LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061920\
Data File : VV016998.D
Acq On : 19 Jun 2020 14:17
Operator : SY/MD
Sample : L3074-10
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9M20

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\SOMVLM060820WMA.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	64	70	81	rVB	174634	177701	12.83%	1.769%
2	1.579	145	152	162	rVB	127964	138270	9.98%	1.377%
3	2.123	312	321	343	rVB	290438	434488	31.37%	4.326%
4	2.425	413	415	419	rBV5	1518	869	0.06%	0.009%
5	2.627	475	478	482	rBV5	1052	887	0.06%	0.009%
6	2.650	484	485	492	rVB5	2222	1719	0.12%	0.017%
7	2.682	492	495	497	rBV3	1813	1114	0.08%	0.011%
8	2.733	509	511	516	rBV4	1346	1344	0.10%	0.013%
9	2.901	561	563	566	rVB4	1581	896	0.06%	0.009%
10	2.952	576	579	580	rBV4	1501	847	0.06%	0.008%
11	3.139	632	637	639	rBV6	1205	1017	0.07%	0.010%
12	3.184	648	651	653	rBV2	1069	816	0.06%	0.008%
13	3.248	669	671	674	rBV4	1544	1107	0.08%	0.011%
14	3.293	681	685	687	rBV5	1525	1095	0.08%	0.011%
15	3.389	712	715	718	rBV5	1831	1185	0.09%	0.012%
16	3.576	768	773	779	rVB10	1732	1849	0.13%	0.018%
17	3.634	788	791	793	rVB4	1206	768	0.06%	0.008%
18	3.856	856	860	863	rVB7	1915	1214	0.09%	0.012%
19	3.910	863	877	905	rBV	91261	269066	19.42%	2.679%
20	4.376	1000	1022	1042	rBV2	235510	588296	42.47%	5.857%
21	4.692	1118	1120	1125	rBV6	1499	1296	0.09%	0.013%
22	4.910	1185	1188	1191	rBV4	1568	1071	0.08%	0.011%
23	4.997	1211	1215	1218	rBV4	1210	1450	0.10%	0.014%
24	5.074	1221	1239	1260	rVV2	539105	1385160	100.00%	13.790%
25	5.640	1401	1415	1435	rBV	364960	728190	52.57%	7.250%
26	5.823	1468	1472	1474	rBV5	1374	1007	0.07%	0.010%
27	5.926	1493	1504	1520	rBV2	50521	105357	7.61%	1.049%
28	6.093	1543	1556	1578	rBV	309088	618143	44.63%	6.154%
29	6.341	1631	1633	1636	rVB3	1606	676	0.05%	0.007%
30	6.376	1640	1644	1650	rBV6	1982	2082	0.15%	0.021%
31	6.473	1672	1674	1678	rBV5	1020	740	0.05%	0.007%
32	6.573	1700	1705	1708	rBV7	1640	1360	0.10%	0.014%
33	6.727	1750	1753	1756	rBV4	1712	1470	0.11%	0.015%
34	7.007	1828	1840	1857	rBV	178952	321699	23.22%	3.203%

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ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9M20

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\SOMVLM060820WMA.M
Title : VOC Analysis

35	7.148	1881	1884	1887	rBV5	1477	1017	0.07%	0.010%
36	7.338	1932	1943	1962	rVV	652904	1107698	79.97%	11.028%
37	7.601	2021	2025	2026	rVV3	1853	1277	0.09%	0.013%
38	7.640	2028	2037	2062	rVB	126772	220442	15.91%	2.195%
39	7.827	2091	2095	2097	rBV4	1134	902	0.07%	0.009%
40	7.891	2113	2115	2118	rBV3	1556	1064	0.08%	0.011%
41	7.949	2131	2133	2136	rVV3	1435	931	0.07%	0.009%
42	8.109	2173	2183	2222	rVV3	266180	581048	41.95%	5.785%
43	8.360	2259	2261	2263	rBV3	1409	692	0.05%	0.007%
44	8.466	2292	2294	2296	rBV3	1609	984	0.07%	0.010%
45	8.653	2348	2352	2356	rBV6	1492	1376	0.10%	0.014%
46	8.752	2380	2383	2387	rBV5	1758	1174	0.08%	0.012%
47	8.778	2389	2391	2396	rBV5	1418	1087	0.08%	0.011%
48	8.871	2408	2420	2439	rBV	541056	880779	63.59%	8.769%
49	9.032	2466	2470	2473	rBV4	1843	1698	0.12%	0.017%
50	9.125	2497	2499	2501	rBV3	1165	669	0.05%	0.007%
51	9.232	2527	2532	2536	rBV6	1742	1505	0.11%	0.015%
52	9.299	2551	2553	2555	rBV2	1455	978	0.07%	0.010%
53	9.470	2604	2606	2611	rVB3	976	879	0.06%	0.009%
54	9.566	2631	2636	2637	rBV4	1647	1325	0.10%	0.013%
55	9.650	2660	2662	2663	rBV2	1395	678	0.05%	0.007%
56	9.778	2700	2702	2705	rVB3	1403	679	0.05%	0.007%
57	9.797	2705	2708	2711	rBV4	985	712	0.05%	0.007%
58	9.849	2721	2724	2727	rBV3	1268	941	0.07%	0.009%
59	9.923	2744	2747	2750	rBV4	1188	1014	0.07%	0.010%
60	9.990	2764	2768	2770	rBV5	1136	920	0.07%	0.009%
61	10.106	2801	2804	2808	rVB3	1285	706	0.05%	0.007%
62	10.148	2813	2817	2820	rBV5	1663	1201	0.09%	0.012%
63	10.238	2831	2845	2863	rBV	322270	514527	37.15%	5.122%
64	10.640	2967	2970	2971	rBV3	1786	897	0.06%	0.009%
65	10.772	3008	3011	3012	rBV3	1328	691	0.05%	0.007%
66	10.881	3040	3045	3050	rBV9	2395	2098	0.15%	0.021%
67	10.977	3071	3075	3077	rBV3	1605	1294	0.09%	0.013%
68	11.019	3085	3088	3093	rBV5	1521	1581	0.11%	0.016%
69	11.164	3130	3133	3136	rBV5	1071	736	0.05%	0.007%
70	11.186	3138	3140	3143	rBV4	1002	697	0.05%	0.007%
71	11.270	3155	3166	3183	rBV	547132	834601	60.25%	8.309%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Title : VOC Analysis

72	11.489	3230	3234	3238	rBV6	2000	1801	0.13%	0.018%
73	11.563	3253	3257	3262	rBV7	2191	2818	0.20%	0.028%
74	11.646	3269	3283	3305	rBV	678958	1045982	75.51%	10.414%
75	11.785	3323	3326	3329	rBV5	1724	1279	0.09%	0.013%
76	11.907	3362	3364	3368	rVB4	1567	981	0.07%	0.010%
77	11.932	3368	3372	3375	rBV5	1082	830	0.06%	0.008%
78	11.997	3388	3392	3394	rBV3	1089	859	0.06%	0.009%
79	12.090	3419	3421	3425	rBV5	1648	1394	0.10%	0.014%
80	12.296	3483	3485	3488	rBV3	1158	714	0.05%	0.007%
81	12.338	3492	3498	3499	rBV5	2128	1535	0.11%	0.015%
82	12.392	3512	3515	3517	rBV4	1308	874	0.06%	0.009%
83	12.505	3548	3550	3553	rBV3	1196	950	0.07%	0.009%
84	12.543	3559	3562	3565	rBV4	1053	720	0.05%	0.007%
85	12.900	3671	3673	3677	rBV4	1192	872	0.06%	0.009%
86	12.948	3684	3688	3691	rBV5	1331	1120	0.08%	0.011%
87	13.026	3708	3712	3717	rVB6	2201	1713	0.12%	0.017%
88	13.055	3717	3721	3723	rBV4	1470	1063	0.08%	0.011%
89	13.074	3725	3727	3730	rVB3	1205	731	0.05%	0.007%
90	13.228	3773	3775	3778	rVB4	1546	779	0.06%	0.008%
91	13.482	3852	3854	3859	rVB6	1474	977	0.07%	0.010%
92	13.511	3859	3863	3865	rBV3	1949	1237	0.09%	0.012%
93	13.524	3865	3867	3869	rBV3	1834	791	0.06%	0.008%
94	13.656	3905	3908	3911	rBV5	1637	1154	0.08%	0.011%
95	13.701	3918	3922	3924	rBV4	1294	916	0.07%	0.009%
96	13.929	3988	3993	3995	rBV3	2103	1818	0.13%	0.018%
97	14.550	4183	4186	4190	rVB4	1674	1163	0.08%	0.012%
98	14.585	4194	4197	4198	rBV3	1510	930	0.07%	0.009%
99	14.852	4277	4280	4284	rBV4	1384	1367	0.10%	0.014%
100	15.453	4465	4467	4472	rBV4	1757	1339	0.10%	0.013%

Sum of corrected areas: 10044454

LSC Report - Integrated Chromatogram

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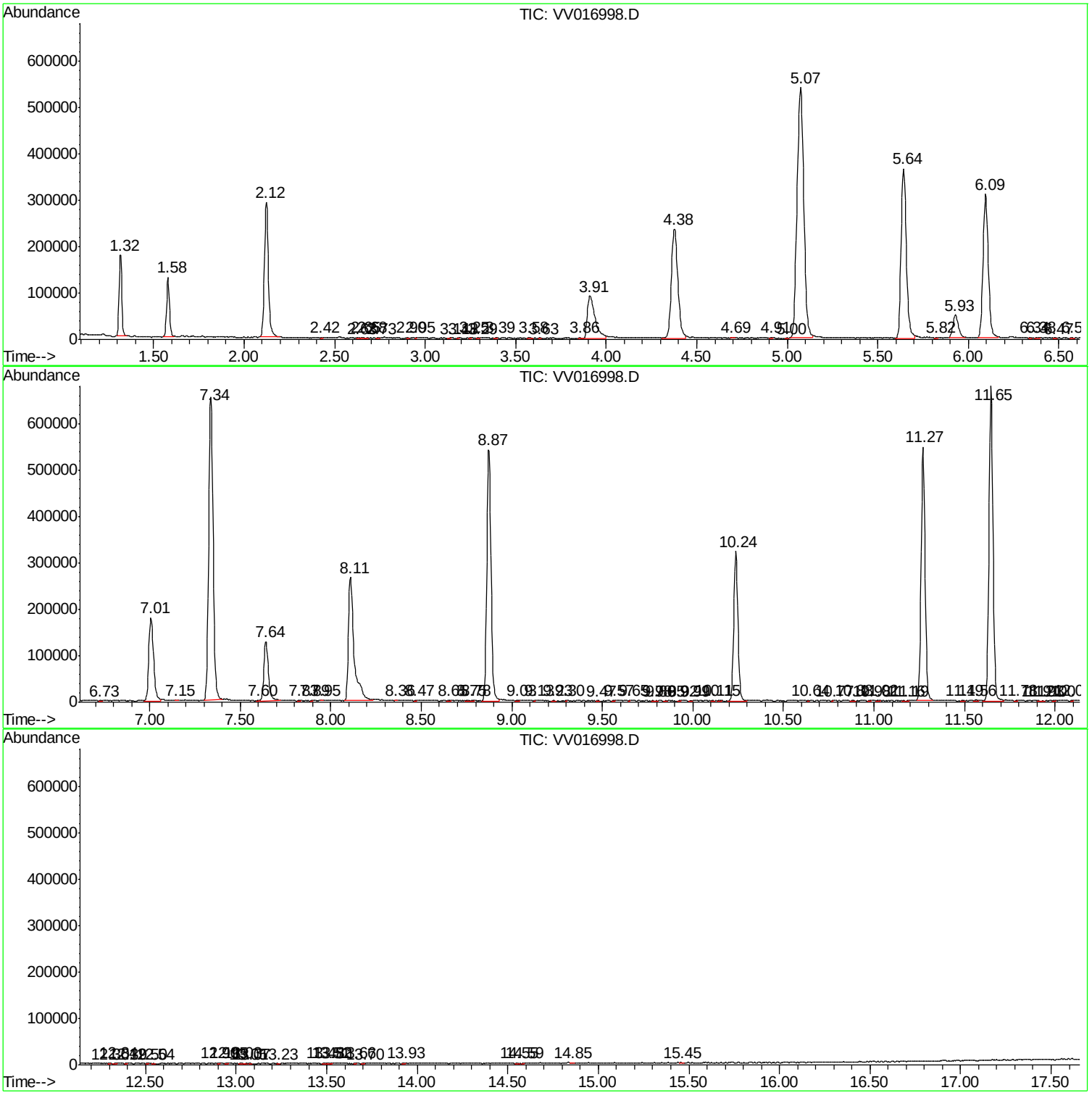
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9M20

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

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



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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

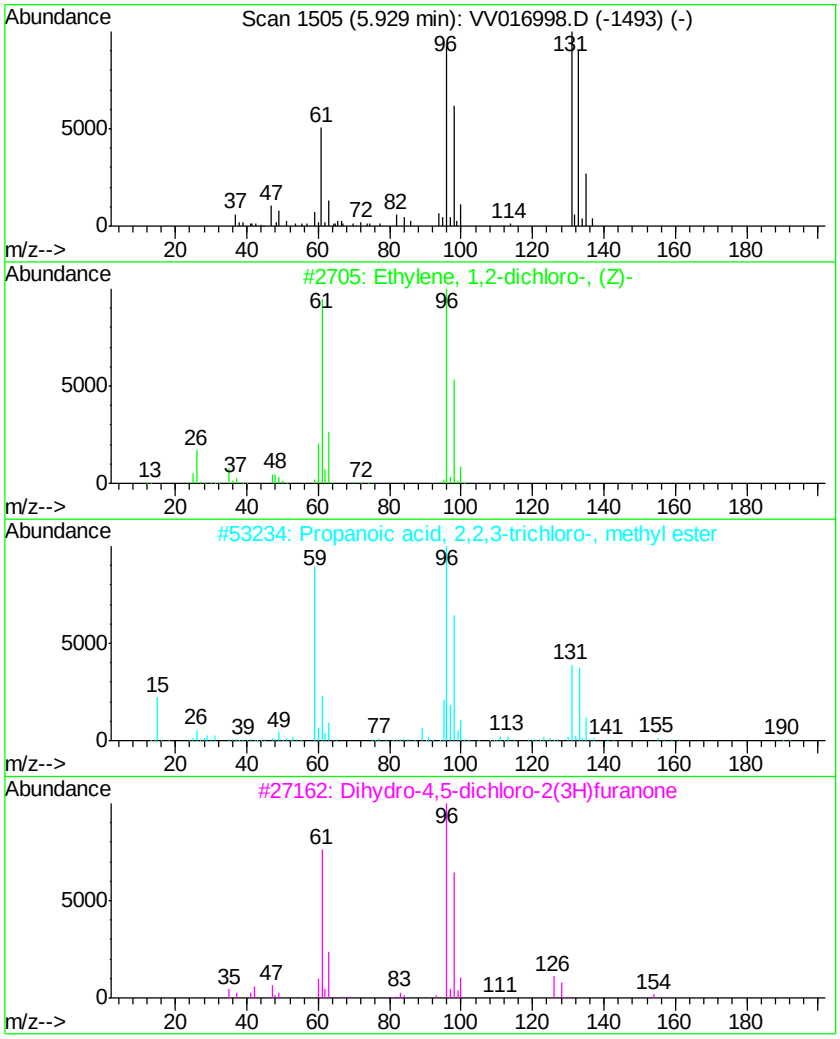
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

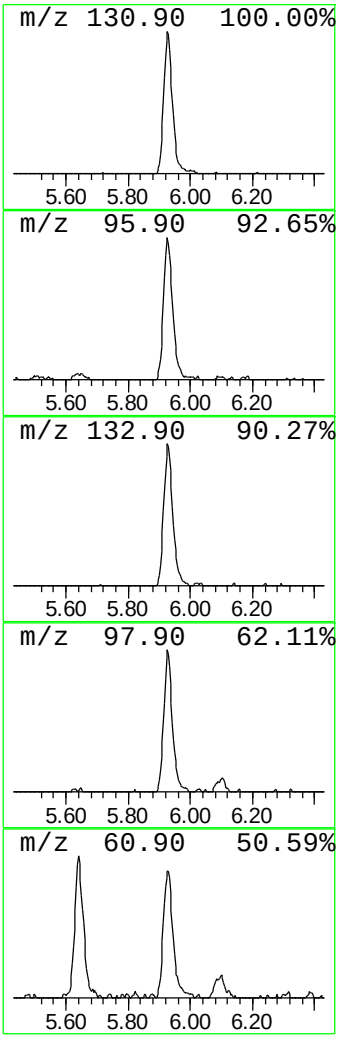
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	7.23 ug/L	105357	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	41
2	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	37
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
4	Acetylthiosemicarbazide	133	C3H7N3OS	002302-88-7	10
5	1H-Imidazole, 1,5-dimethyl-	96	C5H8N2	010447-93-5	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	5.93	7.2	ug/L	105357	1	5.64	728190	50.0