LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081318\
Data File : VU026075.D
Acq On : 13 Aug 2018 18:15
Operator : MD/SY
Sample : J4401-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4ZE2

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\SOMULM080918WMA.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	0.799	60	65	68	rVB3	429	462	0.01%	0.002%
2	1.088	138	155	170	rBV	153780	185979	2.67%	0.780%
3	1.294	215	219	224	rVB	3770	3374	0.05%	0.014%
4	1.400	245	252	264	rBV	126261	128826	1.85%	0.540%
5	1.474	270	275	282	rVB	6662	7659	0.11%	0.032%
6	1.680	330	339	352	rVB	93968	123390	1.77%	0.517%
7	2.011	435	442	451	rVB2	5746	7782	0.11%	0.033%
8	2.272	513	523	531	rBV	228387	341480	4.90%	1.432%
9	2.320	532	538	558	rVB	98177	153256	2.20%	0.643%
10	2.442	565	576	593	rBV	43182	74269	1.07%	0.311%
11	2.699	651	656	657	rBV	976	714	0.01%	0.003%
12	2.815	687	692	693	rBV	558	401	0.01%	0.002%
13	2.915	717	723	729	rBV2	474	577	0.01%	0.002%
14	2.992	744	747	751	rBV3	629	561	0.01%	0.002%
15	3.445	883	888	895	rBV3	413	651	0.01%	0.003%
16	3.622	940	943	948	rVB2	529	424	0.01%	0.002%
17	3.995	1051	1059	1072	rBV5	1316	2349	0.03%	0.010%
18	4.178	1100	1116	1132	rBV	86780	224973	3.23%	0.943%
19	4.265	1134	1143	1163	rVB	36419	86955	1.25%	0.365%
20	4.545	1226	1230	1232	rBV3	509	415	0.01%	0.002%
21	4.648	1244	1262	1289	rBV3	262263	657692	9.44%	2.757%
22	4.876	1327	1333	1334	rBV3	742	589	0.01%	0.002%
23	4.886	1334	1336	1347	rVB4	1130	1529	0.02%	0.006%
24	4.950	1350	1356	1358	rBV2	789	781	0.01%	0.003%
25	4.995	1367	1370	1375	rVB3	625	588	0.01%	0.002%
26	5.191	1427	1431	1435	rBV2	370	374	0.01%	0.002%
27	5.342	1453	1478	1507	rBV2	354918	1088374	15.62%	4.563%
28	5.587	1543	1554	1555	rBV4	1243	1377	0.02%	0.006%
29	5.757	1601	1607	1609	rBV3	594	557	0.01%	0.002%
30	5.792	1610	1618	1623	rBV2	1236	1671	0.02%	0.007%
31	5.815	1623	1625	1631	rVB5	709	645	0.01%	0.003%
32	5.889	1631	1648	1665	rBV	325226	642157	9.22%	2.692%
33	6.188	1737	1741	1744	rVV5	1046	910	0.01%	0.004%
34	6.333	1772	1786	1806	rBV	243178	483433	6.94%	2.027%

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ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4ZE2

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\SOMULM080918WMA.M
Title : VOC Analysis

35	6.407	1806	1809	1810	rBV2	855	585	0.01%	0.002%
36	6.535	1840	1849	1852	rBV4	1688	2520	0.04%	0.011%
37	6.683	1891	1895	1899	rVB	423	397	0.01%	0.002%
38	6.728	1906	1909	1915	rBV3	496	553	0.01%	0.002%
39	6.796	1926	1930	1933	rBV3	512	455	0.01%	0.002%
40	6.821	1933	1938	1940	rBV3	1164	1123	0.02%	0.005%
41	7.017	1996	1999	2004	rBV2	569	392	0.01%	0.002%
42	7.156	2036	2042	2046	rBB3	481	466	0.01%	0.002%
43	7.230	2052	2065	2082	rBV	140662	249037	3.57%	1.044%
44	7.384	2108	2113	2117	rVB4	448	418	0.01%	0.002%
45	7.416	2120	2123	2130	rVB3	401	370	0.01%	0.002%
46	7.471	2130	2140	2150	rBV4	2929	5240	0.08%	0.022%
47	7.567	2156	2170	2183	rBV	481000	838597	12.04%	3.516%
48	7.641	2184	2193	2209	rVB	73536	130484	1.87%	0.547%
49	7.850	2245	2258	2277	rBV	99737	175152	2.51%	0.734%
50	8.185	2349	2362	2371	rBV2	54929	121349	1.74%	0.509%
51	8.313	2392	2402	2432	rVB	289955	506252	7.27%	2.122%
52	8.468	2439	2450	2462	rVB2	20237	34241	0.49%	0.144%
53	8.818	2553	2559	2564	rBV3	359	512	0.01%	0.002%
54	8.911	2583	2588	2591	rBV3	465	462	0.01%	0.002%
55	9.120	2629	2653	2688	rBV2	3790857	6967677	100.00%	29.212%
56	9.255	2690	2695	2705	rVV2	7712	10271	0.15%	0.043%
57	9.339	2717	2721	2725	rBV3	534	394	0.01%	0.002%
58	9.377	2725	2733	2741	rVV5	3196	5199	0.07%	0.022%
59	9.500	2768	2771	2774	rBV2	455	374	0.01%	0.002%
60	9.574	2792	2794	2798	rVB3	513	397	0.01%	0.002%
61	9.615	2803	2807	2811	rBV2	517	406	0.01%	0.002%
62	9.779	2847	2858	2860	rBV3	1886	2058	0.03%	0.009%
63	9.815	2867	2869	2876	rVB3	550	497	0.01%	0.002%
64	9.869	2882	2886	2892	rVB2	359	449	0.01%	0.002%
65	9.924	2892	2903	2912	rBV3	3910	6714	0.10%	0.028%
66	9.988	2921	2923	2928	rVB2	528	375	0.01%	0.002%
67	10.030	2928	2936	2946	rBV5	4533	6605	0.09%	0.028%
68	10.172	2973	2980	2986	rBV4	1084	1462	0.02%	0.006%
69	10.233	2991	2999	3009	rVV4	5314	8827	0.13%	0.037%
70	10.307	3018	3022	3027	rBV4	931	1008	0.01%	0.004%
71	10.435	3049	3062	3081	rVV	347040	555567	7.97%	2.329%

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Sample : J4401-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4ZE2

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\SOMULM080918WMA.M
Title : VOC Analysis

72	10.554	3096	3099	3105	rVB2	434	472	0.01%	0.002%
73	10.612	3105	3117	3132	rVB3	17289	31529	0.45%	0.132%
74	10.680	3134	3138	3147	rBV4	500	638	0.01%	0.003%
75	10.760	3159	3163	3168	rBV3	453	417	0.01%	0.002%
76	10.805	3173	3177	3180	rVV	664	580	0.01%	0.002%
77	10.840	3184	3188	3195	rVB2	451	446	0.01%	0.002%
78	10.950	3219	3222	3227	rVB2	423	413	0.01%	0.002%
79	11.082	3260	3263	3265	rVB3	593	369	0.01%	0.002%
80	11.136	3275	3280	3282	rBV3	1829	1738	0.02%	0.007%
81	11.262	3311	3319	3328	rVB4	3054	5035	0.07%	0.021%
82	11.377	3348	3355	3357	rVV5	2323	2705	0.04%	0.011%
83	11.419	3357	3368	3378	rVV	235451	364561	5.23%	1.528%
84	11.509	3378	3396	3420	rVB2	1859719	3574248	51.30%	14.985%
85	11.667	3440	3445	3450	rBV3	581	769	0.01%	0.003%
86	11.757	3465	3473	3489	rVV4	7104	15717	0.23%	0.066%
87	11.879	3493	3511	3532	rBV2	2151445	4091964	58.73%	17.156%
88	12.454	3684	3690	3691	rBV3	814	759	0.01%	0.003%
89	12.483	3693	3699	3707	rVB2	3266	5239	0.08%	0.022%
90	12.573	3718	3727	3728	rBV4	3467	4008	0.06%	0.017%
91	12.635	3740	3746	3756	rVB5	5244	7622	0.11%	0.032%
92	12.763	3782	3786	3791	rVB2	512	489	0.01%	0.002%
93	12.824	3796	3805	3808	rBV5	1843	2971	0.04%	0.012%
94	12.966	3847	3849	3852	rBV3	502	395	0.01%	0.002%
95	12.991	3853	3857	3864	rVB6	2586	3274	0.05%	0.014%
96	13.049	3871	3875	3879	rBV3	444	379	0.01%	0.002%
97	13.088	3883	3887	3893	rBV2	502	516	0.01%	0.002%
98	13.506	4004	4017	4042	rBV	967979	1527943	21.93%	6.406%
99	13.988	4156	4167	4183	rBV	211032	344049	4.94%	1.442%
100	14.860	4436	4438	4443	rVB3	826	575	0.01%	0.002%

Sum of corrected areas: 23851879

LSC Report - Integrated Chromatogram

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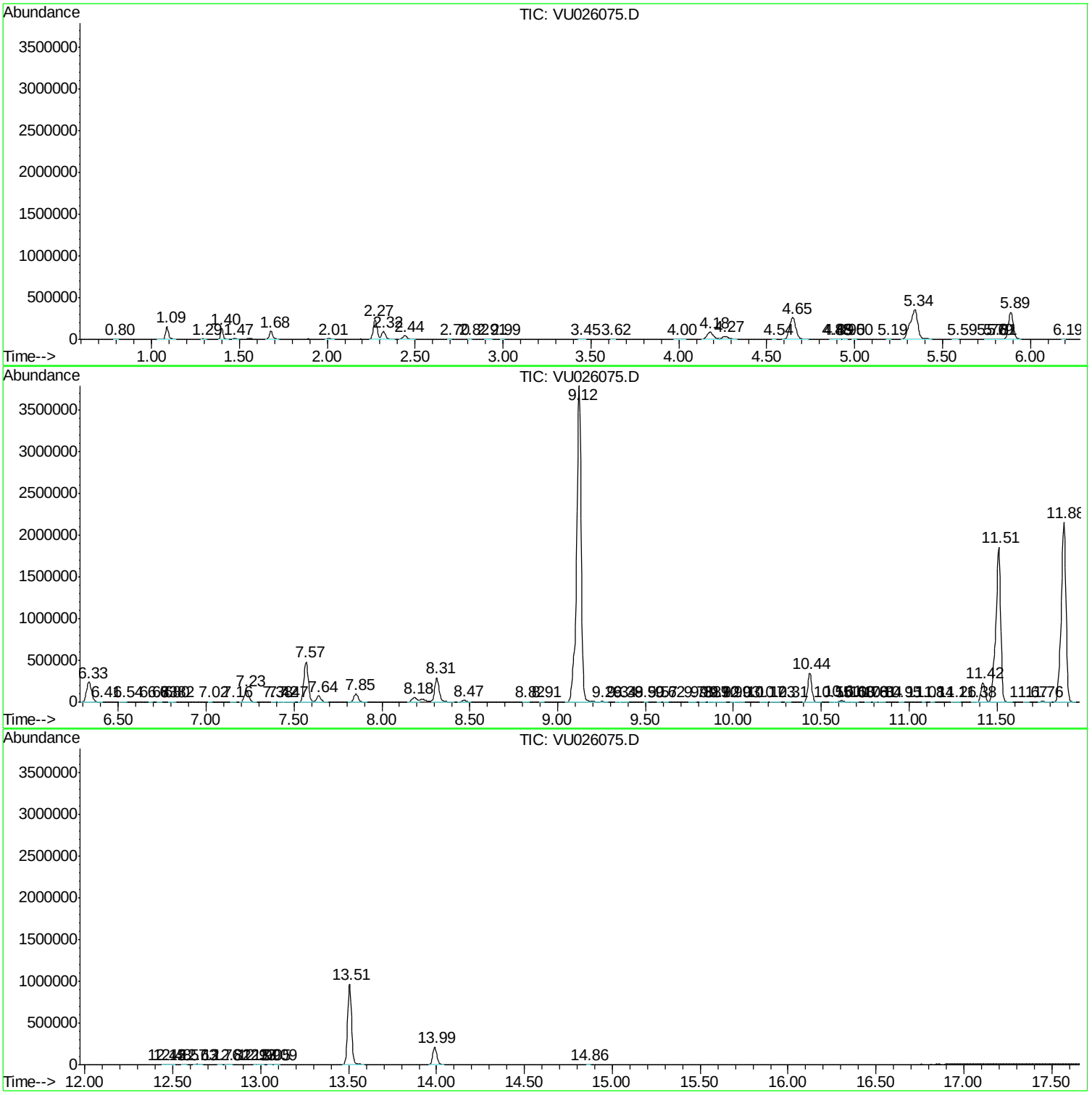
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4ZE2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.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\VU081318\
Data File : VU026075.D
Acq On : 13 Aug 2018 18:15
Operator : MD/SY
Sample : J4401-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4ZE2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis

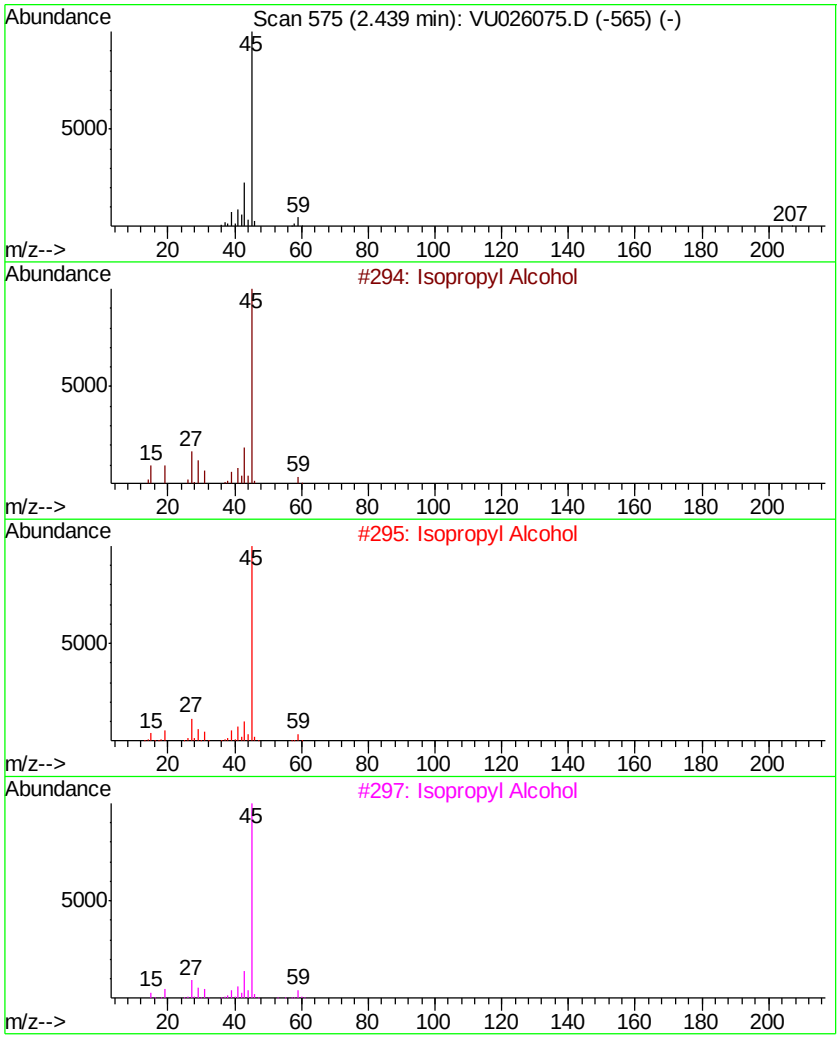
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

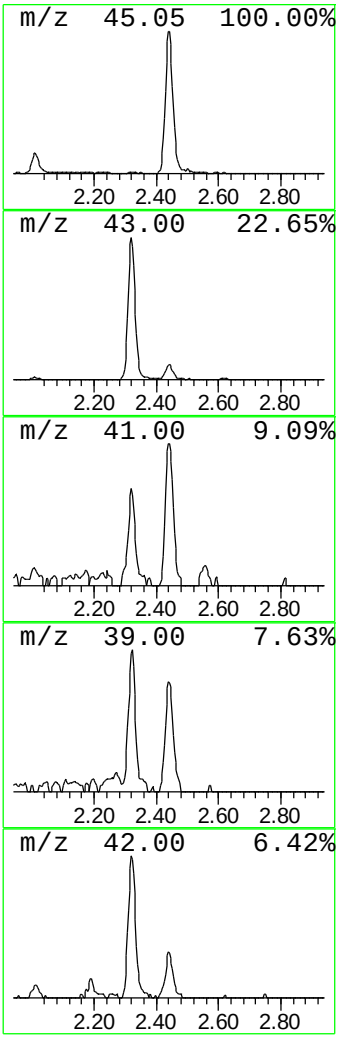
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	5.78 ug/L	74269	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081318\
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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	5.8	ug/L	74269	1	5.89	642157	50.0