LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031619\
Data File : VU030130.D
Acq On : 15 Mar 2019 22:43
Operator : JC/SP
Sample : K1917-20
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09HI

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\SOMULM031319WMA.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	1.142	12	16	24	rVB	18900	17338	1.06%	0.127%
2	1.183	25	29	37	rVB3	11302	10475	0.64%	0.077%
3	1.399	88	96	105	rBV	190997	194823	11.96%	1.427%
4	1.679	176	183	200	rVB	160557	205736	12.63%	1.507%
5	2.270	357	367	379	rBV	336761	509617	31.27%	3.732%
6	2.447	410	422	438	rBV	57938	106279	6.52%	0.778%
7	2.679	486	494	496	rBV	1983	2331	0.14%	0.017%
8	2.704	500	502	507	rVB	2214	1386	0.09%	0.010%
9	2.778	521	525	528	rBV	1087	804	0.05%	0.006%
10	2.797	528	531	534	rVB	1367	832	0.05%	0.006%
11	3.145	636	639	645	rVB	1106	896	0.05%	0.007%
12	3.193	651	654	659	rBV	1003	1074	0.07%	0.008%
13	3.244	667	670	674	rBV2	1293	931	0.06%	0.007%
14	3.267	674	677	684	rVB	1445	1298	0.08%	0.010%
15	3.305	684	689	692	rBV2	874	898	0.06%	0.007%
16	3.621	784	787	790	rVV	1218	969	0.06%	0.007%
17	3.804	840	844	851	rVB2	1669	2110	0.13%	0.015%
18	3.839	851	855	858	rBV	1572	1390	0.09%	0.010%
19	4.003	903	906	910	rVV	1401	1161	0.07%	0.009%
20	4.061	918	924	928	rBV	1369	1589	0.10%	0.012%
21	4.177	948	960	985	rVV	161219	425779	26.13%	3.118%
22	4.389	1017	1026	1049	rVB3	14263	37077	2.28%	0.272%
23	4.646	1090	1106	1135	rBV	270615	634851	38.96%	4.649%
24	4.852	1167	1170	1172	rBV2	1290	906	0.06%	0.007%
25	4.871	1172	1176	1179	rVV	1645	1409	0.09%	0.010%
26	4.942	1193	1198	1205	rVB2	991	1256	0.08%	0.009%
27	4.981	1206	1210	1214	rBV	1417	1443	0.09%	0.011%
28	5.106	1245	1249	1253	rBV	1385	1519	0.09%	0.011%
29	5.186	1269	1274	1277	rVB	1069	975	0.06%	0.007%
30	5.338	1294	1321	1348	rBV2	548947	1629556	100.00%	11.933%
31	5.527	1378	1380	1387	rVB3	1215	1080	0.07%	0.008%
32	5.588	1390	1399	1401	rBV2	1341	1819	0.11%	0.013%
33	5.624	1406	1410	1416	rVB2	1259	1568	0.10%	0.011%
34	5.688	1427	1430	1436	rVB	1445	1284	0.08%	0.009%

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Instrument : MSVOA_U
ClientSampleId : C09HI

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\SOMULM031319WMA.M
Title : VOC Analysis

35	5.720	1436	1440	1447	rBV2	1447	2298	0.14%	0.017%
36	5.772	1450	1456	1460	rVB	1879	2023	0.12%	0.015%
37	5.797	1460	1464	1467	rBV	1704	1299	0.08%	0.010%
38	5.884	1477	1491	1516	rBV	565453	1138121	69.84%	8.334%
39	6.328	1615	1629	1655	rVV	359154	735098	45.11%	5.383%
40	6.640	1722	1726	1729	rBV	1432	969	0.06%	0.007%
41	6.659	1729	1732	1735	rVB	1715	1104	0.07%	0.008%
42	6.833	1783	1786	1789	rBV	1160	882	0.05%	0.006%
43	7.051	1849	1854	1858	rBV	1500	1661	0.10%	0.012%
44	7.225	1897	1908	1933	rBV	173748	318878	19.57%	2.335%
45	7.379	1953	1956	1958	rBV	2046	1492	0.09%	0.011%
46	7.428	1966	1971	1980	rBV	2092	2343	0.14%	0.017%
47	7.563	2000	2013	2035	rBV	738346	1312206	80.53%	9.609%
48	7.849	2092	2102	2128	rBV	117244	213655	13.11%	1.565%
49	8.135	2187	2191	2193	rBV	1937	1567	0.10%	0.011%
50	8.177	2196	2204	2217	rVB3	16157	29608	1.82%	0.217%
51	8.309	2234	2245	2279	rBV	568391	1014704	62.27%	7.430%
52	8.762	2381	2386	2389	rBV	1947	1934	0.12%	0.014%
53	8.961	2445	2448	2454	rVB	1501	1135	0.07%	0.008%
54	9.087	2469	2487	2514	rBV	827224	1416482	86.92%	10.372%
55	9.591	2642	2644	2647	rVB2	1364	806	0.05%	0.006%
56	9.694	2673	2676	2679	rBV	1181	1046	0.06%	0.008%
57	9.813	2710	2713	2722	rVB	1867	2677	0.16%	0.020%
58	9.858	2722	2727	2732	rBV2	1540	2241	0.14%	0.016%
59	10.074	2791	2794	2796	rBV	1498	1036	0.06%	0.008%
60	10.186	2825	2829	2834	rBV2	1632	1886	0.12%	0.014%
61	10.325	2866	2872	2876	rBV2	1581	1917	0.12%	0.014%
62	10.431	2893	2905	2926	rVB	576261	933150	57.26%	6.833%
63	10.607	2953	2960	2971	rVB4	5202	9388	0.58%	0.069%
64	10.742	3000	3002	3006	rVB	1519	983	0.06%	0.007%
65	10.826	3026	3028	3031	rVB	1653	893	0.05%	0.007%
66	10.961	3066	3070	3072	rBV	1419	1134	0.07%	0.008%
67	11.238	3150	3156	3158	rBV2	1242	1294	0.08%	0.009%
68	11.337	3183	3187	3190	rBV	1672	1046	0.06%	0.008%
69	11.482	3218	3232	3257	rBV	839080	1358507	83.37%	9.948%
70	11.858	3333	3349	3369	rBV	792331	1298247	79.67%	9.507%
71	12.154	3436	3441	3442	rBV	1719	1501	0.09%	0.011%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Title : VOC Analysis

72	12.295	3482	3485	3489	rBV	1565	1300	0.08%	0.010%
73	12.340	3496	3499	3506	rBV	1644	2238	0.14%	0.016%
74	12.595	3575	3578	3582	rVB	1463	1004	0.06%	0.007%
75	12.640	3588	3592	3595	rBV2	1387	1181	0.07%	0.009%
76	12.778	3632	3635	3639	rBV	1320	1096	0.07%	0.008%
77	12.894	3665	3671	3674	rBV3	1844	2316	0.14%	0.017%
78	12.945	3683	3687	3689	rBV2	1048	834	0.05%	0.006%
79	13.038	3713	3716	3719	rVB	1658	1033	0.06%	0.008%
80	13.099	3733	3735	3739	rVB	1397	819	0.05%	0.006%
81	13.141	3745	3748	3753	rBV	1507	1366	0.08%	0.010%
82	13.212	3764	3770	3774	rBV2	1533	1744	0.11%	0.013%
83	13.331	3801	3807	3810	rBV	1322	1513	0.09%	0.011%
84	13.443	3839	3842	3847	rBV	1354	1133	0.07%	0.008%
85	13.585	3883	3886	3891	rBV2	1020	1062	0.07%	0.008%
86	13.656	3902	3908	3911	rBV2	1683	1793	0.11%	0.013%
87	13.720	3925	3928	3932	rBV	1204	877	0.05%	0.006%
88	13.749	3933	3937	3941	rBV2	1192	1112	0.07%	0.008%
89	13.916	3983	3989	3992	rBV	2152	1986	0.12%	0.015%
90	13.958	3999	4002	4006	rVB	1469	1046	0.06%	0.008%
91	14.170	4063	4068	4070	rBV2	1489	1387	0.09%	0.010%
92	14.363	4125	4128	4133	rBV2	1243	1298	0.08%	0.010%
93	14.620	4205	4208	4211	rVB2	1548	1023	0.06%	0.007%
94	14.639	4211	4214	4215	rBV	1536	865	0.05%	0.006%
95	14.723	4237	4240	4243	rVB	1943	1238	0.08%	0.009%
96	15.112	4358	4361	4364	rBV	1084	807	0.05%	0.006%
97	15.315	4417	4424	4428	rBV	1859	2753	0.17%	0.020%
98	15.585	4506	4508	4510	rBV2	1295	879	0.05%	0.006%
99	15.903	4603	4607	4610	rBV	1814	1835	0.11%	0.013%
100	16.057	4652	4655	4658	rBV2	1659	1082	0.07%	0.008%

Sum of corrected areas: 13656290

LSC Report - Integrated Chromatogram

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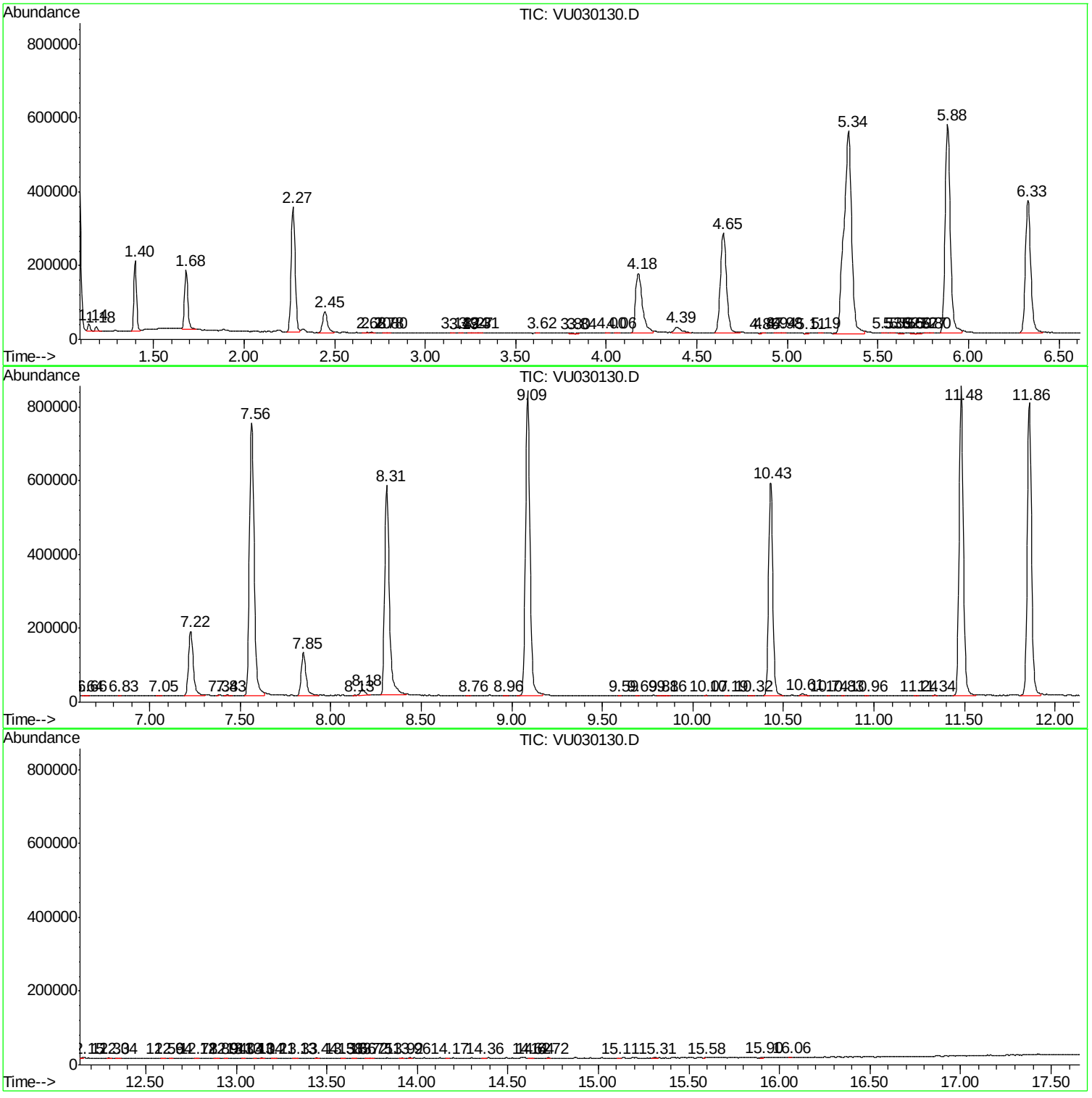
Instrument : MSVOA_U
ClientSampleId : C09HI

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.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\VU031619\
Data File : VU030130.D
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ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09HI

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis

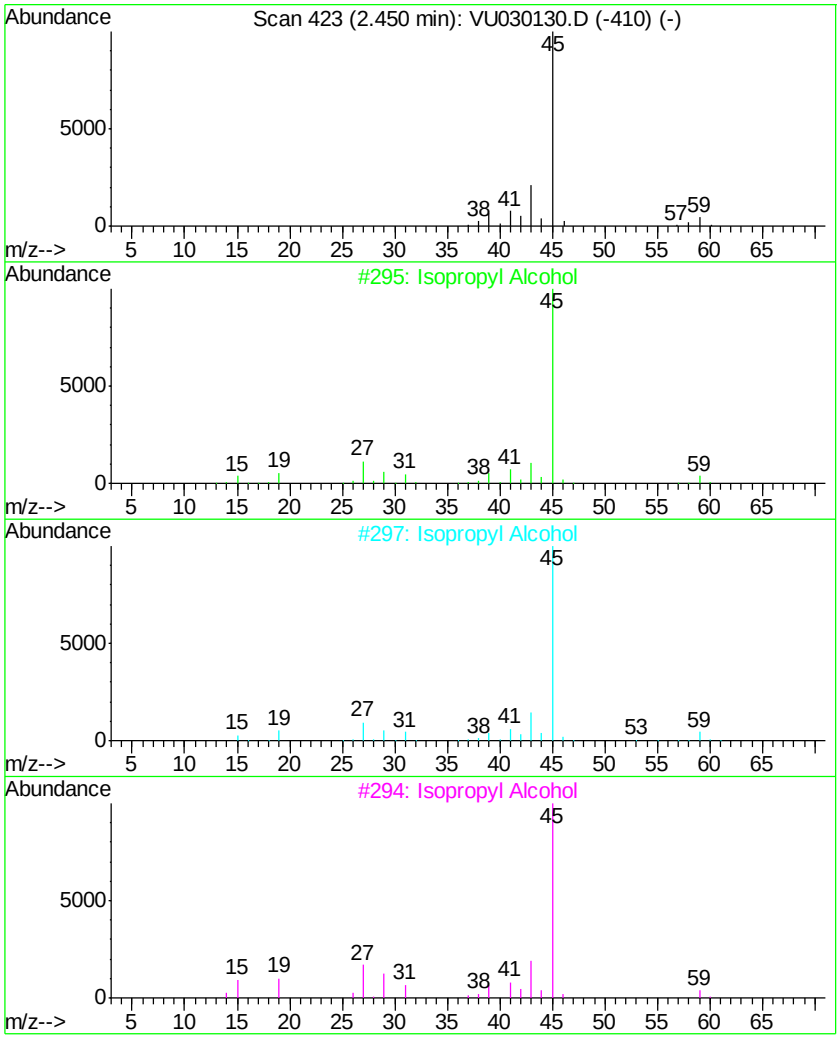
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

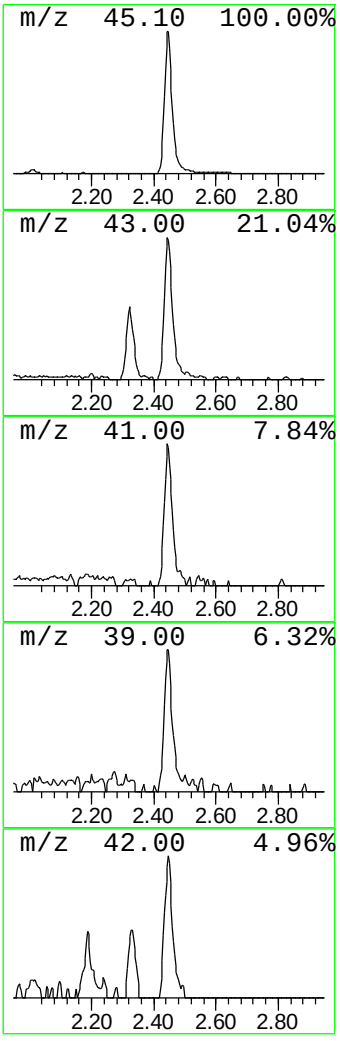
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	4.67 ug/L	106279	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	86
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	43





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	2.45	4.7	ug/L	106279	1	5.88	1138120	50.0