LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032619\
Data File : VU030445.D
Acq On : 26 Mar 2019 15:29
Operator : JC/SP
Sample : K2070-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09D6

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	25	29	36	rVB2	14719	13709	0.12%	0.026%
2	1.399	89	96	108	rBV	299402	298661	2.62%	0.559%
3	1.675	175	182	207	rVB	220366	302349	2.65%	0.566%
4	2.270	356	367	377	rBV	447092	679432	5.96%	1.273%
5	2.321	378	383	397	rVB3	42149	66274	0.58%	0.124%
6	2.447	412	422	439	rBV	90226	165731	1.45%	0.310%
7	2.601	467	470	477	rVB	1938	2080	0.02%	0.004%
8	3.431	724	728	735	rBV	1717	1933	0.02%	0.004%
9	3.466	735	739	744	rVB	2008	1908	0.02%	0.004%
10	3.562	764	769	774	rBV	2619	3409	0.03%	0.006%
11	3.874	863	866	872	rVB	2277	1965	0.02%	0.004%
12	4.173	947	959	991	rBV	204787	539913	4.74%	1.011%
13	4.643	1086	1105	1126	rBV	314970	754976	6.62%	1.414%
14	5.096	1240	1246	1249	rBV	2096	2071	0.02%	0.004%
15	5.119	1250	1253	1257	rBV3	1366	1275	0.01%	0.002%
16	5.244	1287	1292	1294	rBV	1316	1345	0.01%	0.003%
17	5.337	1298	1321	1330	rBV2	666295	1938980	17.01%	3.632%
18	5.884	1477	1491	1521	rBV	538516	1097539	9.63%	2.056%
19	6.157	1572	1576	1579	rBV2	1457	1465	0.01%	0.003%
20	6.209	1589	1592	1599	rVB2	1978	1552	0.01%	0.003%
21	6.328	1615	1629	1653	rBV	443979	903418	7.93%	1.692%
22	6.662	1729	1733	1739	rBV	1783	2303	0.02%	0.004%
23	6.826	1778	1784	1791	rBV	2150	2744	0.02%	0.005%
24	6.903	1804	1808	1815	rVB	2241	2235	0.02%	0.004%
25	6.939	1815	1819	1825	rVB	1422	1662	0.01%	0.003%
26	7.160	1884	1888	1893	rVB2	1822	1967	0.02%	0.004%
27	7.225	1893	1908	1930	rBV	245187	447271	3.92%	0.838%
28	7.447	1973	1977	1983	rVB	2318	2584	0.02%	0.005%
29	7.562	2000	2013	2049	rBV	819147	1511546	13.26%	2.831%
30	7.775	2075	2079	2085	rVB	2477	2081	0.02%	0.004%
31	7.845	2091	2101	2119	rBV	169300	297067	2.61%	0.556%
32	8.006	2145	2151	2158	rBV	2851	3923	0.03%	0.007%
33	8.144	2191	2194	2199	rVV	1430	1455	0.01%	0.003%
34	8.170	2199	2202	2210	rVB4	2682	2919	0.03%	0.005%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09D6

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	8.231	2214	2221	2224	rBV2	2633	3170	0.03%	0.006%
36	8.308	2232	2245	2283	rBV	645627	1184804	10.39%	2.219%
37	8.858	2410	2416	2426	rBV	2883	4572	0.04%	0.009%
38	8.990	2451	2457	2460	rVB	1672	1585	0.01%	0.003%
39	9.115	2471	2496	2536	rBV2	3807286	7705103	67.59%	14.433%
40	9.376	2573	2577	2588	rBV	2037	3984	0.03%	0.007%
41	9.459	2598	2603	2607	rBV	1275	1448	0.01%	0.003%
42	9.485	2608	2611	2617	rVB	2003	2195	0.02%	0.004%
43	9.524	2617	2623	2626	rBV2	1329	1405	0.01%	0.003%
44	9.556	2630	2633	2638	rBV	1249	1290	0.01%	0.002%
45	9.691	2669	2675	2677	rBV2	1501	1587	0.01%	0.003%
46	9.839	2717	2721	2724	rVB	2056	1645	0.01%	0.003%
47	9.861	2724	2728	2732	rBV	2498	2025	0.02%	0.004%
48	9.903	2735	2741	2746	rBV2	1667	1981	0.02%	0.004%
49	10.090	2794	2799	2801	rBV	1906	1759	0.02%	0.003%
50	10.135	2807	2813	2817	rBV	2128	2300	0.02%	0.004%
51	10.427	2890	2904	2928	rVV	589489	963379	8.45%	1.805%
52	10.517	2928	2932	2937	rVB	1937	2217	0.02%	0.004%
53	10.556	2937	2944	2947	rVB2	1833	2208	0.02%	0.004%
54	10.591	2947	2955	2957	rBV	1751	2293	0.02%	0.004%
55	10.733	2996	2999	3006	rVB	1699	1901	0.02%	0.004%
56	10.842	3030	3033	3039	rVB2	1291	1329	0.01%	0.002%
57	10.983	3074	3077	3082	rVB	2099	1755	0.02%	0.003%
58	11.022	3082	3089	3092	rBV2	1888	2254	0.02%	0.004%
59	11.080	3103	3107	3115	rBV	1819	2863	0.03%	0.005%
60	11.144	3124	3127	3131	rVB	1901	1464	0.01%	0.003%
61	11.196	3137	3143	3146	rBV2	1164	1273	0.01%	0.002%
62	11.286	3166	3171	3174	rBV	2100	2182	0.02%	0.004%
63	11.318	3179	3181	3185	rVB	2041	1309	0.01%	0.002%
64	11.347	3185	3190	3193	rBV	1652	1951	0.02%	0.004%
65	11.414	3199	3211	3222	rBV	707129	1124663	9.87%	2.107%
66	11.504	3222	3239	3265	rVB2	4968107	8862059	77.74%	16.600%
67	11.762	3311	3319	3327	rBV4	4477	9408	0.08%	0.018%
68	11.874	3336	3354	3380	rBV3	4198818	7759191	68.07%	14.534%
69	12.064	3410	3413	3418	rBV	1392	1419	0.01%	0.003%
70	12.106	3423	3426	3429	rVB	2111	1338	0.01%	0.003%
71	12.128	3429	3433	3439	rVB	2402	2832	0.02%	0.005%

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ClientSampleId : C09D6

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

72	12.247	3464	3470	3473	rBV2	1700	1600	0.01%	0.003%
73	12.279	3477	3480	3484	rVB	1614	1310	0.01%	0.002%
74	12.343	3492	3500	3502	rBV4	3433	4069	0.04%	0.008%
75	12.530	3555	3558	3561	rVV	1928	1314	0.01%	0.002%
76	12.578	3568	3573	3579	rVV6	2907	3360	0.03%	0.006%
77	12.633	3579	3590	3606	rVV2	75908	127973	1.12%	0.240%
78	12.713	3612	3615	3621	rVB2	1614	1597	0.01%	0.003%
79	12.755	3625	3628	3636	rBV	1549	2046	0.02%	0.004%
80	12.819	3636	3648	3660	rBV4	37522	97355	0.85%	0.182%
81	12.887	3660	3669	3677	rVB2	22902	34764	0.30%	0.065%
82	12.987	3689	3700	3713	rBV3	49216	83980	0.74%	0.157%
83	13.234	3765	3777	3786	rBV4	6933	14078	0.12%	0.026%
84	13.360	3809	3816	3818	rBV2	1749	1769	0.02%	0.003%
85	13.498	3843	3859	3891	rBV	7240266	11399357	100.00%	21.353%
86	13.845	3962	3967	3971	rBV3	1822	1975	0.02%	0.004%
87	13.983	3996	4010	4035	rBV	2644610	4299882	37.72%	8.055%
88	14.488	4165	4167	4173	rVB2	1810	1554	0.01%	0.003%
89	14.523	4173	4178	4182	rBV2	2003	2163	0.02%	0.004%
90	14.739	4239	4245	4247	rBV2	1983	2140	0.02%	0.004%
91	14.803	4260	4265	4272	rVB3	2231	2537	0.02%	0.005%
92	14.835	4272	4275	4278	rBV	2185	1650	0.01%	0.003%
93	15.070	4331	4348	4364	rBV3	61541	134010	1.18%	0.251%
94	15.343	4429	4433	4436	rBV	1890	1594	0.01%	0.003%
95	15.401	4448	4451	4454	rBV	1899	1246	0.01%	0.002%
96	15.646	4516	4527	4554	rBV	222082	424734	3.73%	0.796%
97	15.855	4588	4592	4596	rBV2	1636	1558	0.01%	0.003%
98	16.006	4636	4639	4645	rBV2	2195	2475	0.02%	0.005%
99	16.060	4653	4656	4662	rBV	1707	1598	0.01%	0.003%
100	16.523	4797	4800	4802	rBV2	1861	1234	0.01%	0.002%

Sum of corrected areas: 53384805

LSC Report - Integrated Chromatogram

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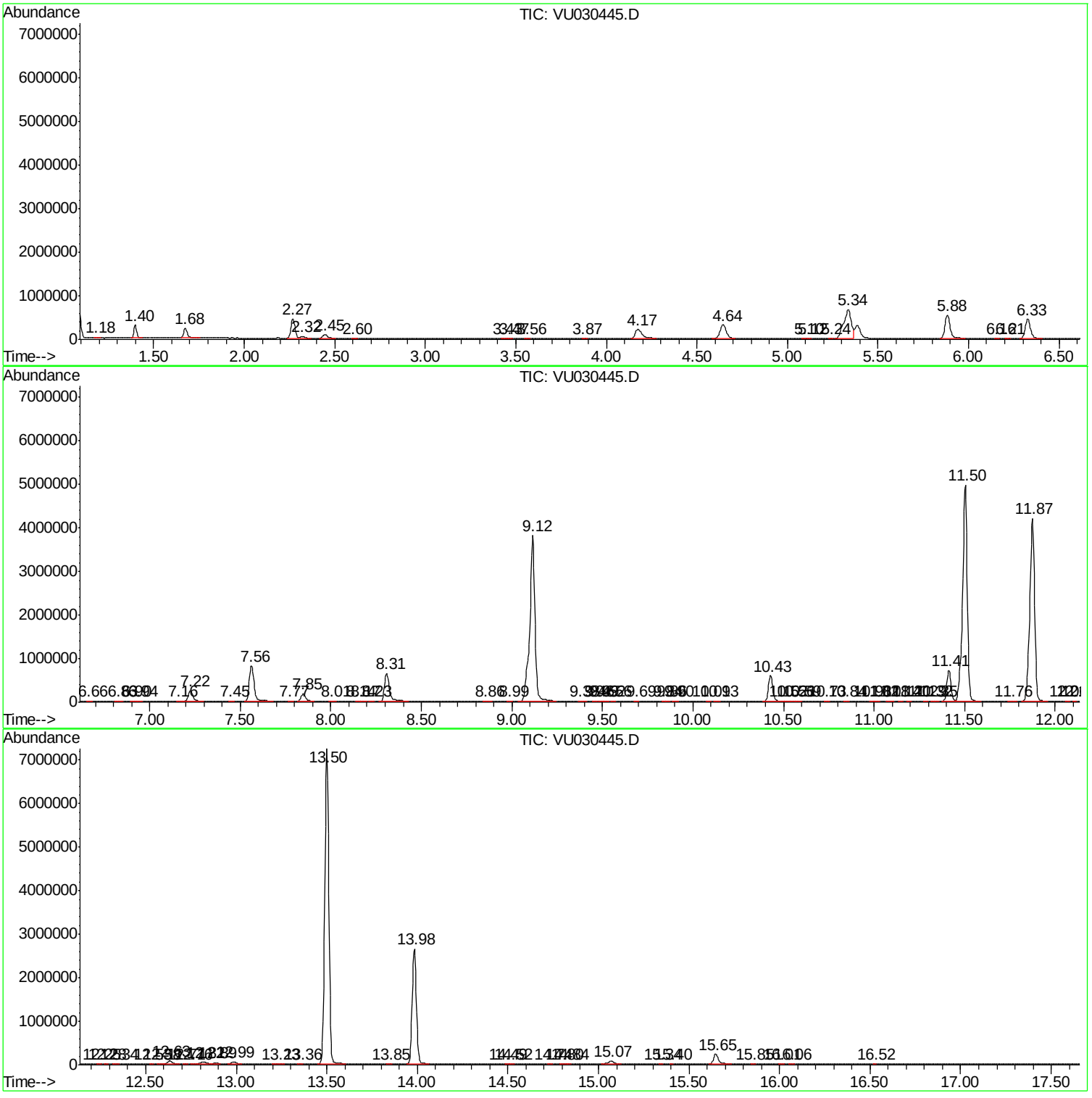
Instrument : MSVOA_U
ClientSampleId : C09D6

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\VU032619\
Data File : VU030445.D
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Operator : JC/SP
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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09D6

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

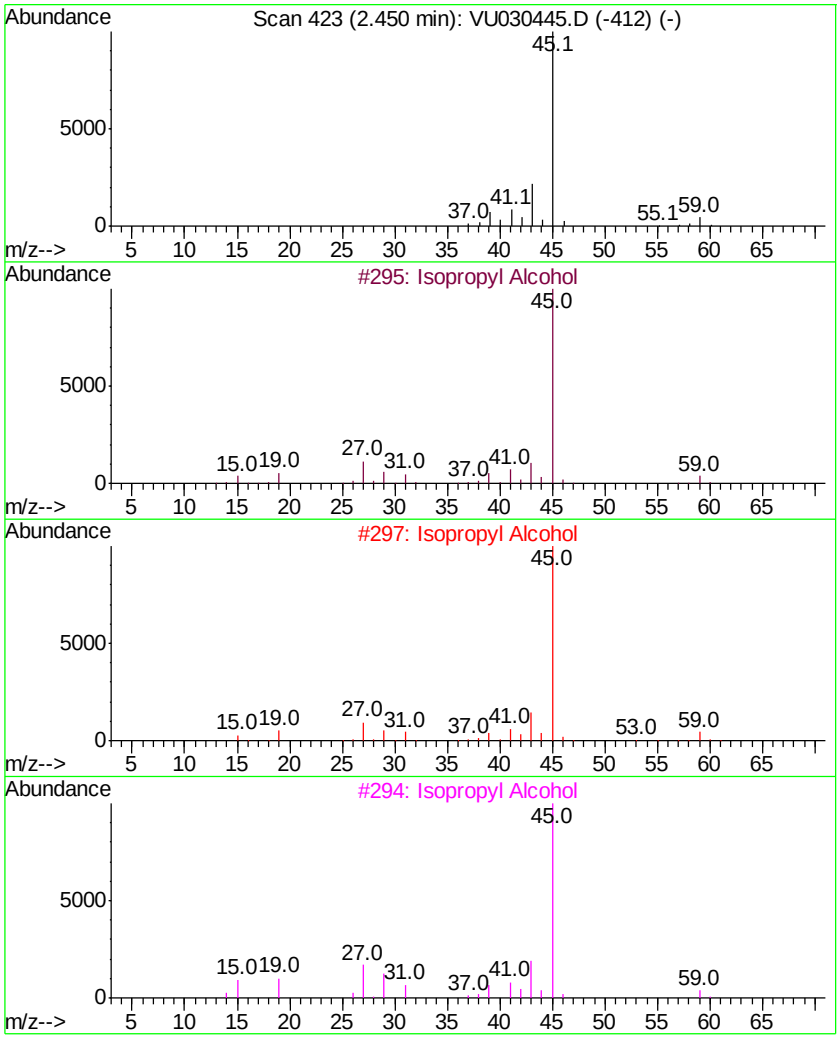
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

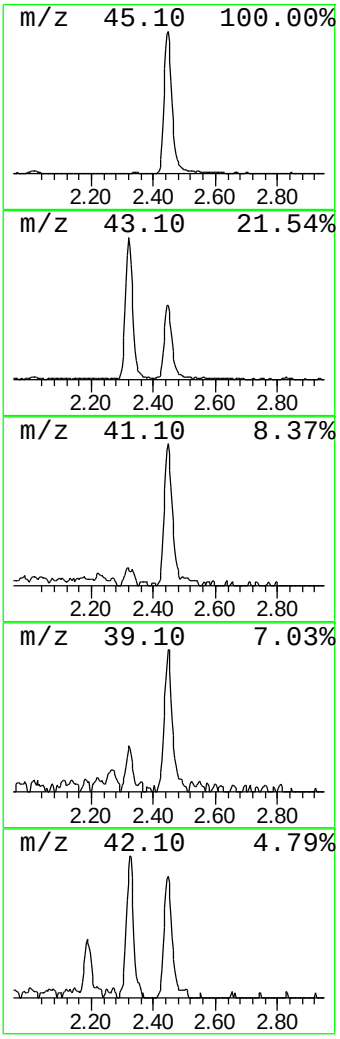
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	7.55 ug/L	165731	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	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	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	7.5	ug/L	165731	1	5.88	1097540	50.0