LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
Data File : VU031102.D
Acq On : 12 Apr 2019 04:26
Operator : JC/SP
Sample : K2299-31
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 94 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB713

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\SOMULM040519WMA.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	1.180	22	28	38	rBV3	27220	28017	1.47%	0.159%
2	1.395	87	95	110	rBV2	371005	415970	21.79%	2.362%
3	1.469	113	118	128	rVB	33810	39874	2.09%	0.226%
4	1.675	175	182	200	rVB	203634	267690	14.02%	1.520%
5	2.267	356	366	376	rBV	400066	606686	31.78%	3.445%
6	2.315	376	381	399	rVB	49663	80892	4.24%	0.459%
7	2.437	409	419	443	rBV2	86095	163334	8.56%	0.928%
8	2.698	490	500	509	rBV5	5144	9609	0.50%	0.055%
9	2.826	527	540	553	rBV	11495	26680	1.40%	0.152%
10	2.977	578	587	599	rVV4	10721	21293	1.12%	0.121%
11	3.087	618	621	628	rVB3	756	565	0.03%	0.003%
12	3.122	628	632	635	rVB2	1027	756	0.04%	0.004%
13	3.180	640	650	651	rBV5	2167	3188	0.17%	0.018%
14	3.347	696	702	708	rVB4	788	884	0.05%	0.005%
15	3.482	737	744	750	rBV3	733	903	0.05%	0.005%
16	3.563	764	769	773	rVB3	833	786	0.04%	0.004%
17	3.813	843	847	849	rBV3	1024	754	0.04%	0.004%
18	4.016	898	910	915	rBV7	1679	3194	0.17%	0.018%
19	4.173	945	959	960	rBV	226861	330066	17.29%	1.874%
20	4.643	1087	1105	1133	rBV2	326839	855759	44.83%	4.860%
21	4.871	1173	1176	1178	rBV3	1151	692	0.04%	0.004%
22	5.103	1244	1248	1253	rBV3	657	845	0.04%	0.005%
23	5.148	1259	1262	1265	rBV3	808	557	0.03%	0.003%
24	5.334	1296	1320	1351	rBV2	629306	1908966	100.00%	10.840%
25	5.608	1402	1405	1408	rVB5	1598	1004	0.05%	0.006%
26	5.662	1419	1422	1427	rVV4	1009	914	0.05%	0.005%
27	5.755	1447	1451	1453	rBV	1097	747	0.04%	0.004%
28	5.794	1460	1463	1468	rBV6	1409	1233	0.06%	0.007%
29	5.817	1468	1470	1475	rVB3	1065	754	0.04%	0.004%
30	5.881	1477	1490	1509	rBV	632487	1257424	65.87%	7.140%
31	6.180	1569	1583	1614	rBV	673009	1326969	69.51%	7.535%
32	6.325	1615	1628	1652	rVB	435367	877206	45.95%	4.981%
33	6.543	1688	1696	1708	rBV2	9404	18986	0.99%	0.108%
34	6.620	1717	1720	1726	rVB6	726	730	0.04%	0.004%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 94 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB713

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\SOMULM040519WMA.M
Title : VOC Analysis

35	6.755	1750	1762	1772	rBV	22020	39809	2.09%	0.226%
36	6.829	1781	1785	1789	rVB4	834	622	0.03%	0.004%
37	6.878	1793	1800	1804	rBV4	1572	1931	0.10%	0.011%
38	6.961	1824	1826	1831	rVB2	1248	841	0.04%	0.005%
39	6.990	1831	1835	1838	rBV3	835	798	0.04%	0.005%
40	7.038	1848	1850	1856	rVB5	1014	885	0.05%	0.005%
41	7.122	1872	1876	1879	rBV2	797	583	0.03%	0.003%
42	7.225	1896	1908	1932	rBV	223177	410666	21.51%	2.332%
43	7.373	1951	1954	1955	rBV2	1490	789	0.04%	0.004%
44	7.562	2000	2013	2054	rBV	770452	1419931	74.38%	8.063%
45	7.849	2091	2102	2127	rBV	151666	290033	15.19%	1.647%
46	8.083	2170	2175	2177	rBV3	749	740	0.04%	0.004%
47	8.125	2186	2188	2191	rVB2	1012	565	0.03%	0.003%
48	8.151	2191	2196	2200	rBV3	1155	1349	0.07%	0.008%
49	8.173	2200	2203	2205	rBV2	1827	1405	0.07%	0.008%
50	8.225	2207	2219	2234	rVV2	204380	358357	18.77%	2.035%
51	8.308	2234	2245	2281	rVV	585168	1174522	61.53%	6.670%
52	8.463	2284	2293	2316	rVB4	112097	213222	11.17%	1.211%
53	8.826	2401	2406	2409	rBV3	820	870	0.05%	0.005%
54	8.974	2448	2452	2455	rBV4	1081	863	0.05%	0.005%
55	9.086	2474	2487	2510	rBV	939946	1595257	83.57%	9.059%
56	9.395	2580	2583	2592	rVB7	1328	1313	0.07%	0.007%
57	9.527	2619	2624	2627	rBV3	885	635	0.03%	0.004%
58	9.578	2637	2640	2644	rBV2	588	630	0.03%	0.004%
59	9.701	2674	2678	2681	rBV2	1492	1216	0.06%	0.007%
60	9.816	2711	2714	2718	rVB3	1135	791	0.04%	0.004%
61	9.858	2723	2727	2732	rVB4	1211	1066	0.06%	0.006%
62	9.942	2750	2753	2755	rBV3	1623	1160	0.06%	0.007%
63	9.996	2767	2770	2773	rBV5	735	550	0.03%	0.003%
64	10.035	2773	2782	2793	rBV7	13926	25978	1.36%	0.148%
65	10.164	2816	2822	2827	rBV5	992	1356	0.07%	0.008%
66	10.228	2839	2842	2844	rBV3	1046	749	0.04%	0.004%
67	10.328	2871	2873	2877	rVB3	983	638	0.03%	0.004%
68	10.427	2890	2904	2924	rBV	613689	1010748	52.95%	5.740%
69	10.598	2953	2957	2958	rBV3	1088	809	0.04%	0.005%
70	10.646	2969	2972	2977	rVB5	1142	1173	0.06%	0.007%
71	10.726	2995	2997	3000	rBV3	892	568	0.03%	0.003%

LSC Area Percent Report

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Sample : K2299-31
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 94 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB713

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\SOMULM040519WMA.M
Title : VOC Analysis

72	10.752	3004	3005	3009	rVB2	1043	613	0.03%	0.003%
73	10.813	3019	3024	3025	rBV	998	780	0.04%	0.004%
74	10.890	3046	3048	3054	rVB2	990	781	0.04%	0.004%
75	10.919	3054	3057	3061	rBV2	822	668	0.03%	0.004%
76	10.964	3064	3071	3073	rBV5	1661	2053	0.11%	0.012%
77	11.019	3084	3088	3093	rBV5	1061	1303	0.07%	0.007%
78	11.096	3110	3112	3120	rVV6	2128	1782	0.09%	0.010%
79	11.138	3120	3125	3133	rVB7	1099	1438	0.08%	0.008%
80	11.373	3189	3198	3209	rBV4	21411	38080	1.99%	0.216%
81	11.479	3219	3231	3257	rBV	867186	1414025	74.07%	8.030%
82	11.781	3319	3325	3328	rBV7	2808	2756	0.14%	0.016%
83	11.855	3335	3348	3367	rBV	777968	1294481	67.81%	7.351%
84	12.131	3431	3434	3436	rBV3	1060	699	0.04%	0.004%
85	12.286	3479	3482	3483	rBV3	1240	657	0.03%	0.004%
86	12.475	3538	3541	3542	rBV3	1081	652	0.03%	0.004%
87	12.572	3564	3571	3579	rBV10	11263	20726	1.09%	0.118%
88	13.035	3712	3715	3718	rBV3	1069	790	0.04%	0.004%
89	13.173	3755	3758	3760	rBV3	1205	775	0.04%	0.004%
90	13.308	3797	3800	3803	rBV3	1199	873	0.05%	0.005%
91	13.614	3893	3895	3901	rBV4	1094	1106	0.06%	0.006%
92	13.662	3907	3910	3912	rVB2	1079	653	0.03%	0.004%
93	13.794	3949	3951	3957	rVB5	1253	1001	0.05%	0.006%
94	14.080	4037	4040	4043	rBV3	1378	1041	0.05%	0.006%
95	14.208	4076	4080	4082	rBV2	1111	972	0.05%	0.006%
96	14.311	4110	4112	4115	rBV2	891	651	0.03%	0.004%
97	14.414	4140	4144	4147	rBV2	1561	919	0.05%	0.005%
98	14.514	4172	4175	4177	rBV2	1018	759	0.04%	0.004%
99	15.118	4361	4363	4367	rBV3	1058	671	0.04%	0.004%
100	15.253	4402	4405	4408	rBV4	1186	865	0.05%	0.005%

Sum of corrected areas: 17609915

LSC Report - Integrated Chromatogram

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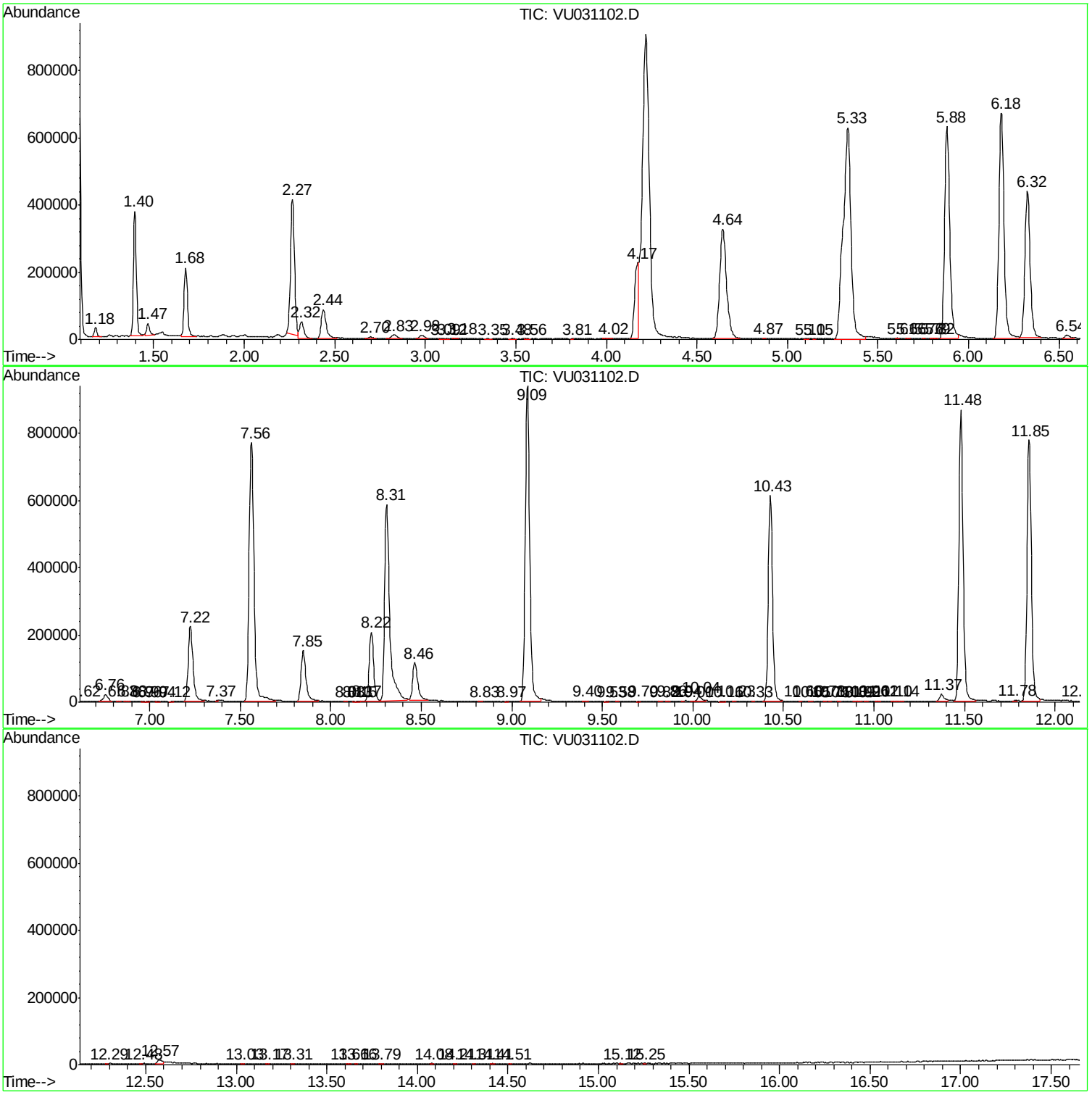
ALS Vial : 94 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB713

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.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\VU041119\
Data File : VU031102.D
Acq On : 12 Apr 2019 04:26
Operator : JC/SP
Sample : K2299-31
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 94 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB713

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

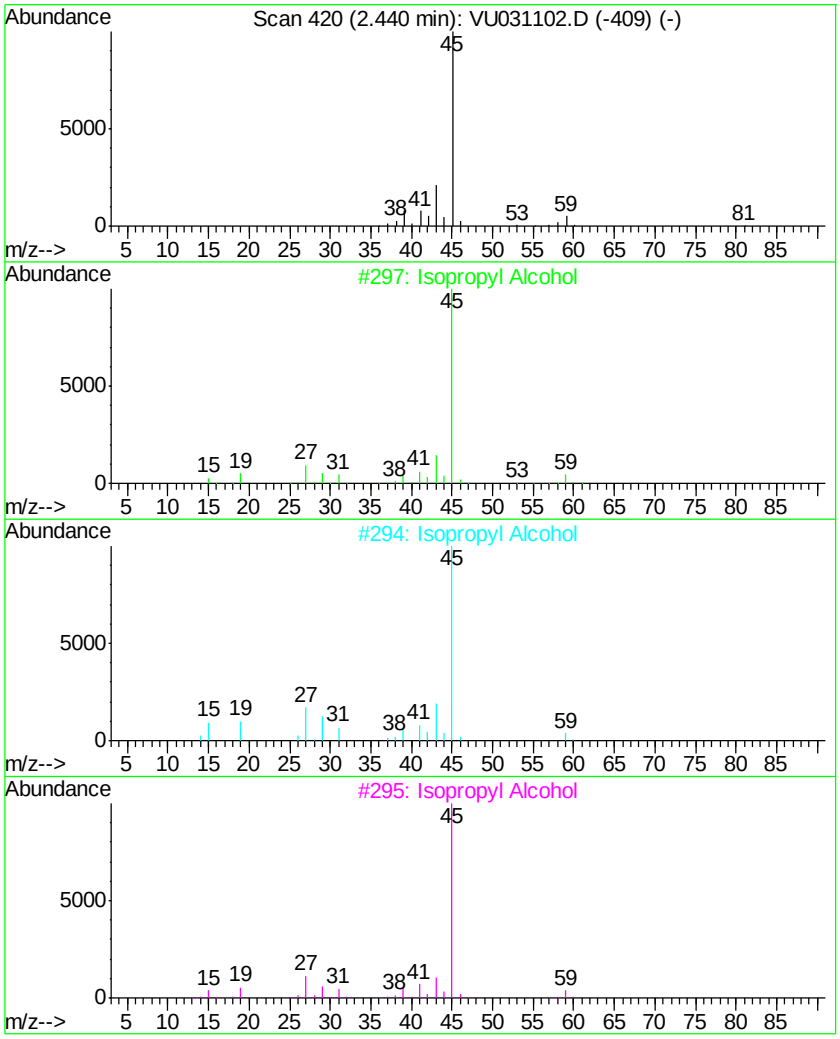
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

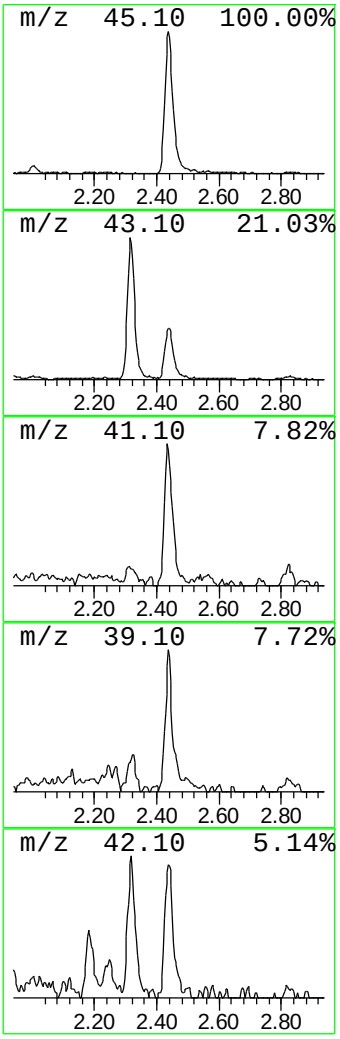
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	6.49 ug/L	163334	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	83
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	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	2.44	6.5	ug/L	163334	1	5.88	1257420	50.0