LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031919\
Data File : VU030193.D
Acq On : 19 Mar 2019 14:51
Operator : JC/SP
Sample : K1986-20
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1F4

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\SOMULM031919WMA.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	1.183	24	29	35	rBV3	12105	11795	0.61%	0.076%
2	1.328	71	74	81	rVB2	6518	6602	0.34%	0.042%
3	1.399	89	96	110	rBV	302429	300109	15.43%	1.928%
4	1.678	175	183	200	rBV	212534	271980	13.99%	1.748%
5	2.270	356	367	379	rBV	475163	721701	37.11%	4.637%
6	2.444	411	421	443	rBV	129685	232348	11.95%	1.493%
7	2.691	495	498	500	rBV2	1192	913	0.05%	0.006%
8	2.833	530	542	552	rBV5	6059	14633	0.75%	0.094%
9	2.993	588	592	601	rVB5	2523	3485	0.18%	0.022%
10	3.058	606	612	614	rBV	1561	1778	0.09%	0.011%
11	3.087	619	621	627	rVB	1559	1006	0.05%	0.006%
12	3.251	670	672	683	rVB	2057	2647	0.14%	0.017%
13	3.302	683	688	695	rBV	1488	1894	0.10%	0.012%
14	3.341	695	700	703	rBV	1624	1205	0.06%	0.008%
15	3.363	703	707	712	rBV	954	1032	0.05%	0.007%
16	3.514	749	754	757	rBV	1257	1450	0.07%	0.009%
17	3.688	805	808	814	rVV	963	1045	0.05%	0.007%
18	3.714	814	816	820	rVV	1554	1192	0.06%	0.008%
19	3.755	824	829	835	rVB	1057	1173	0.06%	0.008%
20	3.788	835	839	843	rBV2	1224	993	0.05%	0.006%
21	3.907	872	876	880	rVV	1125	933	0.05%	0.006%
22	3.939	880	886	889	rVV2	852	1193	0.06%	0.008%
23	3.958	889	892	899	rVB	1538	1381	0.07%	0.009%
24	4.074	926	928	935	rVB2	1764	1451	0.07%	0.009%
25	4.116	935	941	945	rBV	1669	1837	0.09%	0.012%
26	4.173	945	959	987	rBV	170148	451999	23.24%	2.904%
27	4.476	1049	1053	1060	rVB	2222	2870	0.15%	0.018%
28	4.550	1072	1076	1080	rVB	2003	1727	0.09%	0.011%
29	4.572	1080	1083	1086	rBV	1435	1243	0.06%	0.008%
30	4.646	1087	1106	1129	rBV	314187	749515	38.54%	4.816%
31	4.919	1188	1191	1193	rBV	1406	1034	0.05%	0.007%
32	5.058	1227	1234	1236	rBV	1627	1668	0.09%	0.011%
33	5.337	1297	1321	1362	rBV2	661660	1944716	100.00%	12.496%
34	5.572	1390	1394	1398	rVB	1821	1507	0.08%	0.010%

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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
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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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Title : VOC Analysis

35	5.601	1398	1403	1407	rBV3	1576	1920	0.10%	0.012%
36	5.669	1421	1424	1430	rVB	1668	1479	0.08%	0.010%
37	5.784	1456	1460	1461	rBV2	1738	1087	0.06%	0.007%
38	5.884	1477	1491	1516	rBV	590425	1177996	60.57%	7.569%
39	6.212	1591	1593	1597	rVB	1590	938	0.05%	0.006%
40	6.328	1615	1629	1651	rBV	412468	835311	42.95%	5.367%
41	6.794	1769	1774	1775	rBV2	1146	1064	0.05%	0.007%
42	7.000	1835	1838	1842	rBV	1043	1113	0.06%	0.007%
43	7.080	1859	1863	1867	rBV	1245	1233	0.06%	0.008%
44	7.225	1896	1908	1930	rBV	242394	438725	22.56%	2.819%
45	7.392	1953	1960	1965	rBV6	3226	4738	0.24%	0.030%
46	7.463	1974	1982	1990	rBV5	3855	6354	0.33%	0.041%
47	7.562	2000	2013	2032	rBV	912354	1610883	82.83%	10.351%
48	7.775	2076	2079	2083	rBV	1562	1259	0.06%	0.008%
49	7.849	2091	2102	2124	rVV	162437	291622	15.00%	1.874%
50	8.006	2147	2151	2157	rBV	1622	1586	0.08%	0.010%
51	8.177	2191	2204	2216	rBV2	19084	36525	1.88%	0.235%
52	8.225	2216	2219	2224	rVB2	1721	1588	0.08%	0.010%
53	8.308	2234	2245	2272	rBV	570328	1044956	53.73%	6.714%
54	8.595	2331	2334	2340	rVB2	1735	1580	0.08%	0.010%
55	8.675	2352	2359	2367	rVB3	2333	3040	0.16%	0.020%
56	8.926	2432	2437	2440	rBV2	1447	1559	0.08%	0.010%
57	8.990	2453	2457	2460	rBV	1038	928	0.05%	0.006%
58	9.086	2474	2487	2508	rBV	866710	1441562	74.13%	9.263%
59	9.257	2533	2540	2545	rBV2	1782	2592	0.13%	0.017%
60	9.382	2564	2579	2584	rBV3	3231	6713	0.35%	0.043%
61	9.459	2600	2603	2606	rVV	1177	939	0.05%	0.006%
62	9.479	2606	2609	2614	rVB	1309	1157	0.06%	0.007%
63	9.932	2744	2750	2754	rBV2	1380	1864	0.10%	0.012%
64	10.324	2869	2872	2875	rBV	1487	878	0.05%	0.006%
65	10.427	2892	2904	2927	rVB	613431	996740	51.25%	6.405%
66	10.604	2948	2959	2970	rVB4	12857	23317	1.20%	0.150%
67	10.820	3023	3026	3029	rBV	1350	1109	0.06%	0.007%
68	10.884	3042	3046	3048	rBV	1280	932	0.05%	0.006%
69	10.913	3052	3055	3058	rBV	1252	1022	0.05%	0.007%
70	11.083	3105	3108	3113	rVB	1773	1764	0.09%	0.011%
71	11.112	3113	3117	3118	rBV	1704	1087	0.06%	0.007%

LSC Area Percent Report

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ALS Vial : 12 Sample Multiplier: 1

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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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Title : VOC Analysis

72	11.202	3137	3145	3148	rBV	2007	2436	0.13%	0.016%
73	11.421	3205	3213	3220	rBV3	5087	7522	0.39%	0.048%
74	11.482	3220	3232	3257	rVV	851354	1382450	71.09%	8.883%
75	11.739	3309	3312	3317	rVB	1382	1141	0.06%	0.007%
76	11.855	3335	3348	3368	rBV	851539	1431881	73.63%	9.201%
77	12.147	3435	3439	3442	rVB	1318	987	0.05%	0.006%
78	12.350	3496	3502	3504	rBV	1550	1832	0.09%	0.012%
79	12.395	3512	3516	3518	rBV2	1504	971	0.05%	0.006%
80	12.482	3536	3543	3546	rBV2	2308	2864	0.15%	0.018%
81	12.604	3576	3581	3585	rVB2	1077	1179	0.06%	0.008%
82	12.720	3614	3617	3620	rVB	1652	1097	0.06%	0.007%
83	12.897	3666	3672	3677	rVV4	4291	5739	0.30%	0.037%
84	13.083	3726	3730	3732	rBV2	1470	1129	0.06%	0.007%
85	13.099	3732	3735	3742	rVB	1526	1446	0.07%	0.009%
86	13.183	3757	3761	3762	rBV	1349	887	0.05%	0.006%
87	13.379	3819	3822	3825	rBV	1382	862	0.04%	0.006%
88	13.398	3825	3828	3831	rBV	1288	1083	0.06%	0.007%
89	13.520	3859	3866	3868	rBV3	3726	4519	0.23%	0.029%
90	13.713	3922	3926	3931	rBV	2028	1638	0.08%	0.011%
91	13.778	3934	3946	3949	rBV4	3519	6901	0.35%	0.044%
92	13.996	4010	4014	4016	rBV	2639	2574	0.13%	0.017%
93	14.180	4065	4071	4073	rBV	1743	1925	0.10%	0.012%
94	14.588	4195	4198	4200	rBV	1627	1268	0.07%	0.008%
95	14.726	4236	4241	4243	rBV2	1087	1076	0.06%	0.007%
96	14.819	4267	4270	4273	rVB2	1673	1046	0.05%	0.007%
97	15.713	4545	4548	4554	rVB	1848	1452	0.07%	0.009%
98	15.745	4555	4558	4561	rBV	1320	1019	0.05%	0.007%
99	15.874	4595	4598	4600	rBV3	1707	1122	0.06%	0.007%
100	16.012	4637	4641	4643	rBV	1536	1447	0.07%	0.009%

Sum of corrected areas: 15562708

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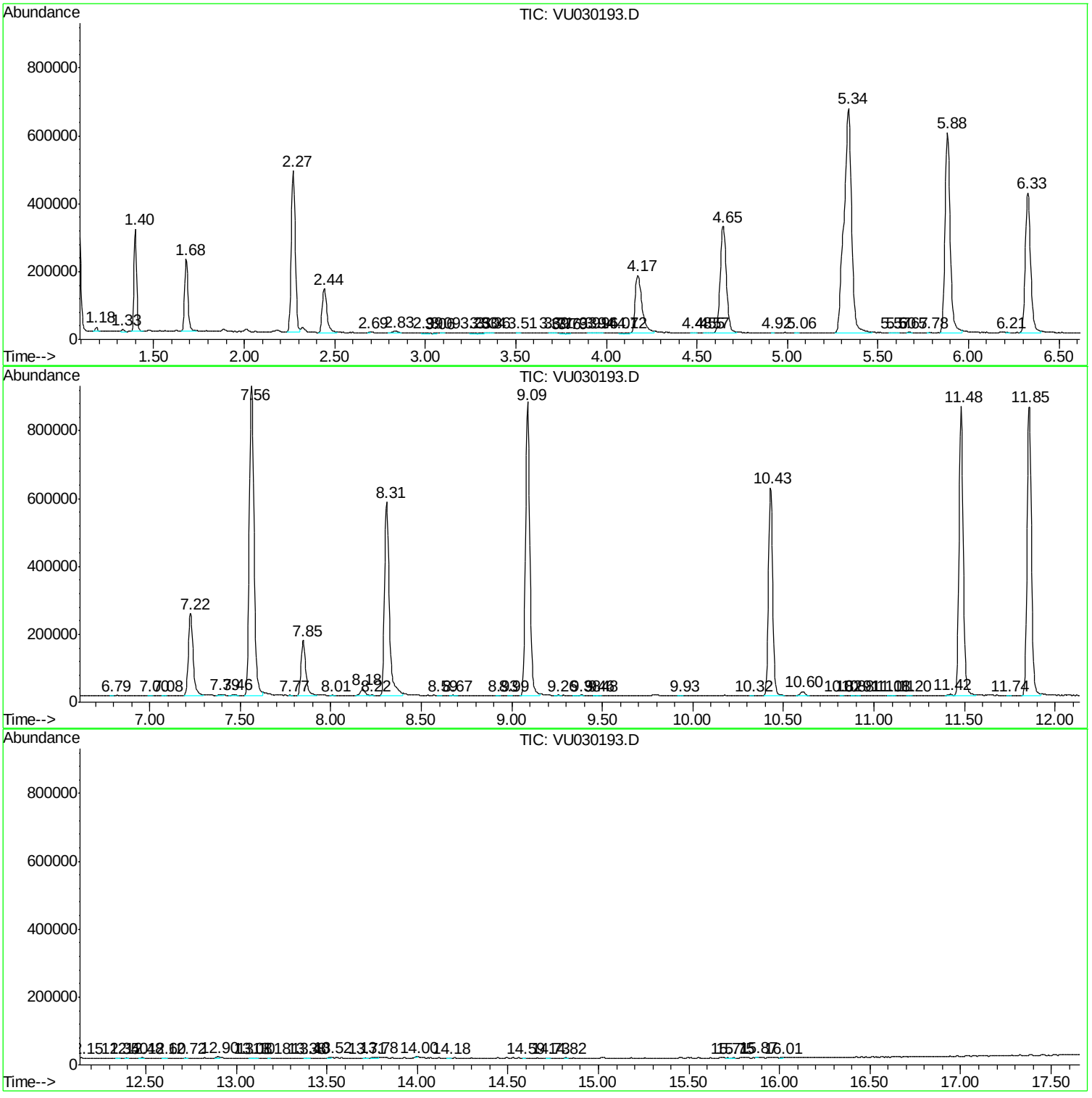
Instrument : MSVOA_U
ClientSampleId : BF1F4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.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\VU031919\
Data File : VU030193.D
Acq On : 19 Mar 2019 14:51
Operator : JC/SP
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1F4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis

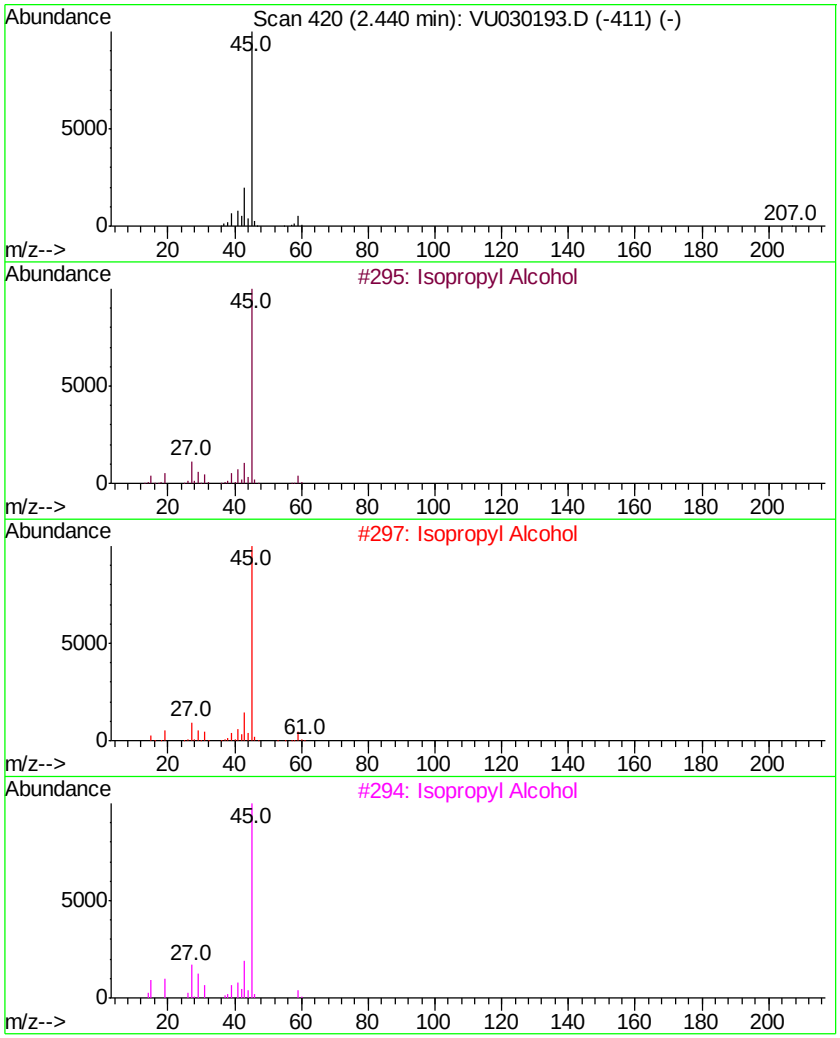
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

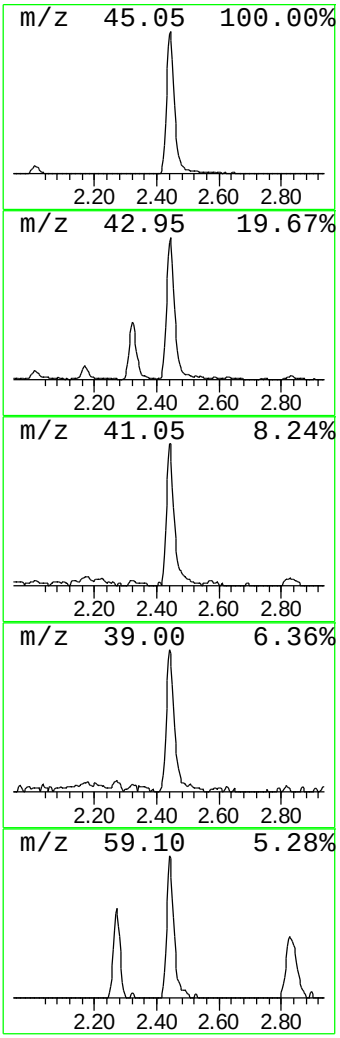
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	9.86 ug/L	232348	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	90
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
4	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	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
Isopropyl Alcohol	2.44	9.9	ug/L	232348	1	5.88	1178000	50.0