LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102218\
Data File : VU027740.D
Acq On : 22 Oct 2018 14:08
Operator : MD/SY
Sample : J5589-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0T26

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\SOMULM102218WMA.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	1.398	64	70	81	rVB	61591	61622	14.02%	1.579%
2	1.681	152	158	176	rVB	43446	56512	12.86%	1.448%
3	2.273	333	342	355	rVB	91915	137066	31.18%	3.512%
4	2.447	385	396	411	rBV2	16274	28847	6.56%	0.739%
5	2.649	458	459	463	rVB	172	56	0.01%	0.001%
6	2.739	484	487	492	rVB	163	107	0.02%	0.003%
7	3.701	783	786	787	rBV	76	45	0.01%	0.001%
8	3.855	831	834	837	rBV	112	73	0.02%	0.002%
9	4.012	881	883	888	rBV	51	48	0.01%	0.001%
10	4.038	888	891	893	rBV	80	51	0.01%	0.001%
11	4.083	902	905	907	rBV	93	65	0.01%	0.002%
12	4.131	916	920	922	rBV	99	82	0.02%	0.002%
13	4.180	922	935	964	rBV	43590	118383	26.93%	3.033%
14	4.392	999	1001	1004	rVB	248	85	0.02%	0.002%
15	4.414	1004	1008	1010	rBV	375	250	0.06%	0.006%
16	4.482	1025	1029	1036	rVB	103	108	0.02%	0.003%
17	4.514	1036	1039	1044	rVB	146	112	0.03%	0.003%
18	4.559	1047	1053	1056	rBV	97	110	0.03%	0.003%
19	4.652	1064	1082	1106	rBV	71571	169575	38.58%	4.345%
20	4.836	1136	1139	1148	rBV2	411	628	0.14%	0.016%
21	4.993	1186	1188	1190	rBV	220	97	0.02%	0.002%
22	5.006	1190	1192	1194	rBV	154	57	0.01%	0.001%
23	5.202	1249	1253	1254	rBV	159	79	0.02%	0.002%
24	5.247	1262	1267	1270	rBV2	149	128	0.03%	0.003%
25	5.344	1273	1297	1318	rBV3	148855	439529	100.00%	11.261%
26	5.504	1345	1347	1350	rBV	182	90	0.02%	0.002%
27	5.559	1361	1364	1369	rBV	71	68	0.02%	0.002%
28	5.598	1373	1376	1379	rBV	83	58	0.01%	0.001%
29	5.655	1386	1394	1398	rBV	89	115	0.03%	0.003%
30	5.733	1415	1418	1422	rBV	81	48	0.01%	0.001%
31	5.755	1422	1425	1431	rVB	55	55	0.01%	0.001%
32	5.784	1431	1434	1437	rBV	144	63	0.01%	0.002%
33	5.803	1437	1440	1442	rBV2	159	117	0.03%	0.003%
34	5.887	1453	1466	1491	rBV	141523	277533	63.14%	7.111%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0T26

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\SOMULM102218WMA.M
Title : VOC Analysis

35	6.186	1546	1559	1585	rBV	222174	430106	97.86%	11.020%
36	6.334	1591	1605	1624	rBV	102775	202410	46.05%	5.186%
37	6.466	1642	1646	1649	rBV	78	70	0.02%	0.002%
38	6.479	1649	1650	1653	rVV	124	53	0.01%	0.001%
39	6.501	1654	1657	1660	rVB	172	112	0.03%	0.003%
40	6.543	1665	1670	1673	rBV	86	93	0.02%	0.002%
41	6.601	1684	1688	1690	rBV	70	58	0.01%	0.001%
42	6.697	1713	1718	1720	rBV	124	100	0.02%	0.003%
43	6.720	1720	1725	1728	rVV	106	123	0.03%	0.003%
44	6.736	1728	1730	1733	rVB	126	66	0.02%	0.002%
45	6.758	1733	1737	1741	rBV	150	157	0.04%	0.004%
46	6.826	1754	1758	1761	rVB2	293	267	0.06%	0.007%
47	6.842	1761	1763	1764	rBV	169	70	0.02%	0.002%
48	6.861	1764	1769	1785	rVB4	860	1663	0.38%	0.043%
49	6.922	1785	1788	1790	rBV	73	50	0.01%	0.001%
50	6.999	1808	1812	1814	rBV	124	100	0.02%	0.003%
51	7.035	1820	1823	1825	rBV	99	73	0.02%	0.002%
52	7.112	1845	1847	1849	rBV	72	43	0.01%	0.001%
53	7.125	1849	1851	1853	rVV	117	69	0.02%	0.002%
54	7.138	1853	1855	1858	rVB	179	82	0.02%	0.002%
55	7.228	1872	1883	1902	rBV	60602	109346	24.88%	2.802%
56	7.327	1912	1914	1919	rVB	285	152	0.03%	0.004%
57	7.366	1923	1926	1927	rBV	95	48	0.01%	0.001%
58	7.395	1927	1935	1942	rBV3	1366	2037	0.46%	0.052%
59	7.565	1976	1988	2012	rBV	193924	341796	77.76%	8.757%
60	7.781	2050	2055	2056	rBV	280	174	0.04%	0.004%
61	7.852	2065	2077	2093	rBV	42680	71790	16.33%	1.839%
62	7.932	2099	2102	2103	rBV	275	145	0.03%	0.004%
63	8.118	2155	2160	2164	rVB2	147	164	0.04%	0.004%
64	8.183	2167	2180	2184	rBV2	13233	23410	5.33%	0.600%
65	8.311	2213	2220	2247	rVB	151697	258378	58.79%	6.620%
66	8.456	2263	2265	2270	rBV3	321	252	0.06%	0.006%
67	8.581	2297	2304	2306	rBV	148	124	0.03%	0.003%
68	8.597	2306	2309	2311	rBV	107	75	0.02%	0.002%
69	8.671	2327	2332	2334	rBV	69	54	0.01%	0.001%
70	8.688	2334	2337	2338	rBV	91	46	0.01%	0.001%
71	8.829	2380	2381	2383	rVB	130	47	0.01%	0.001%

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Instrument : MSVOA_U
ClientSampleId : C0T26

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\SOMULM102218WMA.M
Title : VOC Analysis

72	8.855	2383	2389	2393	rVB	130	137	0.03%	0.004%
73	8.880	2393	2397	2400	rBV	118	96	0.02%	0.002%
74	8.913	2404	2407	2410	rBV	81	50	0.01%	0.001%
75	9.009	2432	2437	2440	rBV	126	106	0.02%	0.003%
76	9.028	2440	2443	2449	rBV	125	127	0.03%	0.003%
77	9.089	2450	2462	2480	rBV	197283	330407	75.17%	8.465%
78	9.305	2526	2529	2534	rVB2	160	111	0.03%	0.003%
79	9.379	2551	2552	2555	rVB	158	62	0.01%	0.002%
80	9.636	2625	2632	2635	rBV	213	237	0.05%	0.006%
81	9.932	2719	2724	2727	rBV	115	123	0.03%	0.003%
82	10.060	2761	2764	2767	rBV	86	61	0.01%	0.002%
83	10.134	2784	2787	2789	rBV	78	51	0.01%	0.001%
84	10.240	2818	2820	2822	rVB	144	53	0.01%	0.001%
85	10.372	2859	2861	2865	rBV	159	88	0.02%	0.002%
86	10.433	2867	2880	2897	rVV	126091	202127	45.99%	5.179%
87	10.578	2922	2925	2926	rBV	86	53	0.01%	0.001%
88	10.613	2926	2936	2951	rVB3	11951	23619	5.37%	0.605%
89	10.880	3008	3019	3025	rBV3	670	1094	0.25%	0.028%
90	11.318	3152	3155	3160	rBV	145	121	0.03%	0.003%
91	11.482	3196	3206	3226	rBV	188621	294505	67.00%	7.545%
92	11.607	3244	3245	3247	rVB	114	43	0.01%	0.001%
93	11.623	3247	3250	3252	rBV	130	88	0.02%	0.002%
94	11.687	3266	3270	3271	rBV	135	100	0.02%	0.003%
95	11.752	3284	3290	3299	rBV4	1220	1913	0.44%	0.049%
96	11.861	3312	3324	3341	rBV	183262	288158	65.56%	7.383%
97	12.057	3383	3385	3388	rVB	167	53	0.01%	0.001%
98	12.482	3505	3517	3527	rBV	5486	9260	2.11%	0.237%
99	14.195	4047	4050	4052	rBV	292	163	0.04%	0.004%
100	14.276	4067	4075	4086	rVB	9295	14392	3.27%	0.369%

Sum of corrected areas: 3903063

LSC Report - Integrated Chromatogram

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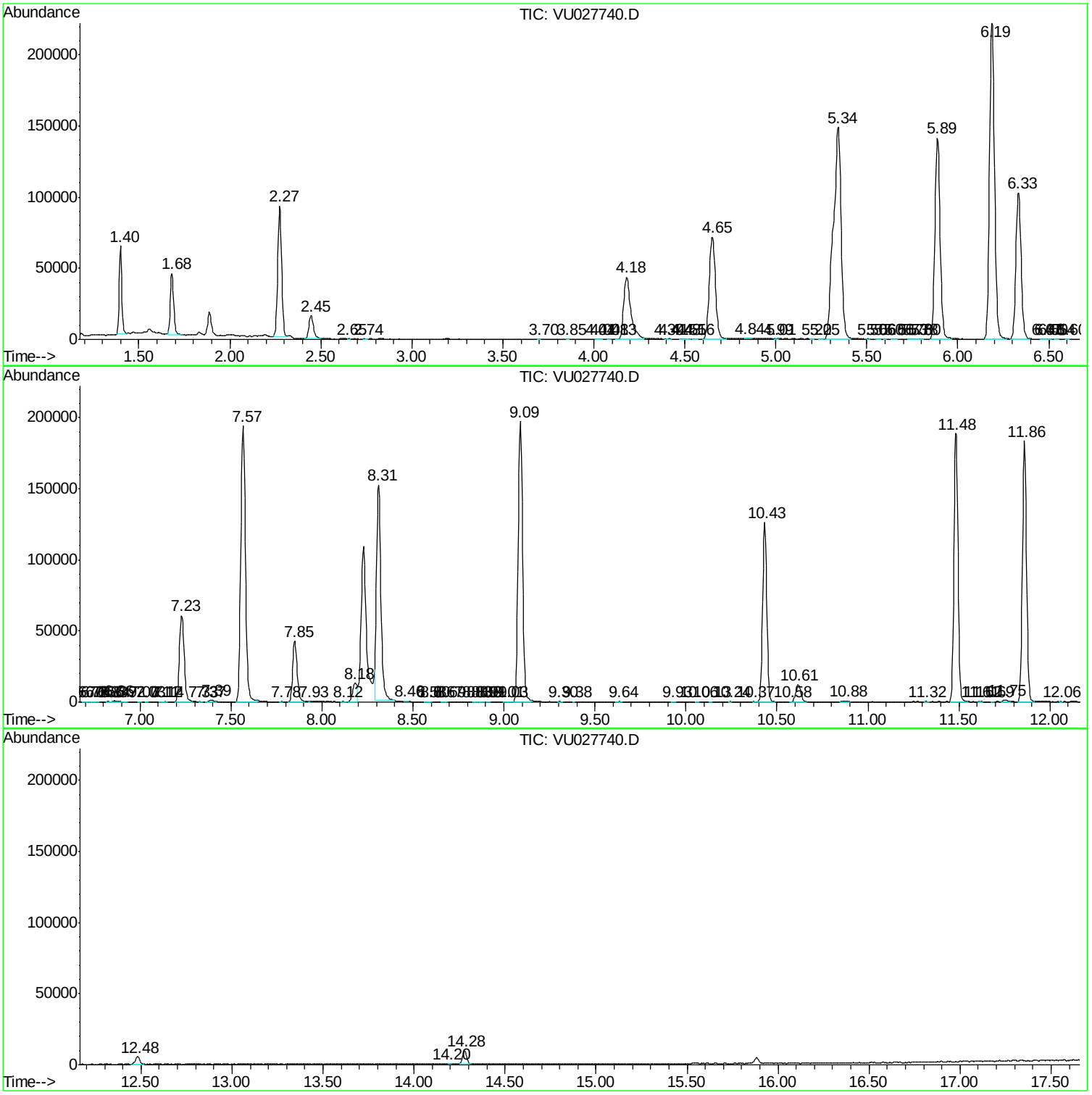
Instrument : MSVOA_U
ClientSampleId : C0T26

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.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\VU102218\
Data File : VU027740.D
Acq On : 22 Oct 2018 14:08
Operator : MD/SY
Sample : J5589-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0T26

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

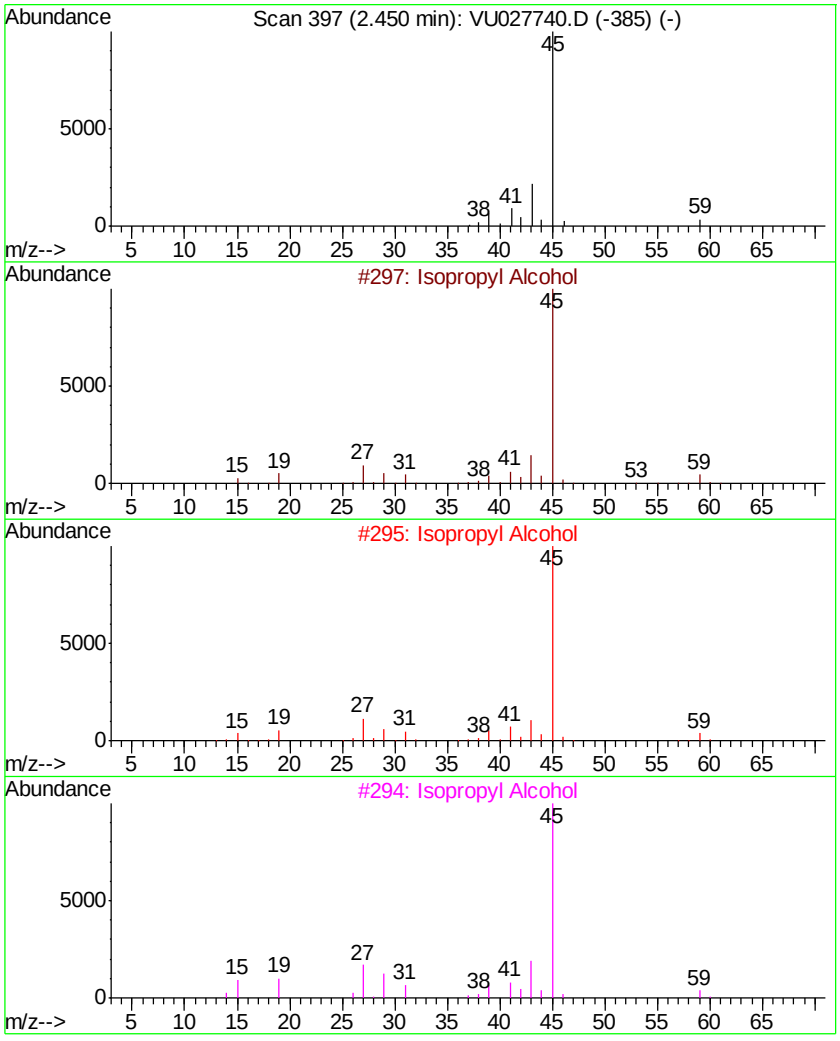
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

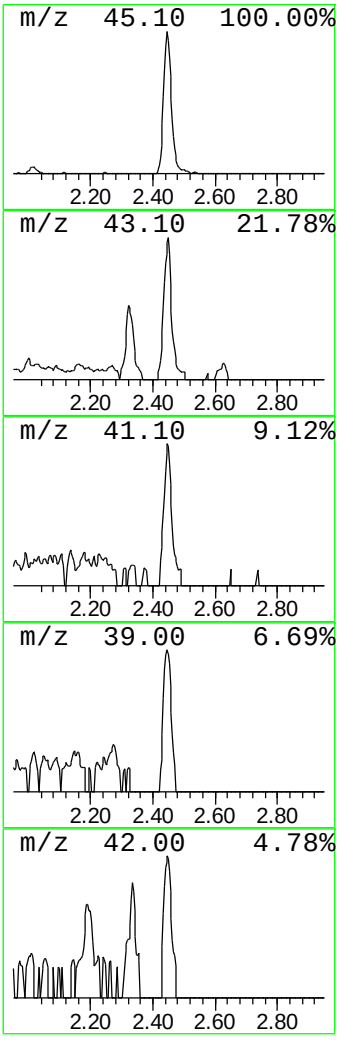
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	5.20 ug/L	28847	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	4-Penten-2-ol	86	C5H10O	000625-31-0	9
5	Formamide	45	CH3NO	000075-12-7	7





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.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	2.45	5.2	ug/L	28847	1	5.89	277533	50.0