LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050219\
Data File : VU031723.D
Acq On : 02 May 2019 19:35
Operator : JC/SP
Sample : K2661-11 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0B31

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_U\METHOD\SOMULM042719WMA.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	1.392	87	94	109	rVB	560824	612574	15.57%	2.094%
2	1.679	175	183	197	rBV	429245	532900	13.54%	1.822%
3	2.267	355	366	380	rVB	934832	1410576	35.85%	4.822%
4	2.543	449	452	455	rBV4	1690	975	0.02%	0.003%
5	2.617	472	475	477	rBV2	1557	897	0.02%	0.003%
6	2.682	490	495	496	rBV3	1432	1404	0.04%	0.005%
7	2.698	497	500	507	rVB5	3050	3856	0.10%	0.013%
8	2.797	528	531	535	rBV4	1250	1355	0.03%	0.005%
9	2.826	536	540	541	rBV2	3032	2063	0.05%	0.007%
10	2.904	561	564	567	rVB3	1232	889	0.02%	0.003%
11	2.923	567	570	572	rBV3	1146	863	0.02%	0.003%
12	3.003	592	595	599	rVB3	1182	823	0.02%	0.003%
13	3.119	628	631	635	rBV3	1400	1058	0.03%	0.004%
14	3.174	642	648	650	rBV6	1389	1325	0.03%	0.005%
15	3.206	655	658	661	rVB2	1865	1176	0.03%	0.004%
16	3.244	667	670	675	rVB4	2117	1812	0.05%	0.006%
17	3.277	675	680	683	rBV3	1160	1347	0.03%	0.005%
18	3.299	683	687	690	rBV2	1648	1284	0.03%	0.004%
19	3.338	695	699	705	rVB6	1285	1589	0.04%	0.005%
20	3.370	705	709	710	rBV2	1655	1123	0.03%	0.004%
21	3.421	722	725	728	rBV2	1459	1022	0.03%	0.003%
22	3.482	741	744	746	rBV3	1461	995	0.03%	0.003%
23	3.521	753	756	758	rVB	1634	979	0.02%	0.003%
24	3.617	783	786	788	rBV2	1198	839	0.02%	0.003%
25	3.720	814	818	819	rVV	1338	992	0.03%	0.003%
26	3.743	822	825	829	rVV2	1299	1039	0.03%	0.004%
27	3.830	850	852	857	rVB3	1296	995	0.03%	0.003%
28	3.852	857	859	862	rBV	1479	947	0.02%	0.003%
29	3.939	883	886	889	rVB3	1492	811	0.02%	0.003%
30	3.965	889	894	898	rVB2	1605	1611	0.04%	0.006%
31	3.990	898	902	903	rBV	1243	828	0.02%	0.003%
32	4.045	917	919	924	rVB2	1264	739	0.02%	0.003%
33	4.186	947	963	992	rBV	358960	1112238	28.27%	3.802%
34	4.563	1076	1080	1082	rBV5	1198	877	0.02%	0.003%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0B31

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Title : VOC Analysis

35	4.643	1088	1105	1133	rBV2	606533	1448734	36.82%	4.952%
36	4.855	1167	1171	1173	rBV3	2011	1563	0.04%	0.005%
37	4.878	1174	1178	1180	rVV3	1734	1463	0.04%	0.005%
38	4.968	1202	1206	1208	rBV3	1990	1501	0.04%	0.005%
39	5.032	1222	1226	1229	rVB2	1815	1284	0.03%	0.004%
40	5.074	1236	1239	1242	rVB3	1486	760	0.02%	0.003%
41	5.129	1253	1256	1263	rBV3	991	1012	0.03%	0.003%
42	5.196	1274	1277	1279	rBV4	1139	790	0.02%	0.003%
43	5.231	1284	1288	1289	rBV2	987	709	0.02%	0.002%
44	5.334	1294	1320	1358	rBV2	1322531	3934683	100.00%	13.450%
45	5.714	1434	1438	1444	rVB5	1667	1413	0.04%	0.005%
46	5.749	1444	1449	1452	rBV5	1425	1602	0.04%	0.005%
47	5.881	1473	1490	1513	rBV	1133275	2299682	58.45%	7.861%
48	6.186	1573	1585	1601	rBV	20801	47707	1.21%	0.163%
49	6.325	1614	1628	1661	rBV	856525	1766480	44.90%	6.038%
50	6.704	1744	1746	1752	rVB6	1500	1186	0.03%	0.004%
51	6.788	1769	1772	1775	rBV3	1724	1233	0.03%	0.004%
52	6.852	1788	1792	1796	rVB2	2050	1582	0.04%	0.005%
53	6.878	1796	1800	1802	rBV2	1054	698	0.02%	0.002%
54	6.936	1815	1818	1821	rBV4	1950	1277	0.03%	0.004%
55	6.987	1828	1834	1837	rBV3	1048	1291	0.03%	0.004%
56	7.080	1855	1863	1869	rVB3	1509	2345	0.06%	0.008%
57	7.225	1893	1908	1943	rBV2	462241	889162	22.60%	3.039%
58	7.511	1994	1997	1999	rBV2	1026	789	0.02%	0.003%
59	7.563	1999	2013	2038	rBV	1595519	2955962	75.13%	10.104%
60	7.849	2091	2102	2131	rBV	305193	572699	14.56%	1.958%
61	8.071	2168	2171	2173	rBV2	1414	781	0.02%	0.003%
62	8.180	2201	2205	2210	rVV5	1257	1181	0.03%	0.004%
63	8.228	2210	2220	2229	rVV5	9541	16976	0.43%	0.058%
64	8.308	2234	2245	2284	rBV	1267588	2425241	61.64%	8.290%
65	8.884	2419	2424	2425	rBV3	2142	1400	0.04%	0.005%
66	8.932	2437	2439	2442	rVB3	1320	779	0.02%	0.003%
67	8.955	2442	2446	2451	rBV3	1628	1849	0.05%	0.006%
68	8.984	2452	2455	2457	rVV2	1306	768	0.02%	0.003%
69	9.087	2474	2487	2525	rBV	1579767	2762107	70.20%	9.441%
70	9.453	2596	2601	2602	rBV4	1547	1202	0.03%	0.004%
71	9.550	2629	2631	2636	rVB	1791	1077	0.03%	0.004%

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ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0B31

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_U\METHOD\SOMULM042719WMA.M
Title : VOC Analysis

72	9.630	2652	2656	2658	rBV3	839	748	0.02%	0.003%
73	9.675	2665	2670	2675	rBV4	1910	1961	0.05%	0.007%
74	9.726	2683	2686	2692	rBV6	1195	1222	0.03%	0.004%
75	9.932	2745	2750	2752	rBV3	1140	1145	0.03%	0.004%
76	10.003	2769	2772	2776	rBV2	959	884	0.02%	0.003%
77	10.212	2833	2837	2840	rVB2	1619	1180	0.03%	0.004%
78	10.251	2846	2849	2854	rVB4	1413	1447	0.04%	0.005%
79	10.315	2866	2869	2873	rVB2	1337	956	0.02%	0.003%
80	10.382	2886	2890	2892	rBV2	1392	1147	0.03%	0.004%
81	10.427	2892	2904	2923	rBV	1084069	1750905	44.50%	5.985%
82	10.742	3000	3002	3004	rBV3	1115	693	0.02%	0.002%
83	10.849	3031	3035	3036	rBV2	1649	1149	0.03%	0.004%
84	11.080	3105	3107	3108	rBV2	1553	742	0.02%	0.003%
85	11.222	3143	3151	3154	rBV4	2360	3486	0.09%	0.012%
86	11.479	3219	3231	3259	rBV	1435357	2328115	59.17%	7.958%
87	11.855	3336	3348	3374	rBV	1352471	2262201	57.49%	7.733%
88	12.125	3430	3432	3436	rVB3	1952	1267	0.03%	0.004%
89	12.238	3464	3467	3471	rBV5	1540	1243	0.03%	0.004%
90	12.350	3499	3502	3505	rBV4	1503	1292	0.03%	0.004%
91	12.440	3527	3530	3533	rVB3	1639	966	0.02%	0.003%
92	12.476	3533	3541	3553	rBV4	4929	10794	0.27%	0.037%
93	12.582	3571	3574	3576	rBV3	1494	1053	0.03%	0.004%
94	12.717	3613	3616	3617	rBV2	1548	788	0.02%	0.003%
95	12.755	3624	3628	3630	rBV2	1633	1571	0.04%	0.005%
96	13.411	3830	3832	3835	rVB2	2359	1168	0.03%	0.004%
97	13.434	3837	3839	3841	rBV3	1660	924	0.02%	0.003%
98	13.466	3846	3849	3852	rBV2	2542	2008	0.05%	0.007%
99	13.508	3859	3862	3864	rBV2	1718	1176	0.03%	0.004%
100	13.784	3938	3948	3950	rBV2	11018	17212	0.44%	0.059%

Sum of corrected areas: 29255212

LSC Report - Integrated Chromatogram

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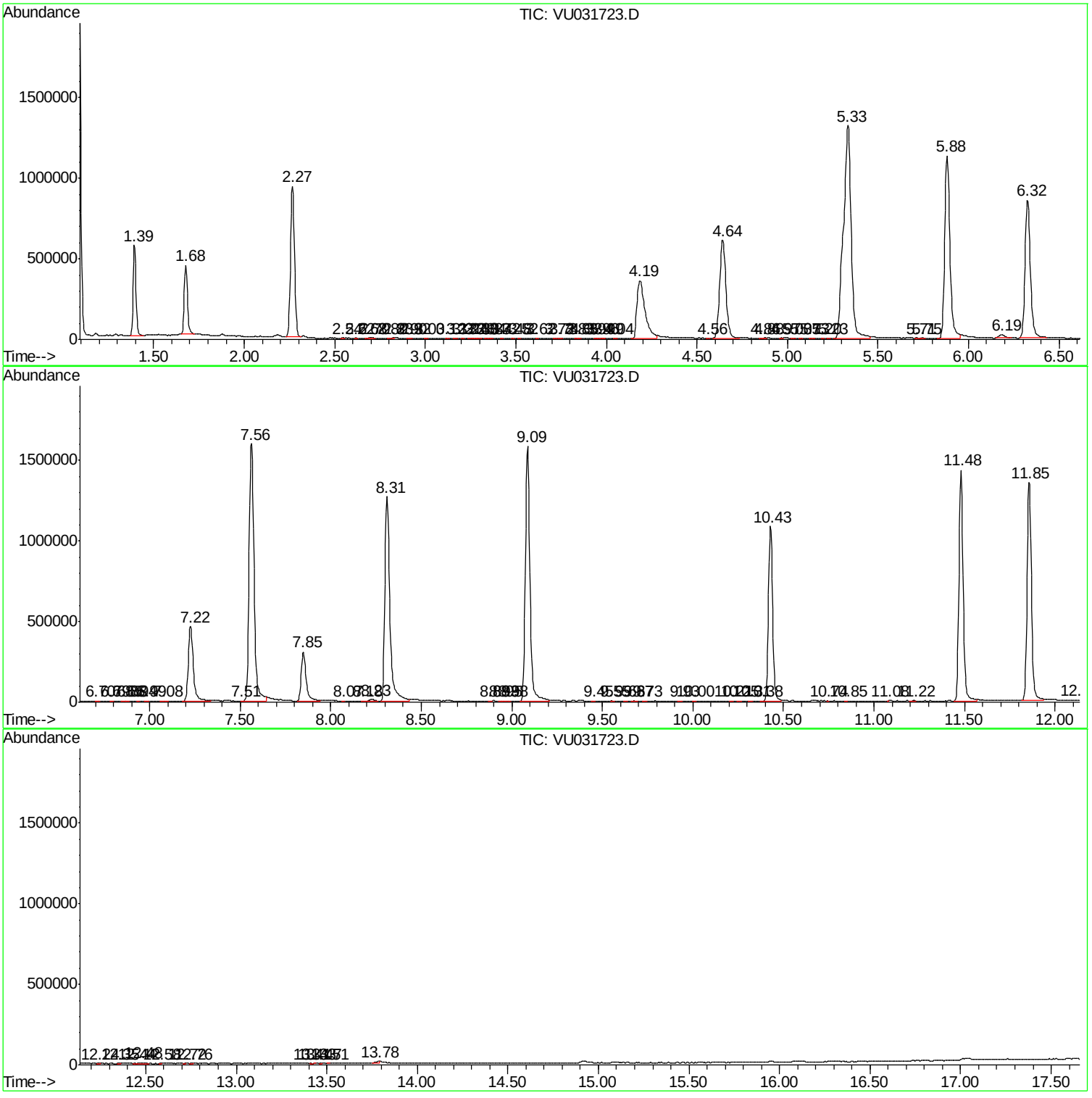
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0B31

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.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_U\DATA\VU050219\
Data File : VU031723.D
Acq On : 02 May 2019 19:35
Operator : JC/SP
Sample : K2661-11 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0B31

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

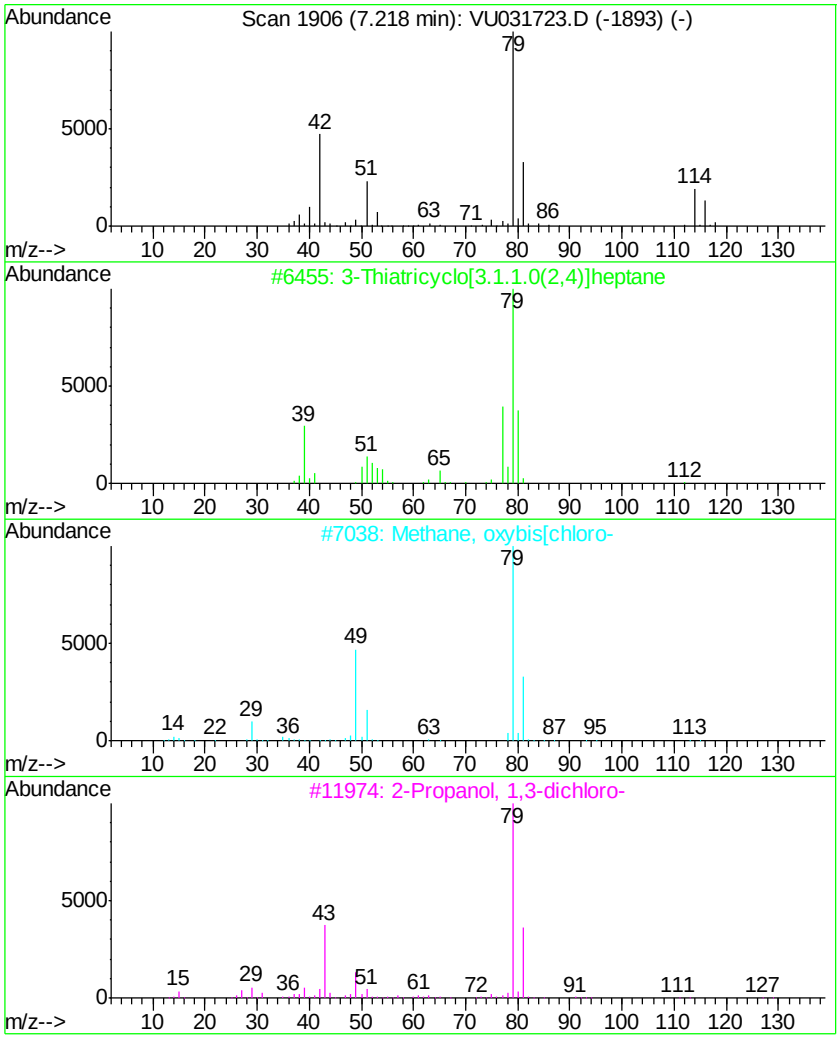
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

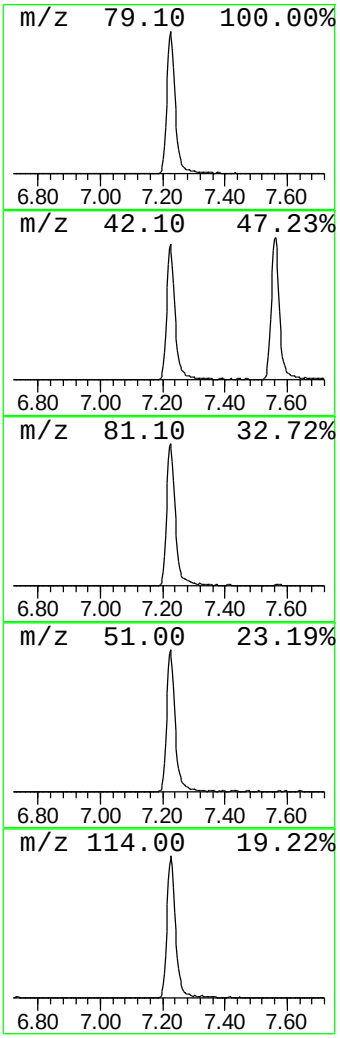
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	19.33 ug/L	889162	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	25
2	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	23
3	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	23
4	Thiophosgene	114	CCl2S	000463-71-8	16
5	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	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	7.22	19.3	ug/L	889162	1	5.88	2299680	50.0