LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091619\
Data File : VU034584.D
Acq On : 16 Sep 2019 23:36
Operator : JC/SP
Sample : K4868-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0MN7

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\SOMULM091619WMA.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	1.177	24	27	31	rVB2	3508	2344	0.25%	0.029%
2	1.392	88	94	108	rBV	101771	106425	11.41%	1.336%
3	1.672	174	181	192	rVB	81817	103059	11.05%	1.294%
4	2.257	354	363	378	rVB	182973	285620	30.62%	3.585%
5	2.431	407	417	435	rBV2	18308	34844	3.74%	0.437%
6	2.768	518	522	523	rBV3	748	554	0.06%	0.007%
7	2.820	532	538	552	rVB6	4347	8786	0.94%	0.110%
8	3.206	655	658	663	rBV3	646	569	0.06%	0.007%
9	3.296	682	686	687	rBV3	757	482	0.05%	0.006%
10	3.386	710	714	718	rBV3	730	611	0.07%	0.008%
11	3.453	732	735	739	rVB3	667	488	0.05%	0.006%
12	3.582	772	775	780	rVB4	532	532	0.06%	0.007%
13	3.678	803	805	809	rBV4	677	439	0.05%	0.006%
14	3.887	868	870	874	rBV3	689	444	0.05%	0.006%
15	3.926	878	882	886	rBV3	639	558	0.06%	0.007%
16	4.032	909	915	917	rBV5	509	521	0.06%	0.007%
17	4.154	939	953	989	rBV2	100647	281236	30.15%	3.530%
18	4.366	1017	1019	1021	rBV3	998	567	0.06%	0.007%
19	4.428	1032	1038	1045	rVB6	829	1226	0.13%	0.015%
20	4.473	1049	1052	1057	rVB4	696	446	0.05%	0.006%
21	4.624	1082	1099	1124	rBV	162728	387052	41.50%	4.859%
22	4.862	1164	1173	1177	rBV6	1384	2057	0.22%	0.026%
23	4.881	1177	1179	1186	rVB4	1128	1009	0.11%	0.013%
24	4.971	1203	1207	1216	rVB7	1396	1989	0.21%	0.025%
25	5.087	1239	1243	1245	rBV3	659	469	0.05%	0.006%
26	5.222	1284	1285	1291	rVB4	851	476	0.05%	0.006%
27	5.318	1291	1315	1340	rBV2	311522	932679	100.00%	11.708%
28	5.527	1377	1380	1382	rVB5	1064	535	0.06%	0.007%
29	5.556	1382	1389	1394	rBV7	1049	1263	0.14%	0.016%
30	5.669	1418	1424	1427	rBV4	1072	807	0.09%	0.010%
31	5.765	1452	1454	1460	rBV6	976	1081	0.12%	0.014%
32	5.865	1470	1485	1500	rBV	338275	680691	72.98%	8.545%
33	6.308	1610	1623	1644	rBV	228253	459604	49.28%	5.769%
34	6.659	1730	1732	1737	rVB6	891	609	0.07%	0.008%

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ALS Vial : 32 Sample Multiplier: 1

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
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\SOMULM091619WMA.M
Title : VOC Analysis

35	6.730	1751	1754	1757	rVB4	860	579	0.06%	0.007%
36	6.755	1757	1762	1766	rBV6	844	945	0.10%	0.012%
37	6.781	1768	1770	1776	rBV5	872	741	0.08%	0.009%
38	6.845	1785	1790	1802	rVB8	2120	3837	0.41%	0.048%
39	7.035	1846	1849	1853	rVV4	613	544	0.06%	0.007%
40	7.125	1873	1877	1879	rBV4	791	572	0.06%	0.007%
41	7.206	1890	1902	1926	rBV	129679	243160	26.07%	3.052%
42	7.543	1995	2007	2026	rBV	429335	759667	81.45%	9.536%
43	7.730	2063	2065	2070	rVB4	1124	739	0.08%	0.009%
44	7.829	2084	2096	2115	rBV	89046	164299	17.62%	2.062%
45	8.125	2186	2188	2190	rBV	841	473	0.05%	0.006%
46	8.160	2191	2199	2208	rVB3	4122	7716	0.83%	0.097%
47	8.215	2213	2216	2224	rVB6	743	906	0.10%	0.011%
48	8.289	2227	2239	2277	rBV	318737	615707	66.01%	7.729%
49	8.604	2334	2337	2341	rVB3	1080	748	0.08%	0.009%
50	8.627	2341	2344	2346	rBV4	1159	642	0.07%	0.008%
51	8.778	2387	2391	2393	rBV3	625	517	0.06%	0.006%
52	8.900	2426	2429	2433	rBV4	918	636	0.07%	0.008%
53	8.926	2433	2437	2440	rBV4	900	629	0.07%	0.008%
54	8.990	2452	2457	2461	rBV6	550	703	0.08%	0.009%
55	9.067	2468	2481	2509	rBV	499552	847649	90.88%	10.640%
56	9.260	2538	2541	2546	rVB3	1030	669	0.07%	0.008%
57	9.312	2554	2557	2559	rBV2	799	487	0.05%	0.006%
58	9.498	2610	2615	2616	rBV3	621	482	0.05%	0.006%
59	9.582	2637	2641	2644	rVB3	587	447	0.05%	0.006%
60	9.659	2661	2665	2668	rBV4	574	559	0.06%	0.007%
61	9.791	2702	2706	2711	rVB3	858	657	0.07%	0.008%
62	10.109	2797	2805	2807	rBV6	685	910	0.10%	0.011%
63	10.151	2812	2818	2820	rBV4	889	926	0.10%	0.012%
64	10.212	2834	2837	2841	rVB4	601	438	0.05%	0.005%
65	10.295	2860	2863	2867	rVB3	1008	703	0.08%	0.009%
66	10.328	2867	2873	2876	rBV5	878	850	0.09%	0.011%
67	10.408	2887	2898	2924	rVB	338095	549884	58.96%	6.903%
68	10.594	2945	2956	2969	rBV	2611	4981	0.53%	0.063%
69	10.797	3017	3019	3021	rBV2	756	473	0.05%	0.006%
70	11.099	3110	3113	3115	rBV3	629	440	0.05%	0.006%
71	11.286	3166	3171	3174	rBV3	890	687	0.07%	0.009%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0MN7

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\SOMULM091619WMA.M
Title : VOC Analysis

72	11.379	3195	3200	3203	rBV6	1032	1016	0.11%	0.013%
73	11.459	3214	3225	3252	rBV	434799	732819	78.57%	9.199%
74	11.839	3329	3343	3364	rBV	409586	698401	74.88%	8.767%
75	12.176	3446	3448	3452	rVB5	644	457	0.05%	0.006%
76	12.202	3453	3456	3460	rBV3	699	452	0.05%	0.006%
77	12.353	3499	3503	3506	rBV3	946	798	0.09%	0.010%
78	12.373	3506	3509	3514	rVV4	985	857	0.09%	0.011%
79	12.398	3514	3517	3522	rVB6	599	471	0.05%	0.006%
80	12.565	3565	3569	3573	rBV4	597	475	0.05%	0.006%
81	12.655	3595	3597	3600	rBV3	574	457	0.05%	0.006%
82	12.852	3654	3658	3661	rBV3	679	687	0.07%	0.009%
83	12.877	3663	3666	3669	rBV5	1120	839	0.09%	0.011%
84	12.983	3695	3699	3702	rBV5	684	592	0.06%	0.007%
85	13.257	3781	3784	3788	rBV4	824	700	0.08%	0.009%
86	13.295	3792	3796	3797	rBV3	772	540	0.06%	0.007%
87	13.411	3829	3832	3834	rBV3	698	486	0.05%	0.006%
88	13.533	3865	3870	3874	rBV5	1117	1410	0.15%	0.018%
89	13.649	3903	3906	3909	rVB2	922	555	0.06%	0.007%
90	13.929	3989	3993	3997	rBV4	984	893	0.10%	0.011%
91	14.106	4042	4048	4050	rVV3	824	863	0.09%	0.011%
92	14.157	4060	4064	4067	rBV3	648	629	0.07%	0.008%
93	14.324	4112	4116	4118	rBV3	908	746	0.08%	0.009%
94	14.356	4124	4126	4129	rVB3	1307	636	0.07%	0.008%
95	14.491	4164	4168	4170	rBV4	1137	948	0.10%	0.012%
96	14.662	4217	4221	4225	rBV5	836	972	0.10%	0.012%
97	14.713	4234	4237	4240	rBV4	866	670	0.07%	0.008%
98	14.909	4292	4298	4302	rBV7	1194	1386	0.15%	0.017%
99	14.954	4308	4312	4315	rBV4	811	670	0.07%	0.008%
100	15.125	4361	4365	4368	rBV6	910	857	0.09%	0.011%

Sum of corrected areas: 7966356

LSC Report - Integrated Chromatogram

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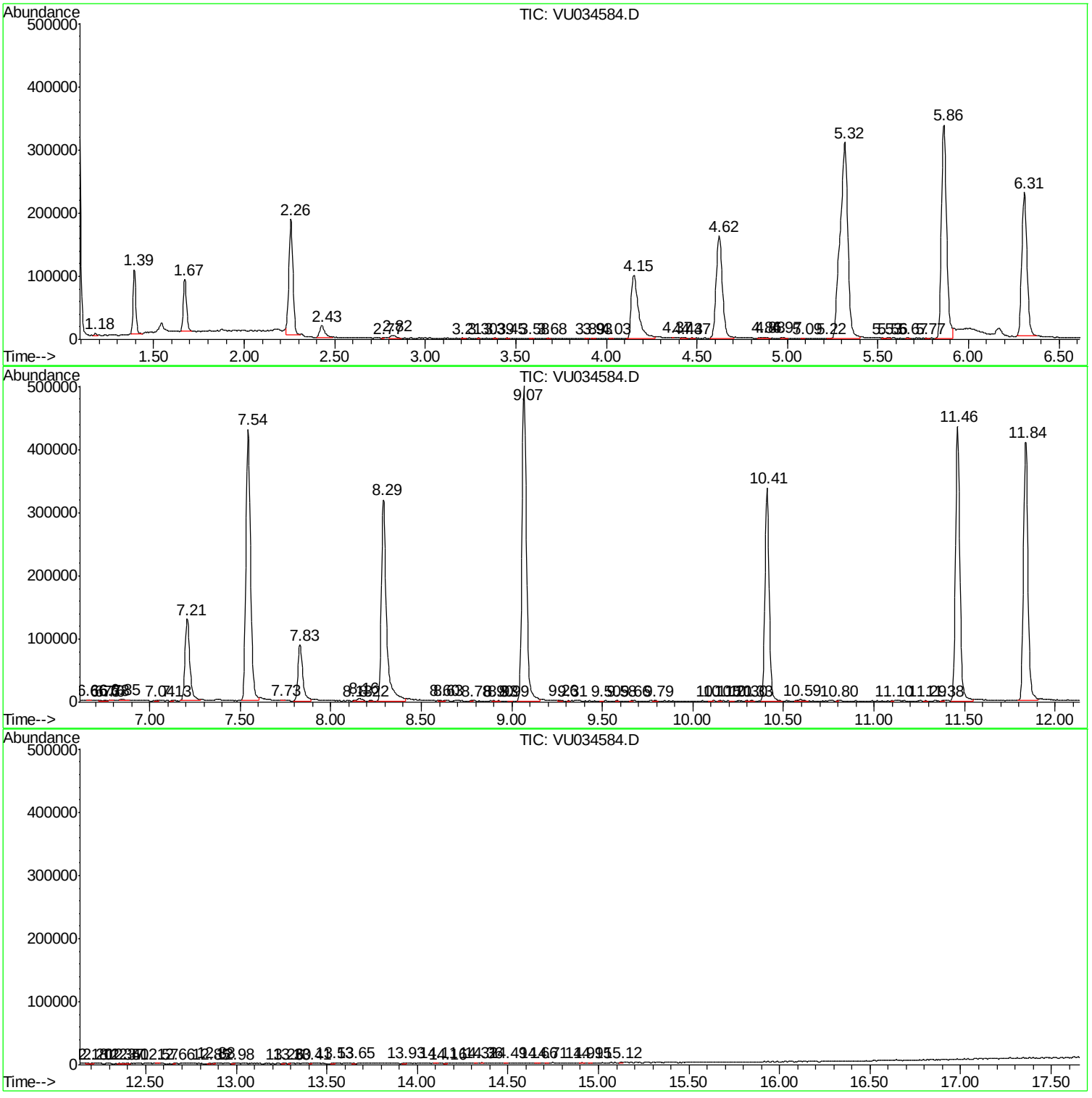
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0MN7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.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\VU091619\
Data File : VU034584.D
Acq On : 16 Sep 2019 23:36
Operator : JC/SP
Sample : K4868-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0MN7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis

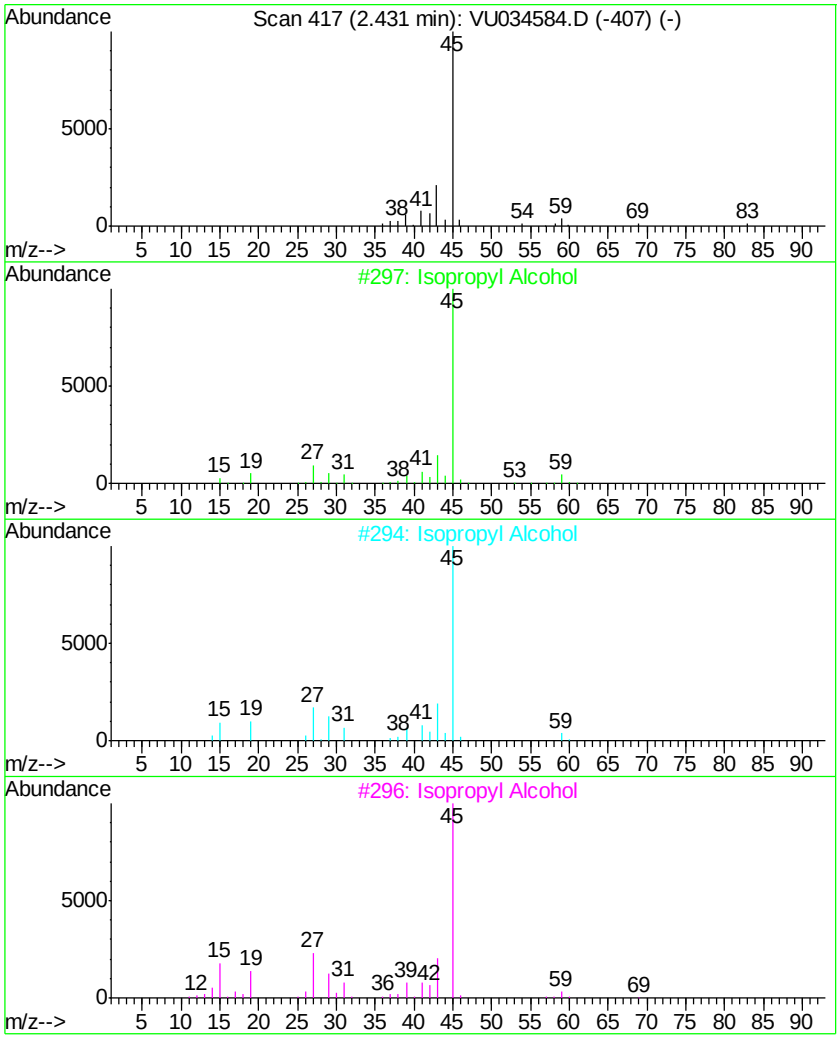
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

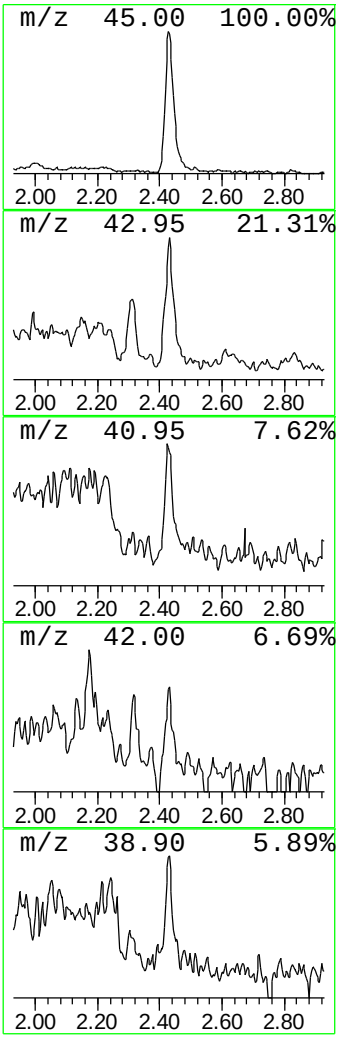
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	2.56 ug/L	34844	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	80
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	39
5	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	9





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	2.43	2.6	ug/L	34844	1	5.86	680691	50.0