LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041219\
Data File : VU031140.D
Acq On : 12 Apr 2019 19:45
Operator : JC/SP
Sample : K2409-10
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC76

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	23	28	35	rVB2	20559	19324	1.02%	0.130%
2	1.392	87	94	107	rBV	306014	325846	17.16%	2.196%
3	1.675	174	182	197	rVB	221295	284037	14.96%	1.914%
4	2.264	355	365	378	rVB	481570	711411	37.48%	4.794%
5	2.444	409	421	437	rBV	34488	66265	3.49%	0.447%
6	2.569	457	460	463	rBV3	669	527	0.03%	0.004%
7	2.656	483	487	492	rVB4	604	651	0.03%	0.004%
8	2.746	511	515	518	rBV3	1078	679	0.04%	0.005%
9	2.833	525	542	551	rBV3	6000	12846	0.68%	0.087%
10	2.868	551	553	557	rVB3	977	535	0.03%	0.004%
11	2.961	579	582	586	rVB3	890	697	0.04%	0.005%
12	3.013	595	598	601	rVB3	823	605	0.03%	0.004%
13	3.045	605	608	612	rBV2	915	645	0.03%	0.004%
14	3.170	643	647	650	rBV2	754	663	0.03%	0.004%
15	3.322	691	694	697	rVV2	790	576	0.03%	0.004%
16	3.373	708	710	717	rVB2	1114	827	0.04%	0.006%
17	3.408	717	721	723	rBV2	725	541	0.03%	0.004%
18	3.704	812	813	818	rVB2	881	529	0.03%	0.004%
19	3.730	818	821	823	rBV2	777	623	0.03%	0.004%
20	3.772	831	834	838	rVB2	748	555	0.03%	0.004%
21	3.807	838	845	848	rBV2	811	579	0.03%	0.004%
22	3.875	860	866	868	rBV2	1097	1267	0.07%	0.009%
23	4.019	906	911	914	rBV	705	611	0.03%	0.004%
24	4.080	927	930	933	rBV3	732	583	0.03%	0.004%
25	4.174	946	959	991	rBV	188365	529344	27.88%	3.567%
26	4.643	1088	1105	1139	rVB2	308333	748029	39.40%	5.041%
27	4.868	1170	1175	1176	rBV4	999	717	0.04%	0.005%
28	5.042	1226	1229	1232	rBV4	912	700	0.04%	0.005%
29	5.113	1249	1251	1255	rVB3	744	531	0.03%	0.004%
30	5.177	1266	1271	1273	rVV3	800	693	0.04%	0.005%
31	5.193	1274	1276	1279	rVB2	976	576	0.03%	0.004%
32	5.334	1296	1320	1346	rBV2	638610	1898321	100.00%	12.793%
33	5.743	1445	1447	1450	rVB2	969	639	0.03%	0.004%
34	5.759	1450	1452	1458	rBV2	992	716	0.04%	0.005%

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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC76

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

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Peak separation: 5

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

35	5.797	1461	1464	1465	rBV3	1029	641	0.03%	0.004%
36	5.810	1465	1468	1471	rVB3	1078	742	0.04%	0.005%
37	5.881	1477	1490	1516	rBV	599935	1201539	63.29%	8.097%
38	6.186	1576	1585	1594	rVB6	4240	7461	0.39%	0.050%
39	6.260	1606	1608	1613	rBV5	886	766	0.04%	0.005%
40	6.325	1614	1628	1649	rBV	416353	842156	44.36%	5.675%
41	6.514	1683	1687	1690	rBV3	1106	972	0.05%	0.007%
42	6.569	1700	1704	1706	rVV2	1016	803	0.04%	0.005%
43	6.585	1706	1709	1713	rVV3	1545	1141	0.06%	0.008%
44	6.624	1718	1721	1727	rVV4	1080	957	0.05%	0.006%
45	6.730	1751	1754	1759	rVB2	689	550	0.03%	0.004%
46	6.772	1764	1767	1770	rBV	858	666	0.04%	0.004%
47	6.993	1830	1836	1838	rBV4	555	522	0.03%	0.004%
48	7.225	1894	1908	1924	rBV2	219045	405644	21.37%	2.734%
49	7.421	1966	1969	1973	rBV3	696	541	0.03%	0.004%
50	7.463	1978	1982	1987	rVB4	827	879	0.05%	0.006%
51	7.563	1999	2013	2032	rBV	793849	1420912	74.85%	9.576%
52	7.849	2091	2102	2125	rBV	151362	280073	14.75%	1.887%
53	8.000	2146	2149	2152	rVB4	1416	763	0.04%	0.005%
54	8.170	2196	2202	2211	rVV3	2524	4365	0.23%	0.029%
55	8.228	2216	2220	2227	rVB5	1901	2227	0.12%	0.015%
56	8.309	2234	2245	2284	rBV2	536698	1095167	57.69%	7.380%
57	8.646	2347	2350	2355	rVB7	848	541	0.03%	0.004%
58	8.698	2364	2366	2371	rVB4	1197	691	0.04%	0.005%
59	8.752	2381	2383	2388	rVB4	646	544	0.03%	0.004%
60	8.923	2431	2436	2439	rBV3	760	700	0.04%	0.005%
61	8.955	2443	2446	2450	rBV2	812	793	0.04%	0.005%
62	8.990	2454	2457	2461	rVB2	1295	868	0.05%	0.006%
63	9.087	2473	2487	2509	rBV	903896	1515576	79.84%	10.214%
64	9.386	2575	2580	2582	rBV3	966	739	0.04%	0.005%
65	9.411	2586	2588	2592	rVB	917	536	0.03%	0.004%
66	9.431	2592	2594	2597	rBV2	1007	817	0.04%	0.006%
67	9.572	2637	2638	2643	rVB2	757	558	0.03%	0.004%
68	9.614	2643	2651	2657	rBV4	949	1366	0.07%	0.009%
69	9.643	2657	2660	2663	rVV2	819	661	0.03%	0.004%
70	9.704	2676	2679	2682	rVV2	699	560	0.03%	0.004%
71	9.817	2710	2714	2717	rBV3	844	686	0.04%	0.005%

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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC76

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	9.923	2742	2747	2751	rVV3	546	637	0.03%	0.004%
73	10.190	2826	2830	2834	rBV2	932	903	0.05%	0.006%
74	10.315	2866	2869	2876	rVB2	622	878	0.05%	0.006%
75	10.363	2879	2884	2886	rBV2	598	606	0.03%	0.004%
76	10.427	2892	2904	2928	rBV	554529	921783	48.56%	6.212%
77	10.945	3061	3065	3068	rVB2	861	629	0.03%	0.004%
78	11.016	3084	3087	3090	rVB3	858	535	0.03%	0.004%
79	11.087	3105	3109	3113	rBV3	972	1104	0.06%	0.007%
80	11.189	3136	3141	3146	rBV2	1566	1615	0.09%	0.011%
81	11.386	3199	3202	3205	rBV2	809	530	0.03%	0.004%
82	11.482	3220	3232	3259	rBV	780935	1284247	67.65%	8.655%
83	11.755	3315	3317	3322	rVB5	1689	1084	0.06%	0.007%
84	11.858	3336	3349	3369	rBV	725632	1202606	63.35%	8.105%
85	12.157	3440	3442	3445	rBV3	1068	666	0.04%	0.004%
86	12.215	3457	3460	3462	rBV3	1276	869	0.05%	0.006%
87	12.270	3474	3477	3480	rVB3	1390	803	0.04%	0.005%
88	12.382	3509	3512	3516	rBV3	743	734	0.04%	0.005%
89	12.514	3549	3553	3559	rVB4	1060	1087	0.06%	0.007%
90	12.723	3614	3618	3622	rVB5	1123	1052	0.06%	0.007%
91	13.080	3726	3729	3733	rVB2	1009	740	0.04%	0.005%
92	13.344	3809	3811	3818	rVB2	1322	1318	0.07%	0.009%
93	13.376	3818	3821	3824	rBV	780	708	0.04%	0.005%
94	14.090	4041	4043	4047	rBV2	826	619	0.03%	0.004%
95	14.189	4070	4074	4076	rBV3	1418	1279	0.07%	0.009%
96	14.353	4122	4125	4129	rBV3	1031	873	0.05%	0.006%
97	14.495	4166	4169	4175	rVB4	1454	1267	0.07%	0.009%
98	14.594	4197	4200	4202	rBV3	1501	856	0.05%	0.006%
99	15.083	4350	4352	4355	rBV3	1217	825	0.04%	0.006%
100	16.041	4648	4650	4652	rBV2	1843	1033	0.05%	0.007%

Sum of corrected areas: 14838697

LSC Report - Integrated Chromatogram

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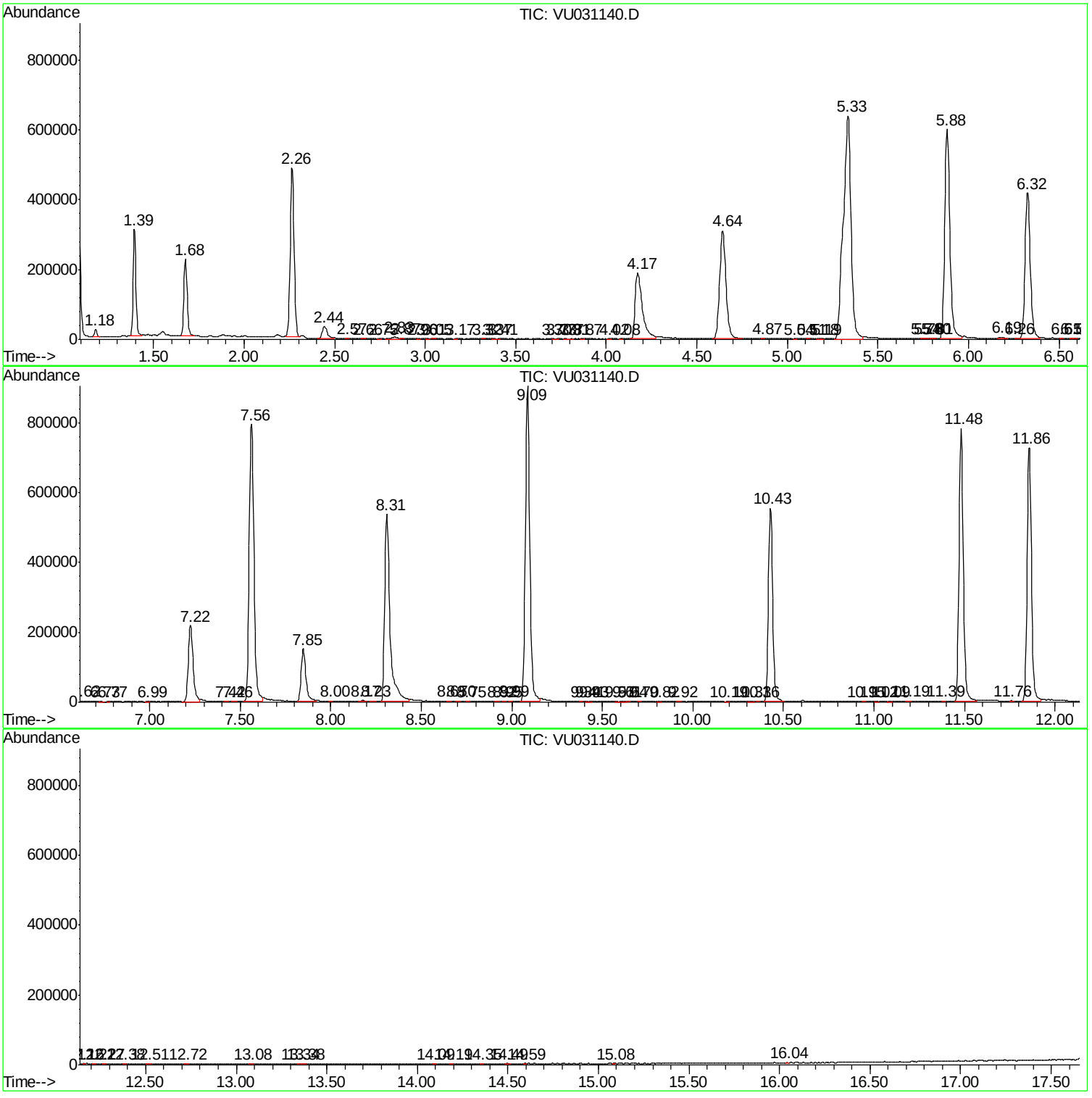
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC76

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\VU041219\
Data File : VU031140.D
Acq On : 12 Apr 2019 19:45
Operator : JC/SP
Sample : K2409-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC76

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

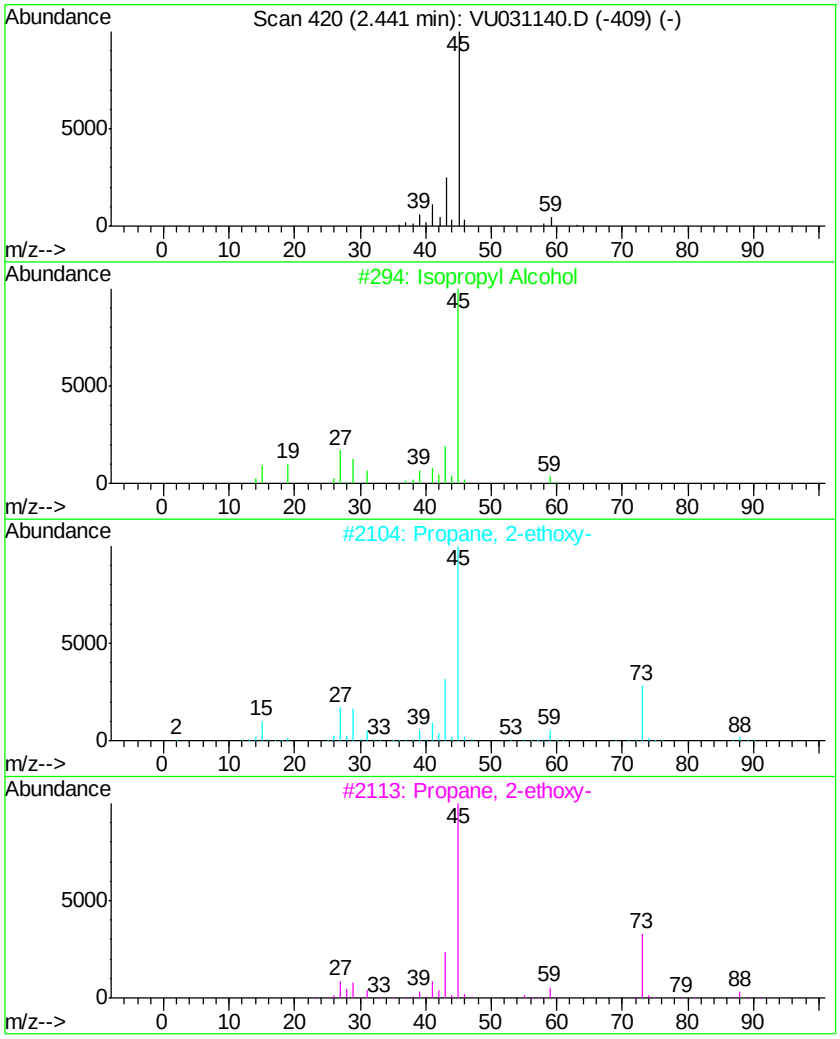
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

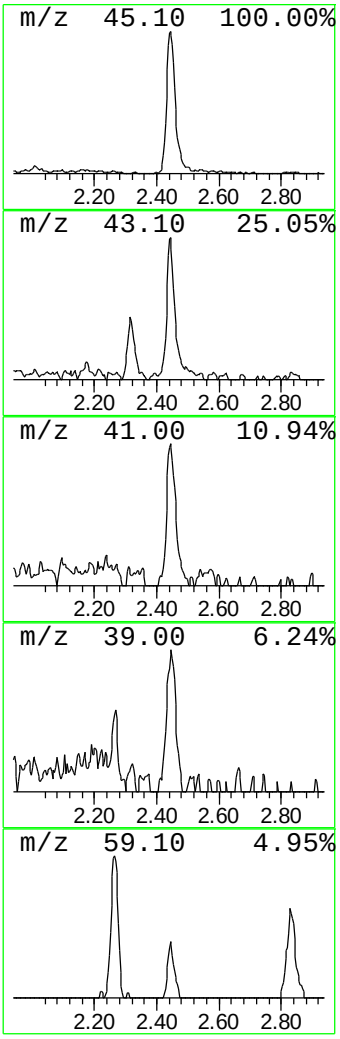
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	2.76 ug/L	66265	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
3	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	43
5	Hydrazine, propyl-	74	C3H10N2	005039-61-2	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	2.8	ug/L	66265	1	5.88	1201540	50.0