LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
Data File : VV012770.D
Acq On : 14 Sep 2019 16:56
Operator : SY/MD
Sample : K4868-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0ML1

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\SOMVLM091319WMA.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	66	71	85	rVB	273094	274418	10.29%	1.376%
2	1.579	145	152	163	rVB	258185	291098	10.91%	1.460%
3	2.129	314	323	334	rBV	497156	688723	25.81%	3.454%
4	2.393	403	405	408	rBV3	1415	794	0.03%	0.004%
5	2.721	505	507	514	rVB4	877	850	0.03%	0.004%
6	2.891	554	560	563	rBV4	1301	1109	0.04%	0.006%
7	2.955	578	580	583	rBV2	873	419	0.02%	0.002%
8	3.129	631	634	638	rBV2	525	472	0.02%	0.002%
9	3.164	639	645	647	rBV4	802	839	0.03%	0.004%
10	3.213	658	660	661	rBV2	558	225	0.01%	0.001%
11	3.235	665	667	669	rBV3	586	370	0.01%	0.002%
12	3.286	677	683	686	rBV6	688	801	0.03%	0.004%
13	3.319	690	693	694	rBV	725	412	0.02%	0.002%
14	3.367	706	708	709	rBV2	555	234	0.01%	0.001%
15	3.486	741	745	749	rVB4	642	625	0.02%	0.003%
16	3.592	775	778	779	rBV	615	313	0.01%	0.002%
17	3.682	802	806	808	rBV3	411	262	0.01%	0.001%
18	3.740	820	824	826	rBV2	779	476	0.02%	0.002%
19	3.782	834	837	839	rBV2	689	404	0.02%	0.002%
20	3.807	842	845	848	rBV3	869	635	0.02%	0.003%
21	3.827	848	851	855	rBV4	590	396	0.01%	0.002%
22	3.923	869	881	919	rBV	279044	758826	28.44%	3.806%
23	4.270	987	989	992	rBV3	950	615	0.02%	0.003%
24	4.399	1011	1029	1060	rBV	470099	1144063	42.88%	5.738%
25	4.688	1116	1119	1122	rBV3	920	655	0.02%	0.003%
26	4.865	1170	1174	1176	rBV2	947	703	0.03%	0.004%
27	4.939	1195	1197	1200	rBV2	600	286	0.01%	0.001%
28	5.093	1225	1245	1269	rBV2	1041308	2667947	100.00%	13.382%
29	5.492	1365	1369	1370	rBV3	789	461	0.02%	0.002%
30	5.556	1386	1389	1393	rVB5	1105	940	0.04%	0.005%
31	5.579	1393	1396	1397	rBV2	685	351	0.01%	0.002%
32	5.663	1407	1422	1446	rBV	830493	1638010	61.40%	8.216%
33	5.946	1498	1510	1528	rBV2	121319	252827	9.48%	1.268%
34	6.116	1549	1563	1591	rBV	669680	1340707	50.25%	6.725%

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Instrument : MSVOA_V
ClientSampleId : C0ML1

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\SOMVLM091319WMA.M
Title : VOC Analysis

35	6.434	1660	1662	1664	rBV3	588	317	0.01%	0.002%
36	6.447	1664	1666	1668	rVB3	1009	396	0.01%	0.002%
37	6.476	1673	1675	1676	rBV2	749	350	0.01%	0.002%
38	6.573	1702	1705	1708	rVB3	1588	802	0.03%	0.004%
39	6.589	1708	1710	1713	rVB3	533	334	0.01%	0.002%
40	6.646	1718	1728	1737	rBV3	6205	11450	0.43%	0.057%
41	6.775	1766	1768	1771	rVB4	966	496	0.02%	0.002%
42	6.855	1791	1793	1796	rBV3	675	582	0.02%	0.003%
43	6.936	1815	1818	1822	rBV4	472	417	0.02%	0.002%
44	6.955	1822	1824	1827	rVB2	737	341	0.01%	0.002%
45	6.974	1827	1830	1831	rBV2	530	322	0.01%	0.002%
46	7.026	1834	1846	1865	rBV2	318388	564222	21.15%	2.830%
47	7.286	1925	1927	1929	rBV	1142	470	0.02%	0.002%
48	7.357	1935	1949	1969	rBV	1142434	1963943	73.61%	9.851%
49	7.659	2032	2043	2060	rBV	224196	381456	14.30%	1.913%
50	7.971	2134	2140	2149	rBV6	3377	5605	0.21%	0.028%
51	8.010	2149	2152	2155	rBV4	1571	1374	0.05%	0.007%
52	8.129	2177	2189	2230	rBV2	699998	1506150	56.45%	7.554%
53	8.624	2336	2343	2345	rBV7	1741	1930	0.07%	0.010%
54	8.653	2350	2352	2355	rBV4	871	713	0.03%	0.004%
55	8.810	2398	2401	2406	rVB4	841	794	0.03%	0.004%
56	8.846	2406	2412	2413	rBV5	981	939	0.04%	0.005%
57	8.894	2414	2427	2461	rVV	1201892	1961563	73.52%	9.839%
58	9.100	2487	2491	2496	rVB7	1211	1295	0.05%	0.006%
59	9.122	2496	2498	2502	rVB3	1008	565	0.02%	0.003%
60	9.151	2502	2507	2508	rBV2	1258	1013	0.04%	0.005%
61	9.248	2531	2537	2539	rBV4	990	1158	0.04%	0.006%
62	9.293	2548	2551	2554	rBV4	1313	1037	0.04%	0.005%
63	9.344	2565	2567	2571	rBV	766	716	0.03%	0.004%
64	9.425	2588	2592	2594	rBV4	814	653	0.02%	0.003%
65	9.476	2606	2608	2611	rVB3	678	390	0.01%	0.002%
66	9.617	2650	2652	2655	rBV2	751	490	0.02%	0.002%
67	9.695	2674	2676	2678	rVB3	886	369	0.01%	0.002%
68	9.762	2695	2697	2700	rVB3	533	296	0.01%	0.001%
69	9.785	2700	2704	2705	rBV	688	394	0.01%	0.002%
70	9.849	2722	2724	2728	rBV2	854	542	0.02%	0.003%
71	9.897	2738	2739	2743	rVB3	806	448	0.02%	0.002%

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Instrument : MSVOA_V
ClientSampleId : C0ML1

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\SOMVLM091319WMA.M
Title : VOC Analysis

72	9.916	2743	2745	2746	rBV2	563	286	0.01%	0.001%
73	10.093	2797	2800	2808	rVB7	1200	1270	0.05%	0.006%
74	10.125	2808	2810	2813	rBV3	420	268	0.01%	0.001%
75	10.145	2813	2816	2819	rBV3	679	573	0.02%	0.003%
76	10.212	2835	2837	2839	rBV3	431	327	0.01%	0.002%
77	10.257	2839	2851	2872	rVV	802797	1253954	47.00%	6.289%
78	10.421	2894	2902	2911	rVB6	5230	7894	0.30%	0.040%
79	10.469	2914	2917	2920	rVB3	752	444	0.02%	0.002%
80	10.486	2920	2922	2923	rBV	719	278	0.01%	0.001%
81	10.543	2936	2940	2943	rBV3	907	710	0.03%	0.004%
82	10.560	2943	2945	2947	rVV	867	224	0.01%	0.001%
83	10.621	2960	2964	2967	rBV4	1207	1126	0.04%	0.006%
84	10.659	2974	2976	2979	rVB2	697	341	0.01%	0.002%
85	10.752	3001	3005	3008	rBV4	781	732	0.03%	0.004%
86	10.852	3033	3036	3039	rBV3	709	400	0.01%	0.002%
87	10.894	3047	3049	3056	rVB6	803	867	0.03%	0.004%
88	10.945	3060	3065	3066	rBV4	671	428	0.02%	0.002%
89	10.958	3066	3069	3073	rBV3	812	736	0.03%	0.004%
90	11.032	3088	3092	3095	rBV4	914	781	0.03%	0.004%
91	11.151	3127	3129	3133	rBV2	959	763	0.03%	0.004%
92	11.293	3160	3173	3197	rBV	888501	1391305	52.15%	6.978%
93	11.669	3277	3290	3311	rBV	1123911	1786203	66.95%	8.959%
94	11.897	3359	3361	3363	rVB2	804	348	0.01%	0.002%
95	11.916	3363	3367	3368	rBV2	675	445	0.02%	0.002%
96	12.167	3443	3445	3447	rBV2	622	245	0.01%	0.001%
97	12.659	3595	3598	3601	rBV2	783	581	0.02%	0.003%
98	12.736	3620	3622	3625	rVB	1129	506	0.02%	0.003%
99	12.900	3671	3673	3676	rBV2	753	358	0.01%	0.002%
100	13.228	3773	3775	3778	rBV2	673	341	0.01%	0.002%

Sum of corrected areas: 19937332

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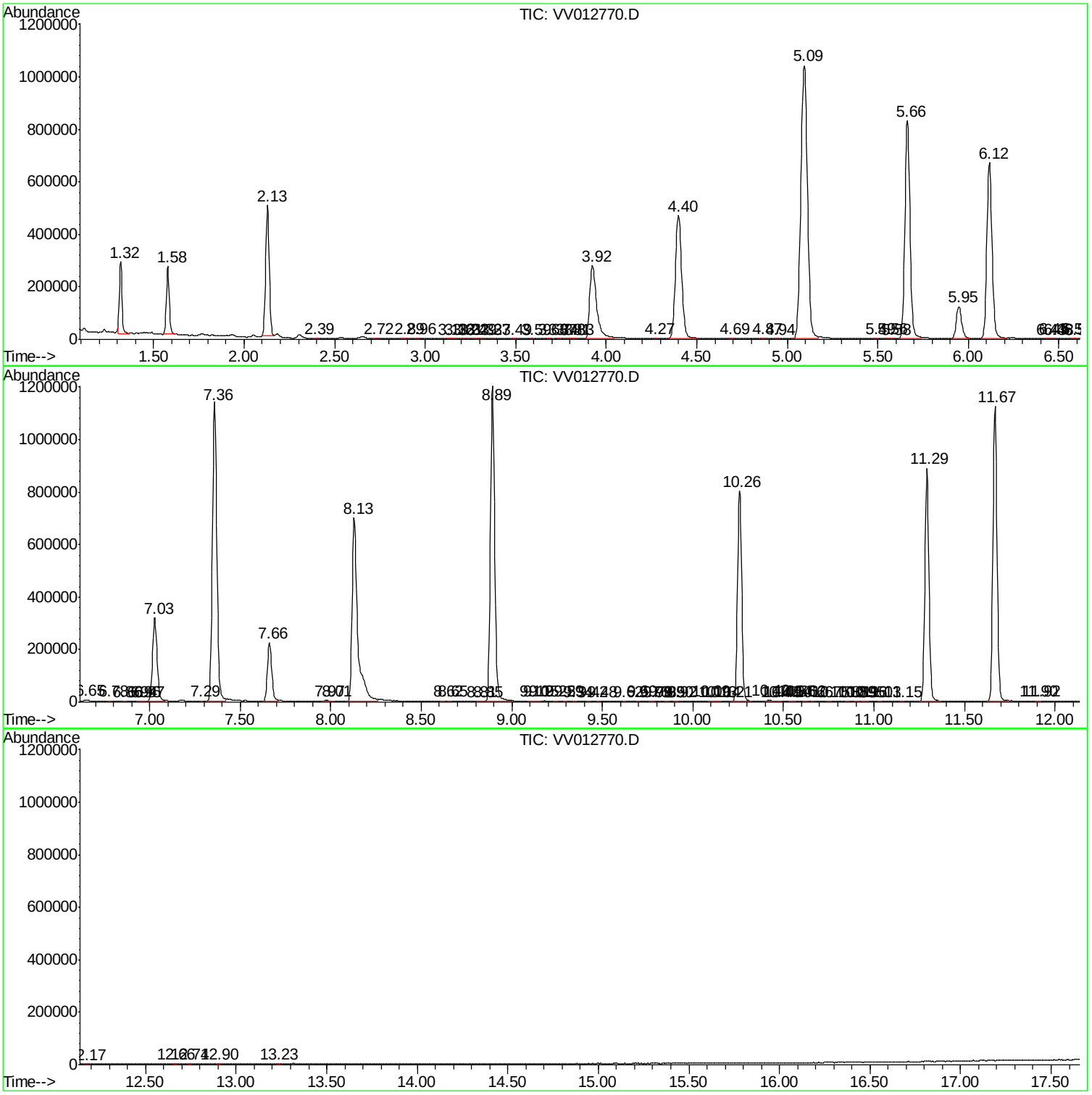
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091319\
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Acq On : 14 Sep 2019 16:56
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0ML1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
Quant Title : VOC Analysis

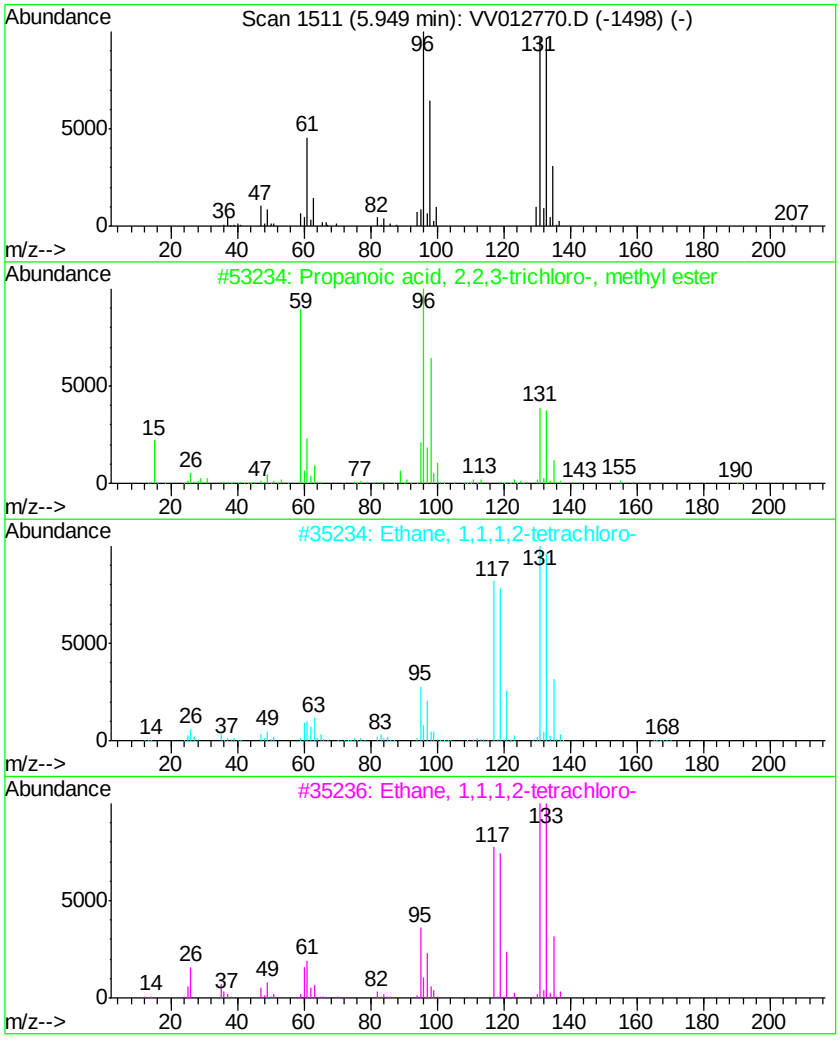
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

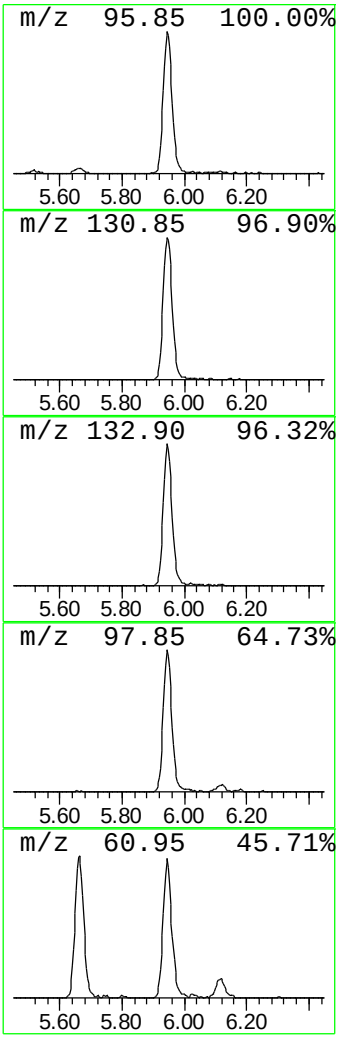
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	7.72 ug/L	252827	1,4-Difluorobenzene	5.66

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





Tentatively Identified Compound (LSC) summary

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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	7.7	ug/L	252827	1	5.66	1638010	50.0