LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100320\
Data File : VV018660.D
Acq On : 03 Oct 2020 17:20
Operator : SY/MD
Sample : L4203-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

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\SOMVLM092920WMA.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	82	rVB	152936	153579	14.96%	1.849%
2	1.579	145	152	165	rBV	137621	154084	15.01%	1.855%
3	2.122	312	321	350	rVB	277728	428322	41.73%	5.158%
4	2.476	428	431	433	rBV	342	205	0.02%	0.002%
5	2.518	441	444	446	rBV2	851	642	0.06%	0.008%
6	2.595	465	468	472	rVB2	368	243	0.02%	0.003%
7	2.663	486	489	492	rBV2	168	125	0.01%	0.002%
8	2.987	588	590	591	rBV2	143	61	0.01%	0.001%
9	3.032	602	604	606	rBV2	164	110	0.01%	0.001%
10	3.058	607	612	614	rBV3	745	613	0.06%	0.007%
11	3.122	630	632	634	rVB	201	63	0.01%	0.001%
12	3.399	715	718	724	rVB2	261	204	0.02%	0.002%
13	3.434	727	729	732	rBV2	195	102	0.01%	0.001%
14	3.479	740	743	746	rVB	368	242	0.02%	0.003%
15	3.498	746	749	753	rBV	322	281	0.03%	0.003%
16	3.576	768	773	778	rBV	224	290	0.03%	0.003%
17	3.785	833	838	841	rBV2	212	209	0.02%	0.003%
18	3.917	868	879	912	rBV	61599	199399	19.42%	2.401%
19	4.376	1006	1022	1045	rBV	171519	420529	40.97%	5.064%
20	4.576	1081	1084	1089	rVB3	506	341	0.03%	0.004%
21	4.650	1104	1107	1113	rVB3	448	315	0.03%	0.004%
22	4.679	1113	1116	1118	rBV2	238	119	0.01%	0.001%
23	4.749	1136	1138	1140	rBV	214	81	0.01%	0.001%
24	4.791	1148	1151	1154	rBV2	237	153	0.01%	0.002%
25	4.817	1157	1159	1161	rVB	335	146	0.01%	0.002%
26	4.875	1174	1177	1178	rBV	166	92	0.01%	0.001%
27	4.884	1178	1180	1182	rVB2	200	91	0.01%	0.001%
28	5.071	1221	1238	1269	rBV2	401588	1026513	100.00%	12.361%
29	5.379	1330	1334	1339	rBV3	337	396	0.04%	0.005%
30	5.415	1342	1345	1349	rBV2	228	223	0.02%	0.003%
31	5.479	1360	1365	1368	rBV	237	252	0.02%	0.003%
32	5.515	1373	1376	1379	rBV2	260	186	0.02%	0.002%
33	5.579	1395	1396	1398	rBV2	213	63	0.01%	0.001%
34	5.595	1398	1401	1402	rBV2	268	148	0.01%	0.002%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Title : VOC Analysis

35	5.640	1402	1415	1445	rBV	365268	727460	70.87%	8.760%
36	5.929	1493	1505	1520	rBV3	35682	74683	7.28%	0.899%
37	6.093	1542	1556	1582	rBV	233260	469467	45.73%	5.653%
38	6.302	1618	1621	1623	rBV3	313	182	0.02%	0.002%
39	6.357	1632	1638	1639	rBV2	184	167	0.02%	0.002%
40	6.386	1645	1647	1650	rVB2	147	47	0.00%	0.001%
41	6.399	1650	1651	1655	rBV	149	63	0.01%	0.001%
42	6.566	1701	1703	1706	rBV2	243	94	0.01%	0.001%
43	6.778	1766	1769	1770	rBV	209	112	0.01%	0.001%
44	6.823	1781	1783	1785	rBV2	222	88	0.01%	0.001%
45	7.006	1830	1840	1865	rBV	127247	229640	22.37%	2.765%
46	7.248	1913	1915	1918	rVB	219	88	0.01%	0.001%
47	7.293	1927	1929	1930	rBV	296	121	0.01%	0.001%
48	7.338	1931	1943	1964	rVV	479967	816041	79.50%	9.826%
49	7.643	2027	2038	2054	rBV	90801	158172	15.41%	1.905%
50	7.884	2110	2113	2119	rVB4	563	365	0.04%	0.004%
51	8.000	2145	2149	2153	rBV2	457	521	0.05%	0.006%
52	8.109	2173	2183	2221	rBV2	194326	402344	39.20%	4.845%
53	8.521	2309	2311	2312	rBV2	281	102	0.01%	0.001%
54	8.665	2355	2356	2357	rBV2	182	52	0.01%	0.001%
55	8.678	2357	2360	2363	rVV2	251	214	0.02%	0.003%
56	8.804	2397	2399	2401	rBV2	266	136	0.01%	0.002%
57	8.871	2409	2420	2450	rBV	571755	928075	90.41%	11.175%
58	9.116	2494	2496	2497	rBV	240	89	0.01%	0.001%
59	9.251	2536	2538	2540	rBV2	278	125	0.01%	0.002%
60	9.264	2540	2542	2547	rVV2	155	100	0.01%	0.001%
61	9.617	2649	2652	2653	rBV	234	164	0.02%	0.002%
62	9.929	2747	2749	2752	rBV	169	119	0.01%	0.001%
63	10.193	2829	2831	2833	rBV2	306	170	0.02%	0.002%
64	10.238	2833	2845	2864	rVV	259170	410120	39.95%	4.938%
65	10.360	2880	2883	2886	rBV2	238	155	0.02%	0.002%
66	10.768	3008	3010	3012	rBV2	207	69	0.01%	0.001%
67	10.829	3027	3029	3031	rBV	195	91	0.01%	0.001%
68	11.270	3154	3166	3187	rBV	571563	879427	85.67%	10.589%
69	11.646	3271	3283	3299	rBV	528586	815143	79.41%	9.815%
70	11.826	3336	3339	3340	rBV	215	104	0.01%	0.001%
71	11.852	3345	3347	3350	rVB3	252	102	0.01%	0.001%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Title : VOC Analysis

72	12.141	3435	3437	3439	rBV	271	156	0.02%	0.002%
73	12.180	3447	3449	3453	rVB	391	190	0.02%	0.002%
74	12.234	3464	3466	3468	rBV2	215	82	0.01%	0.001%
75	12.312	3486	3490	3491	rBV	289	188	0.02%	0.002%
76	12.855	3656	3659	3662	rBV2	286	153	0.01%	0.002%
77	13.119	3740	3741	3745	rBV2	283	208	0.02%	0.003%
78	14.074	4035	4038	4040	rBV	339	258	0.03%	0.003%
79	14.180	4065	4071	4074	rBV2	446	544	0.05%	0.007%
80	14.238	4086	4089	4092	rBV	451	344	0.03%	0.004%

Sum of corrected areas: 8304757

LSC Report - Integrated Chromatogram

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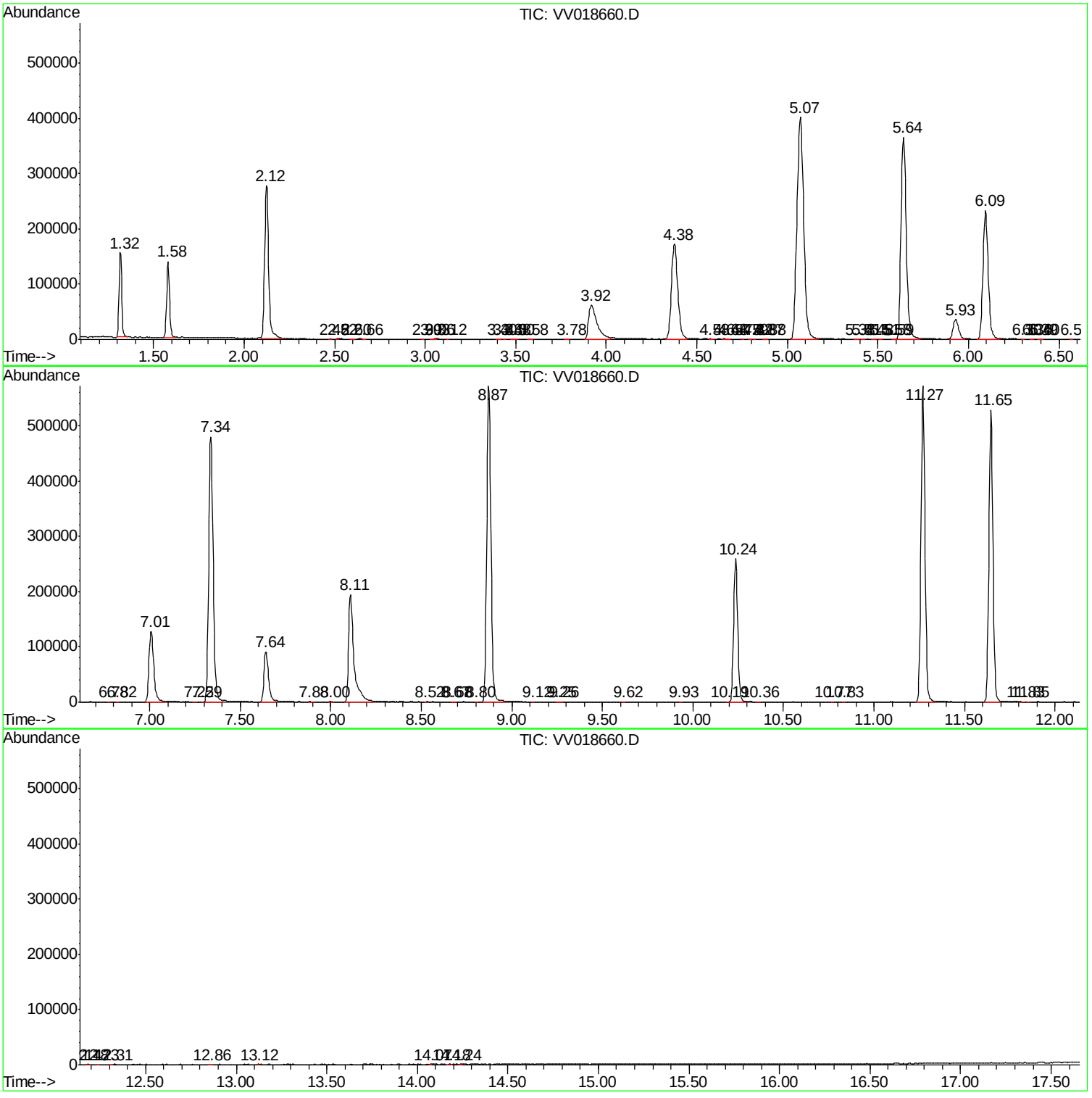
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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



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Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

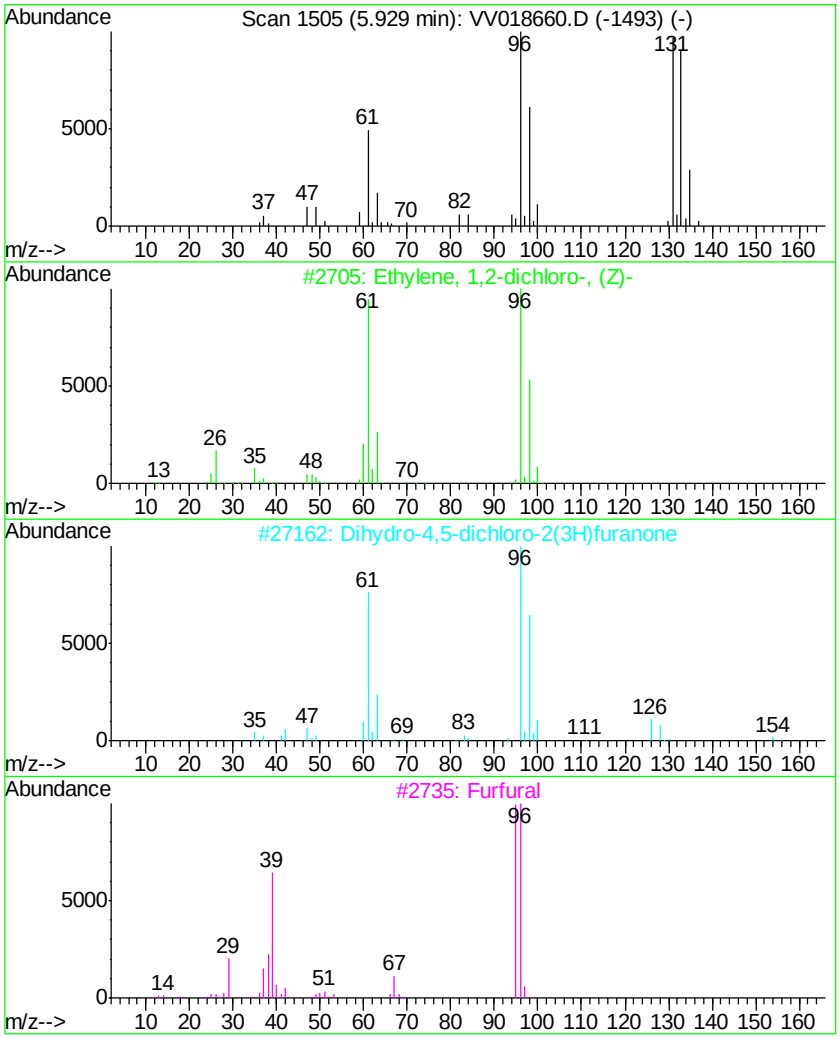
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

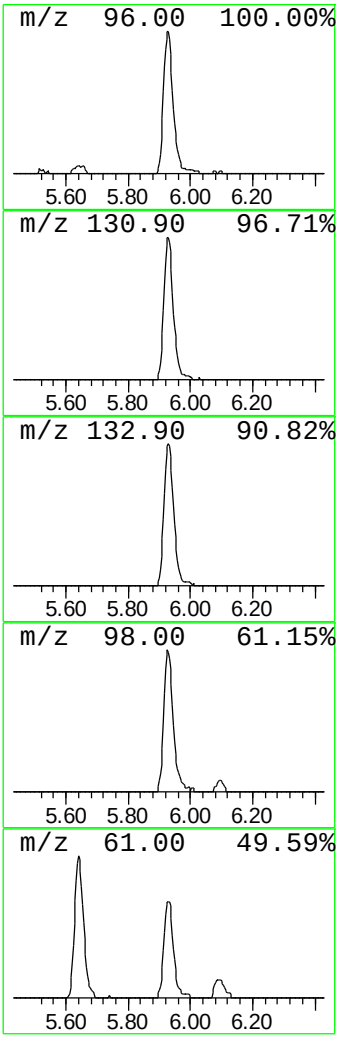
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	5.13 ug/L	74683	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	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	10
3	Furfural	96	C5H4O2	000098-01-1	9
4	1,2,4-Triazolidin-3-one, 4-methy...	131	C3H5N3OS	022244-61-7	9
5	4(1H)-Pyrimidinone	96	C4H4N2O	004562-27-0	9





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
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	5.1	ug/L	74683	1	5.64	727460	50.0