LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032319\
Data File : VU030347.D
Acq On : 23 Mar 2019 18:04
Operator : JC/SP
Sample : K2062-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1D7

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	36	rBV2	23212	21221	0.58%	0.128%
2	1.399	89	96	107	rBV	241543	237243	6.49%	1.436%
3	1.679	176	183	196	rBV	169508	215458	5.89%	1.304%
4	2.270	356	367	379	rBV	364073	560817	15.33%	3.394%
5	2.444	412	421	442	rVB	56602	104657	2.86%	0.633%
6	2.585	462	465	475	rVB	2295	2263	0.06%	0.014%
7	2.627	475	478	482	rBV	1680	1524	0.04%	0.009%
8	2.704	493	502	506	rBV3	4216	5935	0.16%	0.036%
9	2.833	536	542	545	rBV2	2291	2876	0.08%	0.017%
10	2.913	565	567	572	rVB	1424	1170	0.03%	0.007%
11	2.990	588	591	593	rVV3	1401	1022	0.03%	0.006%
12	3.096	620	624	629	rBV	1412	1475	0.04%	0.009%
13	3.363	703	707	713	rVB	1833	1464	0.04%	0.009%
14	3.428	724	727	732	rBV2	1400	1284	0.04%	0.008%
15	3.752	823	828	829	rBV	1213	1065	0.03%	0.006%
16	4.071	924	927	931	rVB	1506	1198	0.03%	0.007%
17	4.177	948	960	1006	rBV	164166	445365	12.18%	2.696%
18	4.646	1090	1106	1130	rBV	258780	632829	17.30%	3.830%
19	4.878	1175	1178	1184	rBV2	1548	1845	0.05%	0.011%
20	5.000	1212	1216	1225	rVV3	2010	2283	0.06%	0.014%
21	5.338	1298	1321	1345	rBV2	548883	1624930	44.42%	9.835%
22	5.592	1397	1400	1404	rBV	1615	1529	0.04%	0.009%
23	5.614	1405	1407	1410	rVV	1967	1218	0.03%	0.007%
24	5.640	1413	1415	1420	rVB	1839	1364	0.04%	0.008%
25	5.678	1420	1427	1430	rBV	1608	2015	0.06%	0.012%
26	5.717	1434	1439	1445	rBV	2180	2742	0.07%	0.017%
27	5.884	1477	1491	1528	rBV	478235	997872	27.28%	6.040%
28	6.103	1556	1559	1565	rVB2	1932	2211	0.06%	0.013%
29	6.135	1565	1569	1574	rBV2	1468	1201	0.03%	0.007%
30	6.186	1575	1585	1600	rBV4	19389	41499	1.13%	0.251%
31	6.328	1615	1629	1650	rBV2	364179	748385	20.46%	4.530%
32	6.675	1734	1737	1744	rVB2	1698	2011	0.05%	0.012%
33	6.752	1755	1761	1764	rBV2	1703	2053	0.06%	0.012%
34	6.894	1801	1805	1809	rBV	1918	1957	0.05%	0.012%

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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
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

35	6.916	1809	1812	1818	rVV	1204	1456	0.04%	0.009%
36	6.977	1824	1831	1834	rVB	1318	1587	0.04%	0.010%
37	7.032	1844	1848	1852	rBV	1710	1604	0.04%	0.010%
38	7.058	1852	1856	1859	rVB	1503	992	0.03%	0.006%
39	7.100	1863	1869	1871	rBV	1231	1019	0.03%	0.006%
40	7.225	1895	1908	1929	rBV2	199137	376534	10.29%	2.279%
41	7.379	1951	1956	1958	rBV2	2835	2717	0.07%	0.016%
42	7.563	1998	2013	2032	rBV	707268	1266780	34.63%	7.667%
43	7.849	2090	2102	2127	rBV	139342	257023	7.03%	1.556%
44	8.013	2144	2153	2158	rBV3	1800	3257	0.09%	0.020%
45	8.138	2188	2192	2196	rBV	1119	1275	0.03%	0.008%
46	8.167	2196	2201	2202	rBV	3960	2886	0.08%	0.017%
47	8.225	2205	2219	2235	rVV	2099329	3657707	100.00%	22.139%
48	8.309	2236	2245	2275	rVB	532980	1002607	27.41%	6.069%
49	8.723	2371	2374	2378	rVB	1867	1389	0.04%	0.008%
50	9.003	2457	2461	2466	rBV	1074	1229	0.03%	0.007%
51	9.087	2474	2487	2509	rBV	719702	1220799	33.38%	7.389%
52	9.244	2533	2536	2538	rBV	1704	1067	0.03%	0.006%
53	9.376	2571	2577	2582	rBV3	2292	3320	0.09%	0.020%
54	9.659	2663	2665	2669	rVV	1564	1116	0.03%	0.007%
55	9.755	2690	2695	2697	rBV2	2628	2626	0.07%	0.016%
56	9.861	2725	2728	2731	rBV	1714	1007	0.03%	0.006%
57	9.897	2731	2739	2743	rVB	2176	3077	0.08%	0.019%
58	9.948	2750	2755	2759	rVV	2402	2172	0.06%	0.013%
59	10.067	2785	2792	2794	rBV2	1525	1541	0.04%	0.009%
60	10.135	2810	2813	2818	rBV	1459	978	0.03%	0.006%
61	10.164	2818	2822	2823	rBV2	2565	1805	0.05%	0.011%
62	10.427	2892	2904	2920	rBV	481548	787718	21.54%	4.768%
63	10.559	2942	2945	2948	rVB2	1691	1011	0.03%	0.006%
64	10.611	2952	2961	2969	rBV6	5309	9851	0.27%	0.060%
65	10.726	2995	2997	3003	rVB3	1495	1401	0.04%	0.008%
66	10.810	3020	3023	3027	rVB	1906	1205	0.03%	0.007%
67	10.894	3046	3049	3053	rBV2	1464	1277	0.03%	0.008%
68	10.939	3060	3063	3069	rVB2	1475	1424	0.04%	0.009%
69	11.013	3083	3086	3094	rBV	2214	2462	0.07%	0.015%
70	11.093	3106	3111	3115	rVB	1631	1676	0.05%	0.010%
71	11.344	3185	3189	3194	rBV2	1576	1977	0.05%	0.012%

LSC Area Percent Report

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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1D7

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	11.418	3207	3212	3220	rVV3	3144	4932	0.13%	0.030%
73	11.482	3220	3232	3256	rVV	670426	1098003	30.02%	6.646%
74	11.665	3283	3289	3294	rBV2	2441	3687	0.10%	0.022%
75	11.726	3305	3308	3314	rVV3	1141	1284	0.04%	0.008%
76	11.858	3333	3349	3370	rBV	631975	1071312	29.29%	6.484%
77	12.025	3398	3401	3406	rBV	1765	1932	0.05%	0.012%
78	12.222	3459	3462	3468	rVB	1178	1045	0.03%	0.006%
79	12.289	3480	3483	3490	rVB	1720	1449	0.04%	0.009%
80	12.434	3523	3528	3531	rBV2	1284	1313	0.04%	0.008%
81	12.479	3536	3542	3548	rVB3	2690	2881	0.08%	0.017%
82	12.595	3572	3578	3580	rBV	1588	1481	0.04%	0.009%
83	12.659	3593	3598	3599	rBV2	1536	1265	0.03%	0.008%
84	12.762	3622	3630	3632	rBV2	1728	2375	0.06%	0.014%
85	12.823	3643	3649	3654	rBV2	1359	1975	0.05%	0.012%
86	13.109	3734	3738	3744	rBV	1922	1883	0.05%	0.011%
87	13.138	3744	3747	3750	rBV2	1612	1123	0.03%	0.007%
88	13.186	3760	3762	3768	rVB	2028	1535	0.04%	0.009%
89	13.221	3769	3773	3774	rBV	1693	1131	0.03%	0.007%
90	13.392	3822	3826	3829	rBV	1584	1061	0.03%	0.006%
91	13.437	3837	3840	3846	rBV	1338	1058	0.03%	0.006%
92	13.739	3931	3934	3936	rBV	1471	1145	0.03%	0.007%
93	13.861	3968	3972	3975	rBV3	1446	1320	0.04%	0.008%
94	14.135	4053	4057	4062	rBV	2119	2540	0.07%	0.015%
95	14.215	4079	4082	4094	rVB2	1953	2839	0.08%	0.017%
96	14.585	4193	4197	4200	rBV2	2025	1865	0.05%	0.011%
97	14.813	4264	4268	4273	rBV	1646	1538	0.04%	0.009%
98	15.424	4456	4458	4464	rVV	1298	1075	0.03%	0.007%
99	15.456	4465	4468	4472	rVB	2726	1895	0.05%	0.011%
100	15.755	4559	4561	4564	rBV	1431	990	0.03%	0.006%

Sum of corrected areas: 16521485

LSC Report - Integrated Chromatogram

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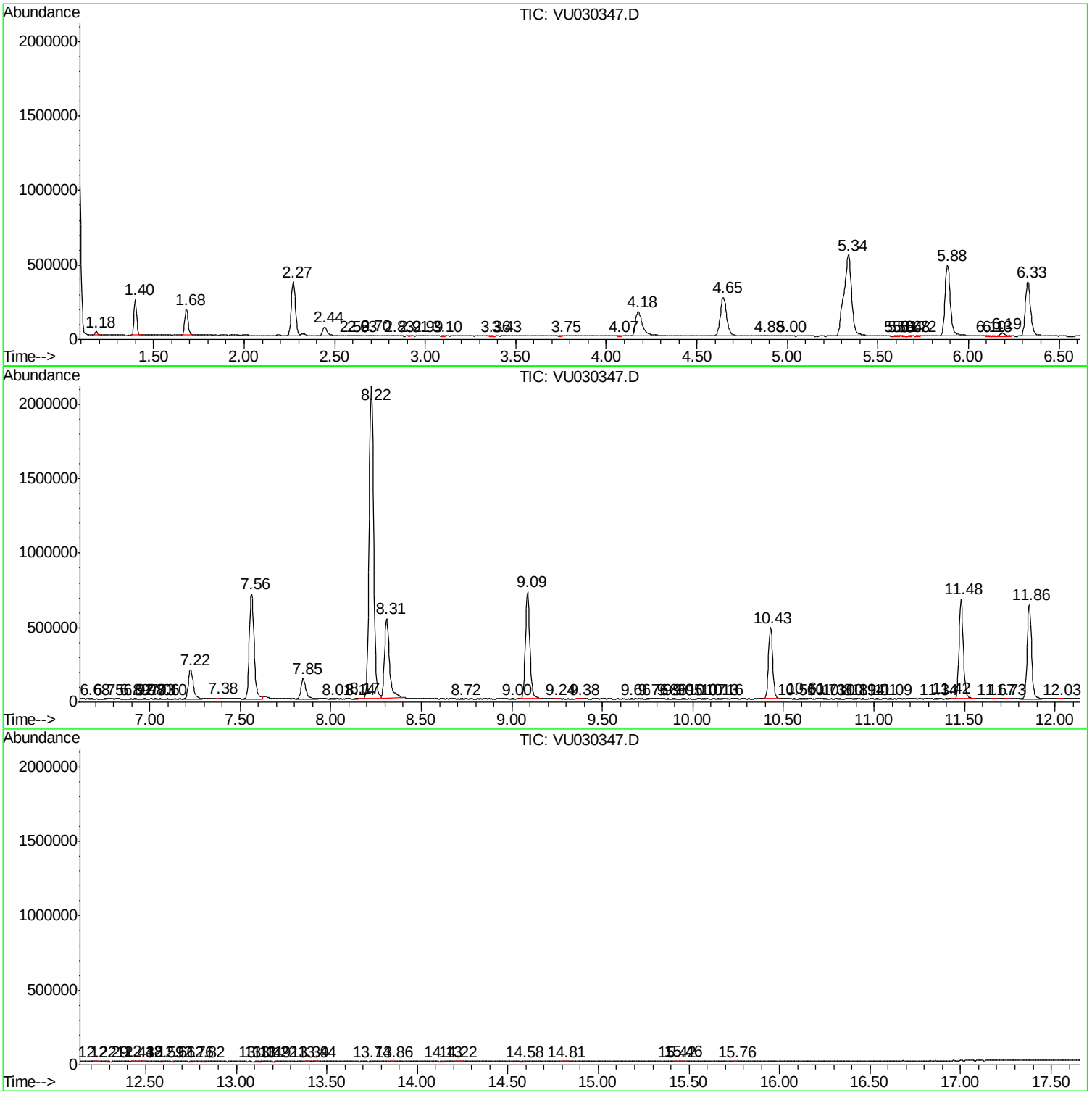
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1D7

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



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

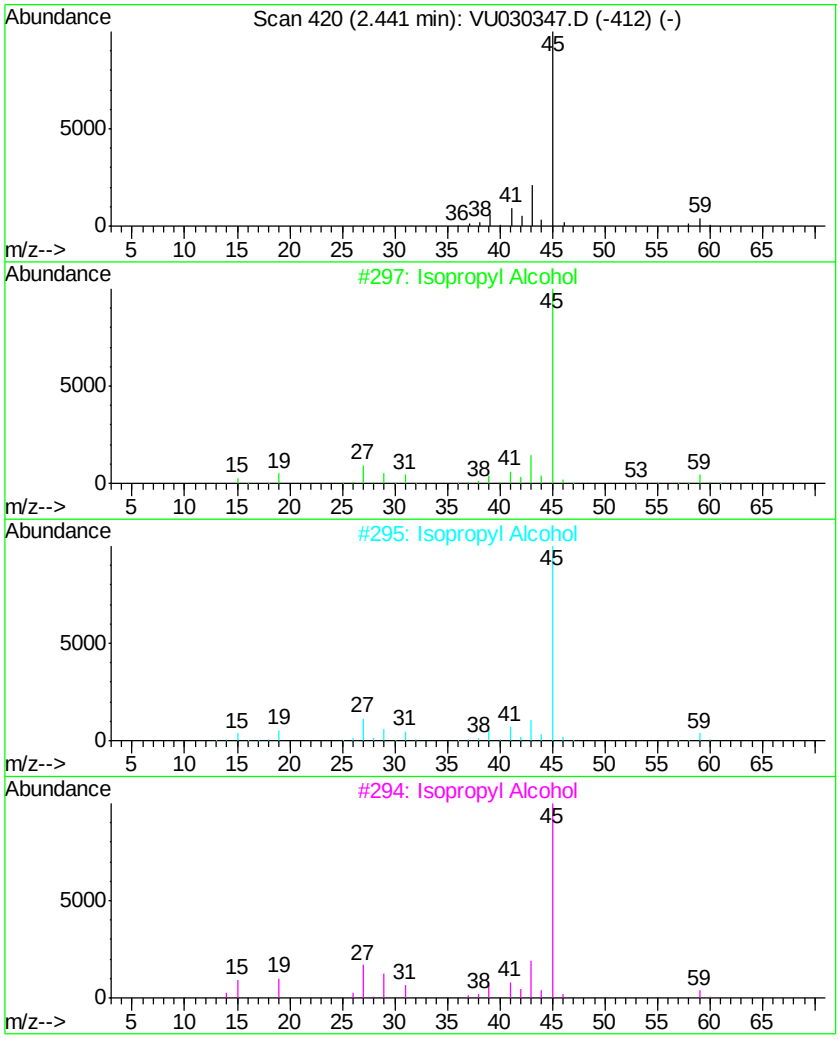
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

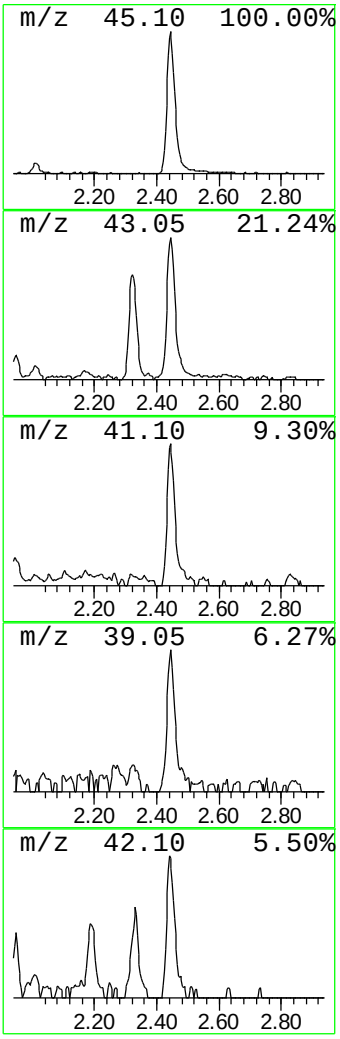
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	5.24 ug/L	104657	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	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
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	2.44	5.2	ug/L	104657	1	5.88	997872	50.0