LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032419\
Data File : VU030363.D
Acq On : 24 Mar 2019 12:17
Operator : JC/SP
Sample : K2070-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0973

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\SOMULM032319WMA.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	1.184	24	29	34	rBV	16346	16331	0.11%	0.059%
2	1.399	89	96	106	rBV	229391	228701	1.50%	0.827%
3	1.676	175	182	200	rVB	173224	230089	1.51%	0.832%
4	2.190	335	342	350	rBV4	5216	8304	0.05%	0.030%
5	2.270	356	367	378	rBV	353446	535254	3.51%	1.936%
6	2.450	408	423	495	rBV	8733055	15233962	100.00%	55.094%
7	3.248	669	671	675	rBV	1256	945	0.01%	0.003%
8	3.450	730	734	739	rBV	2997	3195	0.02%	0.012%
9	3.489	743	746	754	rVB	2539	3002	0.02%	0.011%
10	3.550	755	765	772	rBV	3140	6022	0.04%	0.022%
11	3.659	797	799	804	rVB	1738	1357	0.01%	0.005%
12	3.698	804	811	815	rBV	1744	2566	0.02%	0.009%
13	3.743	822	825	829	rVB	1455	1007	0.01%	0.004%
14	3.830	847	852	857	rBV2	1292	1612	0.01%	0.006%
15	3.952	888	890	896	rVB	1963	1410	0.01%	0.005%
16	3.981	896	899	902	rBV	1963	1372	0.01%	0.005%
17	3.997	902	904	910	rVB	1179	1037	0.01%	0.004%
18	4.052	918	921	927	rVB	2250	1958	0.01%	0.007%
19	4.087	927	932	935	rBV	1556	1517	0.01%	0.005%
20	4.177	948	960	985	rBV	164474	434080	2.85%	1.570%
21	4.572	1079	1083	1087	rBV	2878	3095	0.02%	0.011%
22	4.643	1090	1105	1126	rVV	264128	625413	4.11%	2.262%
23	4.759	1138	1141	1143	rBV	2256	1520	0.01%	0.005%
24	4.987	1209	1212	1214	rBV	1498	1141	0.01%	0.004%
25	5.338	1298	1321	1357	rVV2	540668	1624598	10.66%	5.875%
26	5.553	1386	1388	1391	rBV	1642	987	0.01%	0.004%
27	5.650	1415	1418	1423	rVB	1564	1251	0.01%	0.005%
28	5.679	1424	1427	1430	rBV	1134	965	0.01%	0.003%
29	5.756	1448	1451	1455	rVB	2013	1541	0.01%	0.006%
30	5.884	1478	1491	1510	rBV	498688	998191	6.55%	3.610%
31	6.061	1542	1546	1549	rBV	2027	1496	0.01%	0.005%
32	6.180	1577	1583	1593	rBV3	2700	5073	0.03%	0.018%
33	6.328	1610	1629	1647	rBV	369568	747512	4.91%	2.703%
34	6.511	1683	1686	1693	rBV	1511	1613	0.01%	0.006%

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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0973

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\SOMULM032319WMA.M
Title : VOC Analysis

35	6.550	1693	1698	1705	rVB2	1489	1996	0.01%	0.007%
36	6.585	1705	1709	1713	rBV2	1050	1106	0.01%	0.004%
37	6.836	1782	1787	1790	rVB2	1422	1230	0.01%	0.004%
38	6.859	1790	1794	1796	rBV	1717	1322	0.01%	0.005%
39	7.051	1851	1854	1857	rBV2	1217	982	0.01%	0.004%
40	7.161	1882	1888	1894	rBV	1466	1684	0.01%	0.006%
41	7.225	1894	1908	1928	rBV	186764	347413	2.28%	1.256%
42	7.453	1977	1979	1982	rVB	1926	1215	0.01%	0.004%
43	7.476	1982	1986	1988	rBV2	2037	1644	0.01%	0.006%
44	7.563	1999	2013	2054	rBV	681743	1254834	8.24%	4.538%
45	7.701	2054	2056	2060	rVV2	3440	2525	0.02%	0.009%
46	7.723	2060	2063	2071	rVB	2909	2885	0.02%	0.010%
47	7.762	2071	2075	2077	rBV	1425	1211	0.01%	0.004%
48	7.849	2090	2102	2124	rBV	130350	237030	1.56%	0.857%
49	7.929	2124	2127	2133	rVV2	2571	2496	0.02%	0.009%
50	7.958	2133	2136	2140	rVB	1332	986	0.01%	0.004%
51	8.080	2169	2174	2178	rBV	855	980	0.01%	0.004%
52	8.180	2195	2205	2212	rBV2	3586	5195	0.03%	0.019%
53	8.309	2234	2245	2277	rBV	529841	973188	6.39%	3.520%
54	8.704	2364	2368	2371	rBV	1465	1152	0.01%	0.004%
55	8.813	2397	2402	2405	rBV	1316	1215	0.01%	0.004%
56	8.942	2436	2442	2444	rBV2	1184	1223	0.01%	0.004%
57	9.087	2474	2487	2514	rBV	717662	1231824	8.09%	4.455%
58	9.257	2538	2540	2543	rVB	2247	1263	0.01%	0.005%
59	9.379	2572	2578	2585	rBV5	3475	5375	0.04%	0.019%
60	9.543	2622	2629	2630	rBV	826	1028	0.01%	0.004%
61	9.672	2664	2669	2673	rBV	2126	1867	0.01%	0.007%
62	9.730	2684	2687	2691	rBV2	1401	1165	0.01%	0.004%
63	9.781	2696	2703	2707	rBV3	3389	3884	0.03%	0.014%
64	9.974	2755	2763	2764	rBV2	1386	1507	0.01%	0.005%
65	9.987	2765	2767	2773	rVV	2067	1749	0.01%	0.006%
66	10.061	2787	2790	2798	rVB	2278	2370	0.02%	0.009%
67	10.109	2798	2805	2810	rBV	2053	3102	0.02%	0.011%
68	10.141	2811	2815	2819	rVB2	1278	1124	0.01%	0.004%
69	10.338	2874	2876	2882	rVB	1931	1570	0.01%	0.006%
70	10.373	2882	2887	2890	rBV	1560	1451	0.01%	0.005%
71	10.428	2892	2904	2926	rVV	483415	783570	5.14%	2.834%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0973

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\SOMULM032319WMA.M
Title : VOC Analysis

72	10.524	2931	2934	2939	rVV	1866	1829	0.01%	0.007%
73	10.588	2950	2954	2957	rBV	1290	1299	0.01%	0.005%
74	10.608	2957	2960	2965	rVB2	1656	1251	0.01%	0.005%
75	10.678	2979	2982	2984	rVV	1644	1049	0.01%	0.004%
76	10.694	2984	2987	2992	rVB	1666	1426	0.01%	0.005%
77	10.784	3011	3015	3022	rVB	1771	1746	0.01%	0.006%
78	10.836	3027	3031	3036	rBV	1265	1244	0.01%	0.004%
79	10.887	3044	3047	3051	rBV2	1293	1224	0.01%	0.004%
80	10.958	3064	3069	3078	rVB	3014	4308	0.03%	0.016%
81	11.109	3113	3116	3122	rBV	1308	1258	0.01%	0.005%
82	11.209	3141	3147	3150	rBV	1354	1272	0.01%	0.005%
83	11.228	3150	3153	3157	rBV	1354	1268	0.01%	0.005%
84	11.309	3175	3178	3182	rVB	1348	1069	0.01%	0.004%
85	11.341	3182	3188	3196	rVB	1671	2566	0.02%	0.009%
86	11.482	3219	3232	3251	rBV	602750	1004760	6.60%	3.634%
87	11.855	3336	3348	3365	rBV	595129	989516	6.50%	3.579%
88	12.132	3430	3434	3441	rBV	1506	1838	0.01%	0.007%
89	12.228	3461	3464	3469	rVB2	1121	1056	0.01%	0.004%
90	12.257	3469	3473	3477	rBV	1379	1078	0.01%	0.004%
91	12.341	3494	3499	3502	rVB	2164	1968	0.01%	0.007%
92	12.411	3516	3521	3522	rBV2	1257	1054	0.01%	0.004%
93	12.508	3546	3551	3553	rBV	1569	1365	0.01%	0.005%
94	12.849	3654	3657	3662	rBV2	1145	1388	0.01%	0.005%
95	13.071	3722	3726	3731	rBV2	1307	1227	0.01%	0.004%
96	13.691	3916	3919	3925	rVV	1892	2310	0.02%	0.008%
97	13.871	3971	3975	3979	rBV2	1664	1426	0.01%	0.005%
98	13.984	4006	4010	4011	rBV2	1796	1277	0.01%	0.005%
99	14.106	4045	4048	4051	rBV	1910	1408	0.01%	0.005%
100	14.948	4307	4310	4314	rBV	2080	1983	0.01%	0.007%

Sum of corrected areas: 27650941

LSC Report - Integrated Chromatogram

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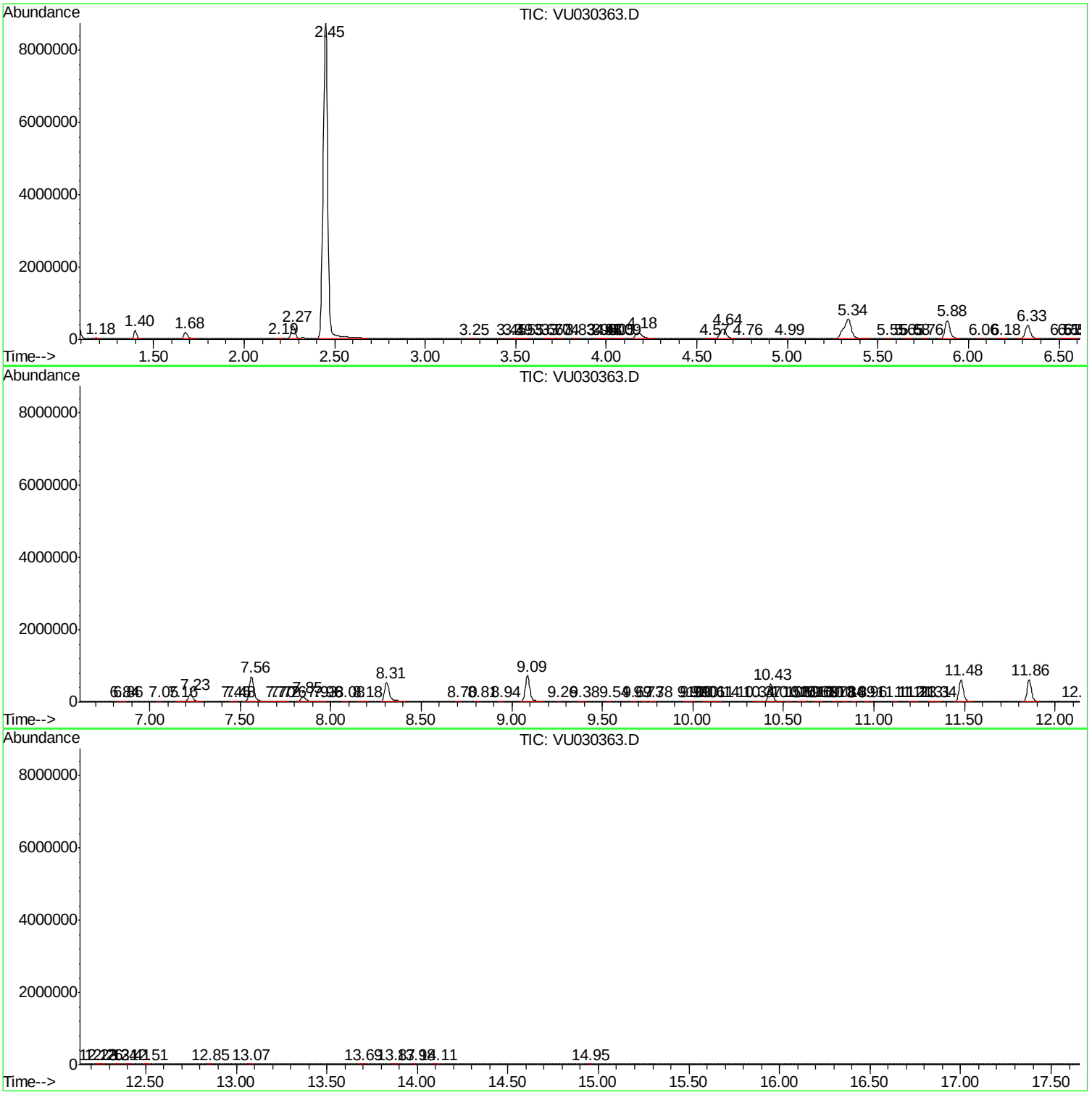
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0973

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.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\VU032419\
Data File : VU030363.D
Acq On : 24 Mar 2019 12:17
Operator : JC/SP
Sample : K2070-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0973

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

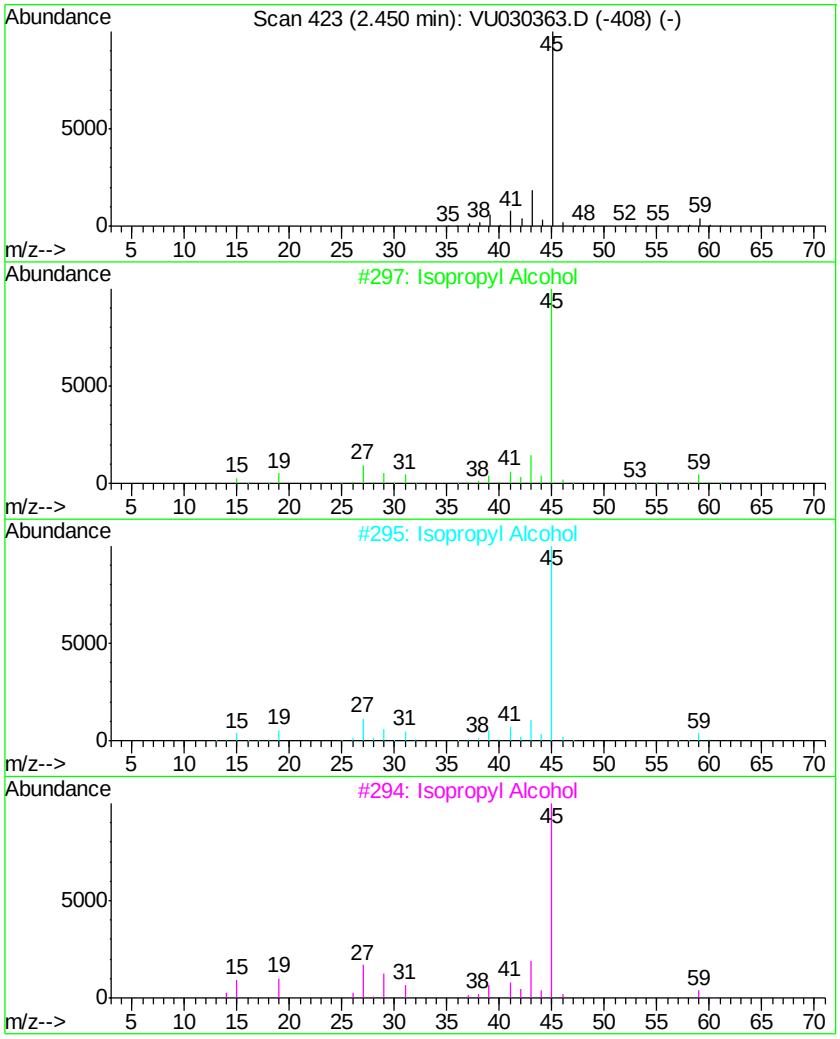
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

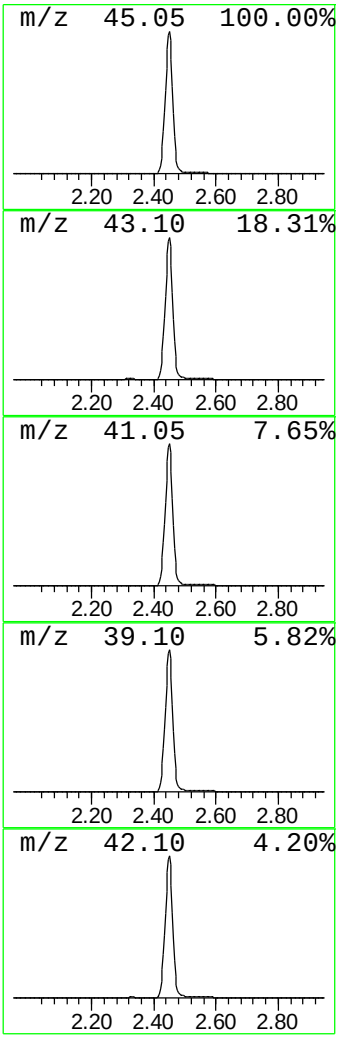
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	763.08 ug/L	15234000	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	9
5	Formamide	45	CH3NO	000075-12-7	5





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	763.1	ug/L	15234000	1	5.88	998191	50.0