LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032519\
Data File : VU030414.D
Acq On : 25 Mar 2019 19:53
Operator : JC/SP
Sample : K2016-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09E5

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	1.183	24	29	40	rVB2	17064	16411	0.86%	0.114%
2	1.399	89	96	108	rBV	308468	308055	16.14%	2.147%
3	1.675	175	182	198	rVB	220601	286967	15.04%	2.000%
4	2.270	356	367	380	rBV	452952	683635	35.82%	4.766%
5	2.444	412	421	437	rVB	41250	74279	3.89%	0.518%
6	2.688	493	497	499	rBV2	1885	1699	0.09%	0.012%
7	3.074	613	617	620	rVB	1593	1353	0.07%	0.009%
8	3.093	620	623	628	rBV2	1503	1527	0.08%	0.011%
9	3.154	639	642	646	rVB	1910	1318	0.07%	0.009%
10	3.187	646	652	653	rBV2	1175	1253	0.07%	0.009%
11	3.466	737	739	745	rVB	1921	1547	0.08%	0.011%
12	3.502	746	750	751	rBV	1918	1417	0.07%	0.010%
13	3.801	840	843	846	rBV	1909	1185	0.06%	0.008%
14	4.100	932	936	940	rBV	1558	1505	0.08%	0.010%
15	4.174	948	959	992	rBV	183129	473426	24.81%	3.300%
16	4.643	1090	1105	1128	rBV	298554	705966	36.99%	4.921%
17	4.977	1203	1209	1212	rBV	1976	2126	0.11%	0.015%
18	5.061	1232	1235	1240	rVB	2064	1809	0.09%	0.013%
19	5.087	1240	1243	1247	rBV	2353	1605	0.08%	0.011%
20	5.231	1285	1288	1291	rBV	1422	1104	0.06%	0.008%
21	5.338	1298	1321	1351	rBV2	634812	1908333	100.00%	13.303%
22	5.662	1416	1422	1425	rBV	1510	1559	0.08%	0.011%
23	5.682	1425	1428	1435	rVB	1189	1385	0.07%	0.010%
24	5.736	1442	1445	1450	rBV2	1206	1317	0.07%	0.009%
25	5.833	1471	1475	1477	rBV	2608	2235	0.12%	0.016%
26	5.884	1478	1491	1525	rVV	556930	1141934	59.84%	7.960%
27	6.058	1543	1545	1551	rBV4	1569	1715	0.09%	0.012%
28	6.328	1615	1629	1651	rBV	427183	874777	45.84%	6.098%
29	6.550	1695	1698	1705	rVB	2027	2241	0.12%	0.016%
30	6.755	1758	1762	1768	rVB	1669	1526	0.08%	0.011%
31	6.797	1768	1775	1779	rBV	1321	1749	0.09%	0.012%
32	6.823	1780	1783	1787	rVB	1708	1290	0.07%	0.009%
33	6.874	1796	1799	1804	rVB2	1217	1084	0.06%	0.008%
34	7.225	1895	1908	1925	rBV	235136	426467	22.35%	2.973%

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Sample : K2016-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09E5

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	7.563	2001	2013	2035	rBV	803491	1429567	74.91%	9.966%
36	7.743	2065	2069	2073	rBV	1697	1739	0.09%	0.012%
37	7.846	2090	2101	2122	rBV	158668	280670	14.71%	1.957%
38	8.090	2172	2177	2182	rVB	1595	1877	0.10%	0.013%
39	8.119	2182	2186	2190	rBV	1509	1617	0.08%	0.011%
40	8.309	2234	2245	2284	rVV	571208	1075865	56.38%	7.500%
41	8.572	2322	2327	2332	rBV3	1597	2065	0.11%	0.014%
42	8.717	2368	2372	2375	rBV2	1287	1098	0.06%	0.008%
43	8.836	2407	2409	2416	rVB2	1116	1057	0.06%	0.007%
44	8.871	2416	2420	2423	rBV	1860	1420	0.07%	0.010%
45	8.942	2439	2442	2449	rVB	1628	1814	0.10%	0.013%
46	8.977	2449	2453	2458	rVB	2022	2272	0.12%	0.016%
47	9.006	2458	2462	2466	rBV	2040	1935	0.10%	0.013%
48	9.087	2471	2487	2512	rBV	815237	1401120	73.42%	9.767%
49	9.228	2528	2531	2534	rVB	1559	1061	0.06%	0.007%
50	9.299	2550	2553	2556	rBV	1680	1382	0.07%	0.010%
51	9.341	2561	2566	2570	rVB	1480	1494	0.08%	0.010%
52	9.431	2590	2594	2600	rBV2	1461	1463	0.08%	0.010%
53	9.501	2613	2616	2621	rVV	1021	1121	0.06%	0.008%
54	9.624	2643	2654	2659	rBV	1431	2581	0.14%	0.018%
55	9.958	2755	2758	2766	rVB2	1162	1677	0.09%	0.012%
56	10.003	2766	2772	2777	rBV2	1491	1918	0.10%	0.013%
57	10.035	2777	2782	2786	rVV	1855	2038	0.11%	0.014%
58	10.058	2786	2789	2792	rVV	1714	1201	0.06%	0.008%
59	10.116	2802	2807	2815	rVB	2695	3381	0.18%	0.024%
60	10.189	2827	2830	2833	rBV	1593	1209	0.06%	0.008%
61	10.427	2892	2904	2930	rVB	543252	884472	46.35%	6.166%
62	10.604	2955	2959	2965	rVV4	1912	2005	0.11%	0.014%
63	10.662	2969	2977	2979	rBV	1705	2162	0.11%	0.015%
64	10.733	2996	2999	3004	rBV2	1251	1418	0.07%	0.010%
65	10.845	3032	3034	3039	rVB2	1212	1053	0.06%	0.007%
66	11.099	3110	3113	3119	rVB	1722	1579	0.08%	0.011%
67	11.135	3119	3124	3126	rBV	1148	1198	0.06%	0.008%
68	11.209	3144	3147	3157	rVB	1563	2200	0.12%	0.015%
69	11.260	3157	3163	3166	rBV2	1398	1545	0.08%	0.011%
70	11.379	3197	3200	3203	rBV	1898	1663	0.09%	0.012%
71	11.424	3208	3214	3218	rVB3	2029	2191	0.11%	0.015%

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ALS Vial : 13 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

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	11.482	3219	3232	3255	rBV	665915	1123498	58.87%	7.832%
73	11.607	3268	3271	3275	rBV3	1070	1096	0.06%	0.008%
74	11.659	3283	3287	3289	rBV	1970	1420	0.07%	0.010%
75	11.791	3325	3328	3330	rBV	2099	1186	0.06%	0.008%
76	11.858	3337	3349	3368	rBV	648739	1115435	58.45%	7.776%
77	12.321	3487	3493	3495	rBV2	1770	1911	0.10%	0.013%
78	12.405	3509	3519	3523	rBV2	1983	2496	0.13%	0.017%
79	12.437	3525	3529	3532	rBV	1570	1331	0.07%	0.009%
80	12.582	3570	3574	3576	rBV2	1641	1238	0.06%	0.009%
81	12.611	3580	3583	3589	rVV2	1391	1348	0.07%	0.009%
82	12.816	3642	3647	3653	rBV	1785	1903	0.10%	0.013%
83	12.897	3667	3672	3675	rBV	2067	1820	0.10%	0.013%
84	13.080	3725	3729	3734	rVB2	2170	2226	0.12%	0.016%
85	13.109	3734	3738	3741	rBV	2205	1818	0.10%	0.013%
86	13.566	3875	3880	3885	rBV	1896	1847	0.10%	0.013%
87	13.694	3915	3920	3924	rBV2	1942	2191	0.11%	0.015%
88	13.794	3947	3951	3955	rBV2	1075	1225	0.06%	0.009%
89	14.057	4029	4033	4035	rBV	1483	1256	0.07%	0.009%
90	14.154	4060	4063	4068	rVB	2076	1731	0.09%	0.012%
91	14.382	4131	4134	4139	rVB	1385	1118	0.06%	0.008%
92	14.514	4172	4175	4181	rBV	1635	1725	0.09%	0.012%
93	14.636	4210	4213	4218	rBV	1357	1335	0.07%	0.009%
94	14.746	4244	4247	4250	rBV	1769	1343	0.07%	0.009%
95	14.807	4263	4266	4268	rBV2	2601	1922	0.10%	0.013%
96	15.337	4428	4431	4433	rBV2	1662	1102	0.06%	0.008%
97	15.713	4546	4548	4553	rVB	2696	1922	0.10%	0.013%
98	15.749	4553	4559	4562	rBV2	2837	2726	0.14%	0.019%
99	15.980	4628	4631	4636	rBV3	1685	1451	0.08%	0.010%
100	16.276	4720	4723	4727	rBV	1698	1470	0.08%	0.010%

Sum of corrected areas: 14345017

LSC Report - Integrated Chromatogram

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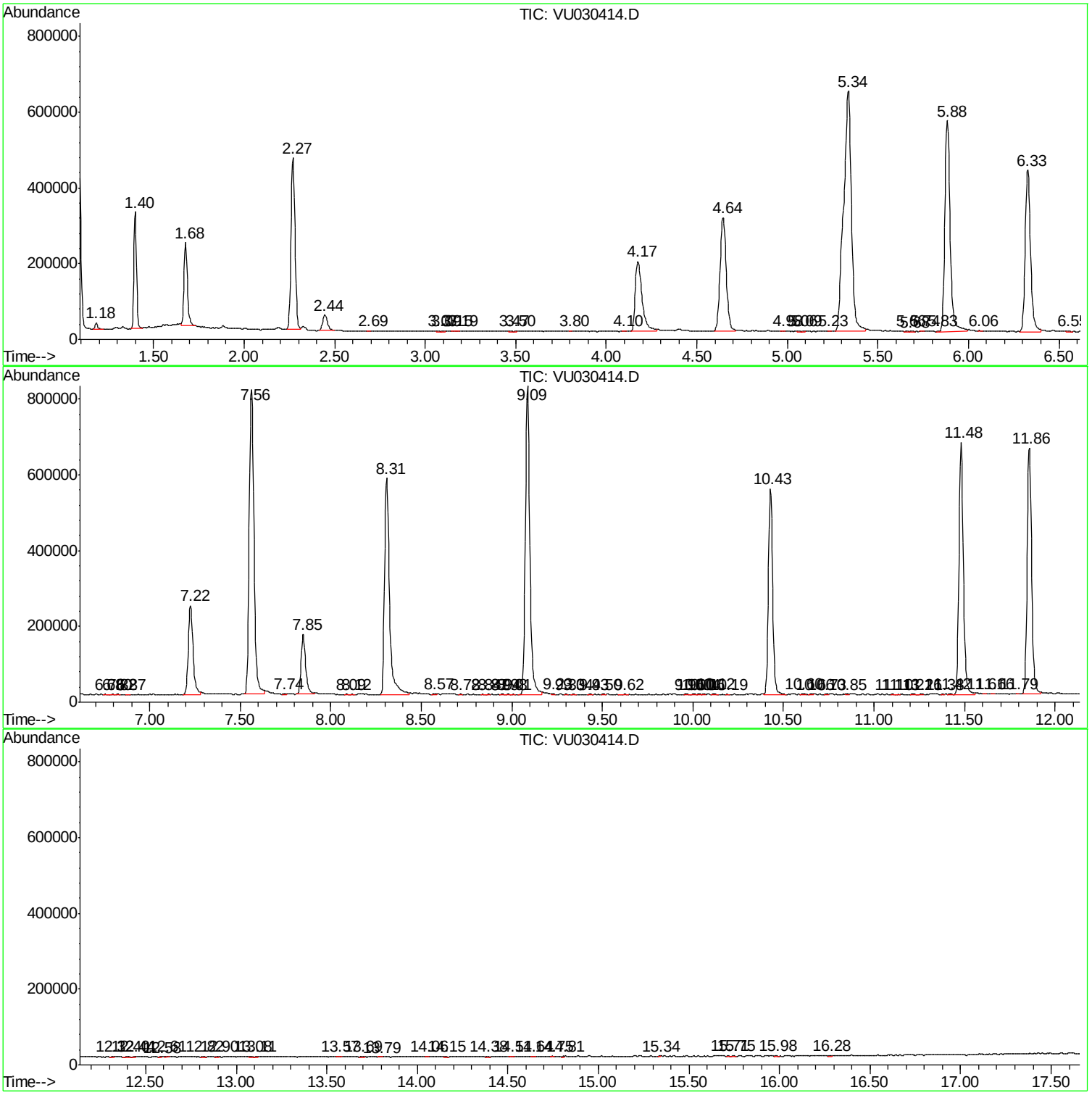
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09E5

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\VU032519\
Data File : VU030414.D
Acq On : 25 Mar 2019 19:53
Operator : JC/SP
Sample : K2016-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09E5

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

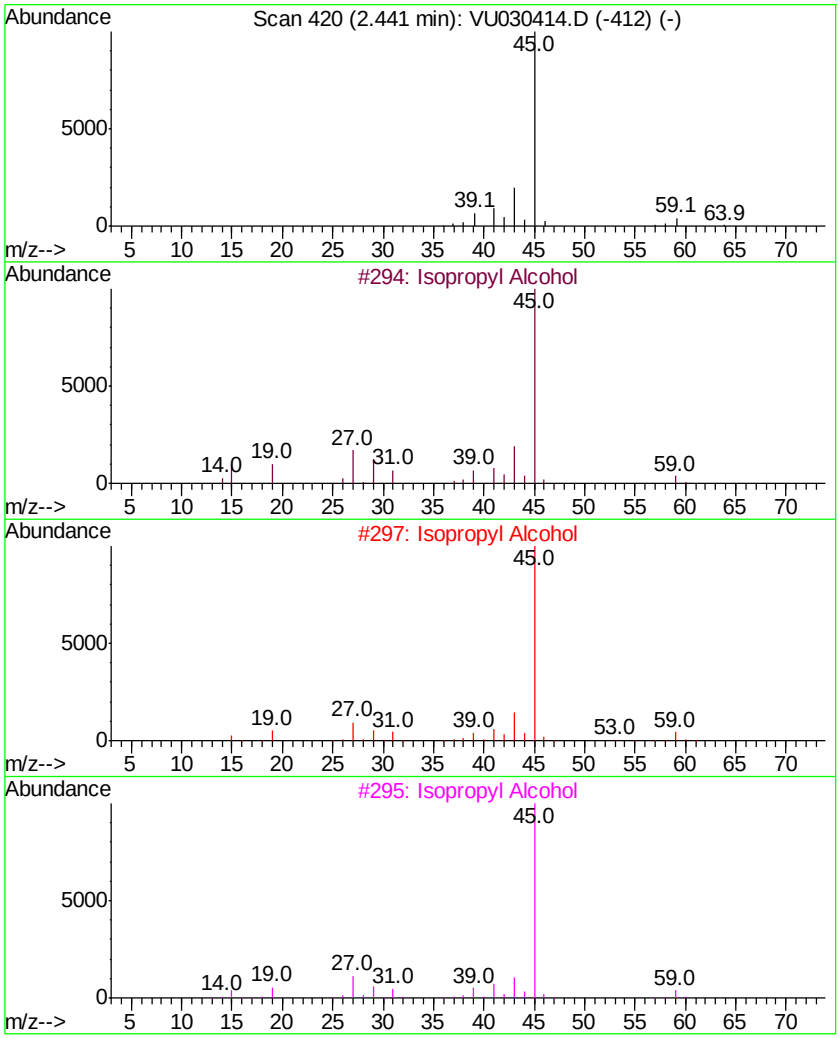
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

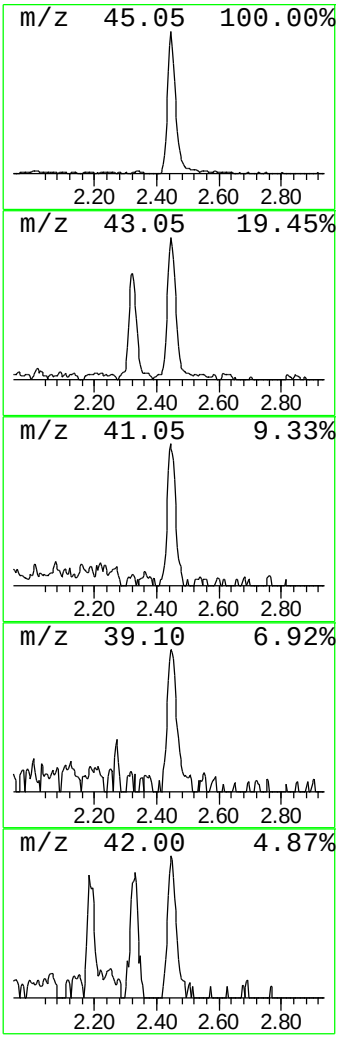
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	3.25 ug/L	74279	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	4-Penten-2-ol	86	C5H10O	000625-31-0	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\
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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	2.44	3.3	ug/L	74279	1	5.88	1141930	50.0