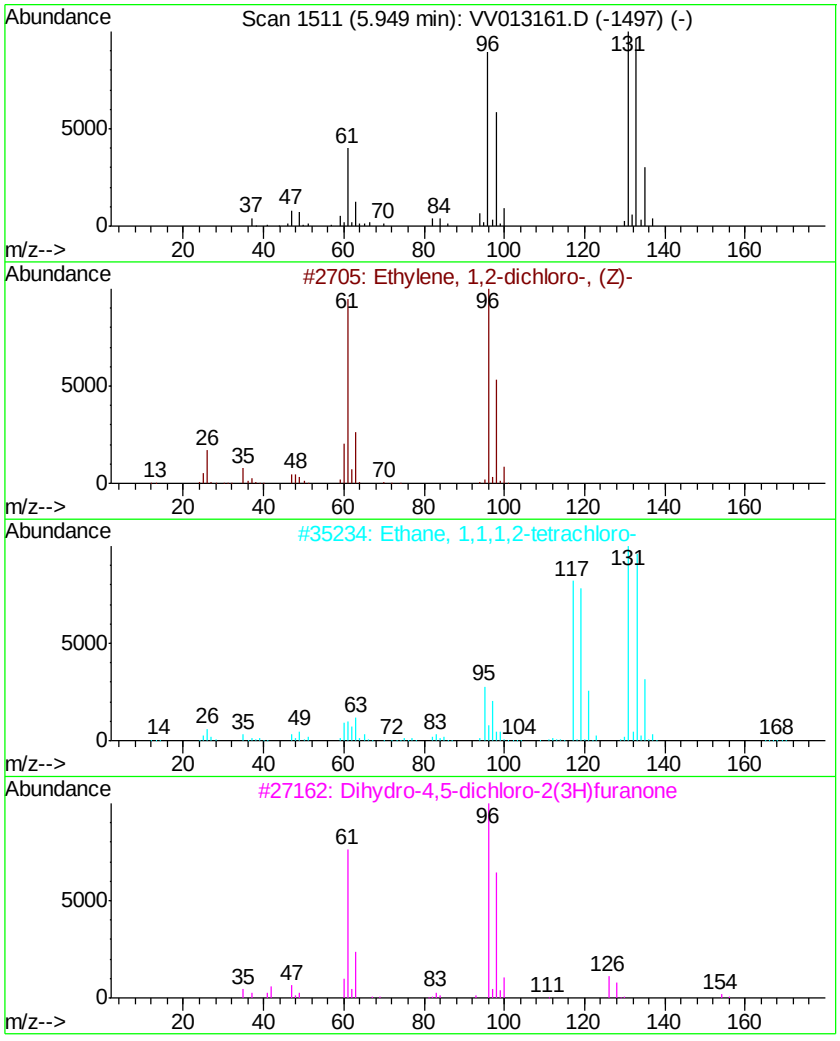
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

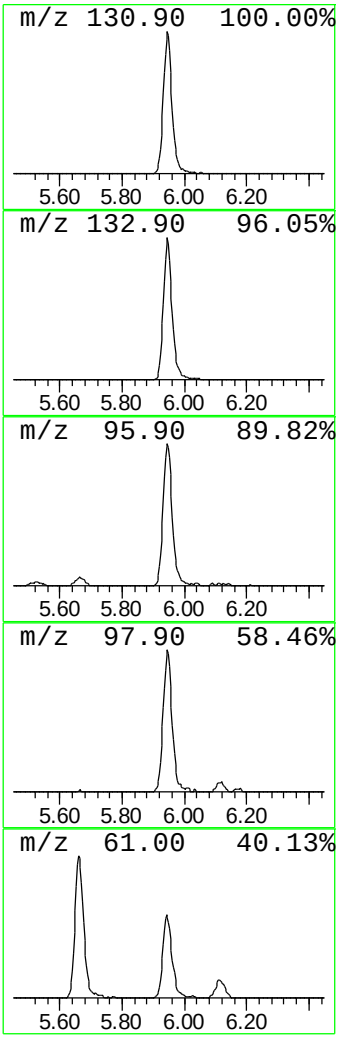
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	4.43 ug/L	140769	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	17
4	4(1H)-Pyrimidinone	96	C4H4N2O	004562-27-0	9
5	1,2,4-Triazolidin-3-one, 4-methy...	131	C3H5N3OS	022244-61-7	9





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
unknown-01	5.95	4.4	ug/L	140769	1	5.66	1589560	50.0