

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018437.D
 Acq On : 24 Sep 2020 19:00
 Operator : SY/MD
 Sample : L4109-19 20X
 Misc : 6.45g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.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	1.315	63	70	88	rVB	172122	169695	11.96%	1.337%
2	1.579	144	152	168	rBV	151761	171214	12.07%	1.349%
3	2.122	309	321	355	rVB	307346	475031	33.47%	3.744%
4	2.312	373	380	387	rBV2	1143	1698	0.12%	0.013%
5	2.550	432	454	473	rVV	60389	125569	8.85%	0.990%
6	2.637	474	481	487	rVB5	643	874	0.06%	0.007%
7	2.781	511	526	545	rBV2	90532	183785	12.95%	1.448%
8	3.061	598	613	645	rVV	310269	618403	43.58%	4.874%
9	3.171	645	647	650	rVV3	431	324	0.02%	0.003%
10	3.190	651	653	656	rVB3	455	238	0.02%	0.002%
11	3.566	751	770	792	rBV2	16765	45144	3.18%	0.356%
12	3.695	796	810	826	rBV2	14205	34675	2.44%	0.273%
13	3.791	827	840	860	rVB3	16084	41191	2.90%	0.325%
14	3.916	867	879	919	rBV	101394	327229	23.06%	2.579%
15	4.376	1005	1022	1055	rVV	225020	549127	38.70%	4.328%
16	4.711	1114	1126	1138	rBV5	1732	3515	0.25%	0.028%
17	4.785	1145	1149	1153	rBV3	432	368	0.03%	0.003%
18	4.936	1194	1196	1200	rVB3	391	229	0.02%	0.002%
19	5.071	1218	1238	1275	rBV2	558186	1419096	100.00%	11.184%
20	5.219	1281	1284	1289	rVB3	634	547	0.04%	0.004%
21	5.514	1371	1376	1377	rBV2	374	346	0.02%	0.003%
22	5.640	1402	1415	1442	rBV	478790	943324	66.47%	7.434%
23	5.929	1494	1505	1527	rVV3	22045	45662	3.22%	0.360%
24	6.093	1541	1556	1588	rBV	318012	645133	45.46%	5.084%
25	6.942	1813	1820	1828	rBV5	824	1095	0.08%	0.009%
26	7.006	1829	1840	1866	rBV	187274	335964	23.67%	2.648%
27	7.289	1916	1928	1931	rBV5	2061	3405	0.24%	0.027%
28	7.338	1931	1943	1965	rVV	681883	1155759	81.44%	9.108%
29	7.592	2015	2022	2028	rBV3	2270	3187	0.22%	0.025%
30	7.643	2028	2038	2066	rVV	131862	232118	16.36%	1.829%
31	7.801	2084	2087	2090	rBV4	381	339	0.02%	0.003%
32	7.958	2131	2136	2140	rBV3	320	408	0.03%	0.003%
33	8.109	2170	2183	2218	rBV	368105	683404	48.16%	5.386%
34	8.373	2261	2265	2273	rVB4	866	961	0.07%	0.008%

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 Title : VOC Analysis

35	8.440	2280	2286	2291	rBV3	598	790	0.06%	0.006%
36	8.595	2332	2334	2337	rVV	365	233	0.02%	0.002%
37	8.813	2395	2402	2406	rBV2	418	458	0.03%	0.004%
38	8.871	2409	2420	2446	rBV	710152	1153282	81.27%	9.089%
39	9.167	2504	2512	2521	rVV4	1664	2672	0.19%	0.021%
40	9.225	2523	2530	2541	rVV5	2402	3814	0.27%	0.030%
41	9.498	2610	2615	2619	rBV3	511	440	0.03%	0.003%
42	9.569	2631	2637	2642	rBV3	569	629	0.04%	0.005%
43	9.595	2642	2645	2648	rVV2	389	378	0.03%	0.003%
44	9.739	2682	2690	2695	rVB4	1128	1572	0.11%	0.012%
45	9.820	2712	2715	2718	rBV2	336	256	0.02%	0.002%
46	9.874	2725	2732	2736	rVB4	467	625	0.04%	0.005%
47	9.958	2751	2758	2769	rVB	466	785	0.06%	0.006%
48	10.035	2777	2782	2790	rBV4	982	1441	0.10%	0.011%
49	10.083	2793	2797	2800	rVV3	696	695	0.05%	0.005%
50	10.109	2800	2805	2809	rVV2	1947	2688	0.19%	0.021%
51	10.141	2809	2815	2825	rVB5	3407	5415	0.38%	0.043%
52	10.238	2832	2845	2865	rBV	429078	671648	47.33%	5.293%
53	10.379	2883	2889	2903	rVB3	1898	3208	0.23%	0.025%
54	10.472	2909	2918	2923	rBV2	6592	9547	0.67%	0.075%
55	10.563	2939	2946	2950	rBV5	2748	4008	0.28%	0.032%
56	10.601	2951	2958	2971	rVB3	15449	23330	1.64%	0.184%
57	10.714	2987	2993	2994	rBV2	684	667	0.05%	0.005%
58	10.765	3001	3009	3014	rBV4	1302	1792	0.13%	0.014%
59	10.794	3014	3018	3024	rVB4	1016	1191	0.08%	0.009%
60	10.858	3029	3038	3043	rBV2	1198	1754	0.12%	0.014%
61	10.897	3043	3050	3056	rBV4	3820	5317	0.37%	0.042%
62	10.935	3056	3062	3073	rVB2	10371	15130	1.07%	0.119%
63	11.054	3091	3099	3108	rBV5	1862	2908	0.20%	0.023%
64	11.119	3114	3119	3128	rVB5	1410	1799	0.13%	0.014%
65	11.173	3128	3136	3142	rBV5	2602	3844	0.27%	0.030%
66	11.202	3143	3145	3146	rVV2	873	416	0.03%	0.003%
67	11.218	3147	3150	3154	rVB3	1480	1175	0.08%	0.009%
68	11.270	3154	3166	3187	rBV	789134	1214099	85.55%	9.568%
69	11.357	3189	3193	3199	rVV5	4757	6202	0.44%	0.049%
70	11.395	3199	3205	3215	rVB7	3871	6286	0.44%	0.050%
71	11.485	3227	3233	3242	rVB4	3762	5619	0.40%	0.044%

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72	11.569	3251	3259	3262	rBV4	1300	1622	0.11%	0.013%
73	11.646	3271	3283	3310	rVV	769523	1186816	83.63%	9.353%
74	11.743	3311	3313	3319	rVB3	734	576	0.04%	0.005%
75	11.810	3324	3334	3345	rBV	22322	32693	2.30%	0.258%
76	11.935	3365	3373	3375	rBV3	1722	1666	0.12%	0.013%
77	12.035	3402	3404	3411	rVB2	2041	1858	0.13%	0.015%
78	12.141	3430	3437	3447	rVB3	1721	2658	0.19%	0.021%
79	12.186	3447	3451	3454	rBV4	440	402	0.03%	0.003%
80	12.389	3508	3514	3521	rBV4	3331	4464	0.31%	0.035%
81	12.437	3521	3529	3538	rVB5	2718	4279	0.30%	0.034%
82	12.485	3538	3544	3551	rBV6	3405	4932	0.35%	0.039%
83	12.527	3552	3557	3563	rVB4	2029	2346	0.17%	0.018%
84	12.569	3567	3570	3571	rBV3	616	379	0.03%	0.003%
85	12.611	3576	3583	3590	rBV5	1879	2724	0.19%	0.021%
86	12.746	3622	3625	3631	rVB3	749	667	0.05%	0.005%
87	12.868	3660	3663	3664	rVV2	445	253	0.02%	0.002%
88	12.906	3668	3675	3686	rBV4	8273	12738	0.90%	0.100%
89	13.058	3716	3722	3731	rBV5	1960	3428	0.24%	0.027%
90	13.286	3784	3793	3806	rBV	19689	29824	2.10%	0.235%
91	13.347	3809	3812	3818	rVB3	353	386	0.03%	0.003%
92	13.533	3867	3870	3876	rVB4	1825	1770	0.12%	0.014%
93	13.665	3902	3911	3916	rBV5	1302	1987	0.14%	0.016%
94	13.771	3934	3944	3953	rVV4	4743	7062	0.50%	0.056%
95	13.926	3984	3992	4000	rBV6	3114	4604	0.32%	0.036%
96	13.987	4007	4011	4013	rBV	322	283	0.02%	0.002%
97	14.540	4175	4183	4193	rVB6	644	1006	0.07%	0.008%
98	14.675	4221	4225	4228	rBV2	712	499	0.04%	0.004%
99	14.868	4279	4285	4293	rVB4	1416	1648	0.12%	0.013%
100	15.530	4489	4491	4496	rBV3	432	290	0.02%	0.002%

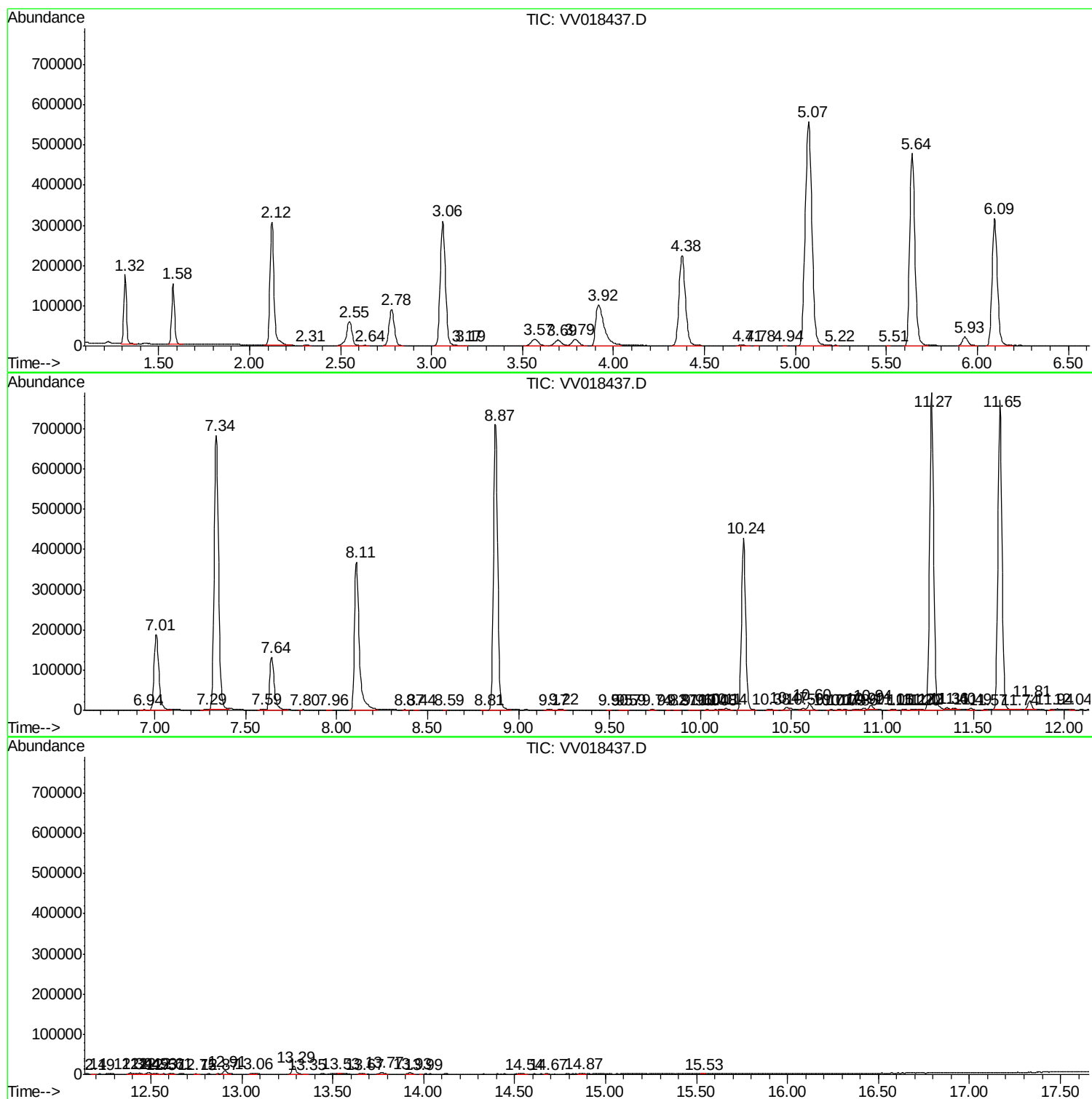
Sum of corrected areas: 12689030

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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



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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.55	6.66 ug/L	125569	1,4-Difluorobenzene	5.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49
5	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.78	9.74 ug/L	183785	1,4-Difluorobenzene	5.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.06	32.78 ug/L	618403	1,4-Difluorobenzene	5.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	83
3	n-Hexane	86	C6H14	000110-54-3	53
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	33
5	Methane, isocyanato-	57	C2H3NO	000624-83-9	32

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	2.55	6.7	ug/L	125569	1	5.64	943324	50.0
(DEL) Alkane: Str...	2.78	9.7	ug/L	183785	1	5.64	943324	50.0
(DEL) Alkane: Str...	3.06	32.8	ug/L	618403	1	5.64	943324	50.0