LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\
Data File : VV009064.D
Acq On : 19 Dec 2018 22:43
Operator : SY/MD
Sample : J6471-04
Misc : 6.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9H13

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_V\METHOD\SOM2VLM120618S.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	62	70	80	rVB	75966	79619	11.75%	1.531%
2	1.579	145	152	163	rVB	83109	93422	13.79%	1.797%
3	2.129	311	323	335	rBV	175780	255524	37.72%	4.915%
4	2.338	374	388	412	rBV	9424	31112	4.59%	0.598%
5	2.537	439	450	462	rVB	17682	29628	4.37%	0.570%
6	2.653	477	486	496	rBV3	1433	2915	0.43%	0.056%
7	2.794	527	530	532	rBV	501	304	0.04%	0.006%
8	2.839	538	544	545	rBV	136	150	0.02%	0.003%
9	2.852	545	548	549	rVB	327	160	0.02%	0.003%
10	2.868	549	553	558	rBV	207	275	0.04%	0.005%
11	3.026	596	602	605	rBV	167	233	0.03%	0.004%
12	3.074	608	617	628	rVB5	2910	5326	0.79%	0.102%
13	3.138	634	637	641	rBV	180	203	0.03%	0.004%
14	3.200	651	656	657	rBV	217	164	0.02%	0.003%
15	3.418	721	724	726	rBV	325	207	0.03%	0.004%
16	3.492	744	747	748	rBV	234	136	0.02%	0.003%
17	3.611	781	784	785	rBV	189	129	0.02%	0.002%
18	3.749	824	827	829	rVV	274	152	0.02%	0.003%
19	3.881	866	868	873	rBV	169	191	0.03%	0.004%
20	3.942	873	887	923	rBV2	25578	101174	14.94%	1.946%
21	4.402	1012	1030	1052	rBV	114653	282177	41.66%	5.427%
22	4.646	1102	1106	1109	rBV	161	181	0.03%	0.003%
23	4.704	1120	1124	1127	rBV	137	168	0.02%	0.003%
24	4.749	1134	1138	1142	rVV2	256	196	0.03%	0.004%
25	4.791	1147	1151	1155	rVB2	221	220	0.03%	0.004%
26	4.836	1163	1165	1168	rBV	152	131	0.02%	0.003%
27	4.852	1168	1170	1177	rVB	252	229	0.03%	0.004%
28	4.968	1203	1206	1209	rBV2	265	233	0.03%	0.004%
29	5.013	1215	1220	1223	rBV	152	216	0.03%	0.004%
30	5.097	1227	1246	1278	rBV2	264838	675399	99.70%	12.991%
31	5.289	1304	1306	1310	rBV	189	166	0.02%	0.003%
32	5.347	1321	1324	1328	rVB2	398	333	0.05%	0.006%
33	5.376	1328	1333	1336	rBB2	382	301	0.04%	0.006%
34	5.396	1336	1339	1342	rBV2	300	254	0.04%	0.005%

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Instrument : MSVOA_V
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Title : VOC Analysis

35	5.553	1385	1388	1390	rBB2	259	140	0.02%	0.003%
36	5.662	1407	1422	1444	rBV	265829	531765	78.50%	10.228%
37	5.888	1490	1492	1496	rBV2	189	150	0.02%	0.003%
38	5.949	1500	1511	1525	rVB3	16794	33260	4.91%	0.640%
39	6.019	1525	1533	1534	rBV2	786	814	0.12%	0.016%
40	6.068	1545	1548	1550	rBV2	366	226	0.03%	0.004%
41	6.119	1550	1564	1585	rVV	148470	304900	45.01%	5.865%
42	6.405	1649	1653	1657	rBV	173	195	0.03%	0.004%
43	6.582	1703	1708	1710	rBV	262	222	0.03%	0.004%
44	6.662	1730	1733	1735	rBV2	209	126	0.02%	0.002%
45	6.701	1738	1745	1749	rVV3	754	1041	0.15%	0.020%
46	6.720	1749	1751	1753	rVV	453	188	0.03%	0.004%
47	6.733	1753	1755	1760	rVB	245	213	0.03%	0.004%
48	6.772	1764	1767	1771	rBB	272	212	0.03%	0.004%
49	6.823	1771	1783	1792	rBB4	2141	3796	0.56%	0.073%
50	6.868	1792	1797	1799	rBB	141	149	0.02%	0.003%
51	6.932	1814	1817	1819	rBV	155	126	0.02%	0.002%
52	6.971	1827	1829	1835	rBB	141	147	0.02%	0.003%
53	7.029	1836	1847	1869	rBV	83265	149528	22.07%	2.876%
54	7.254	1914	1917	1918	rBV	282	163	0.02%	0.003%
55	7.280	1920	1925	1931	rBV5	1410	2170	0.32%	0.042%
56	7.360	1937	1950	1966	rBV	317805	551946	81.48%	10.616%
57	7.572	2014	2016	2019	rBV	177	139	0.02%	0.003%
58	7.666	2034	2045	2066	rBV	54507	93291	13.77%	1.794%
59	7.810	2082	2090	2091	rBV2	260	293	0.04%	0.006%
60	7.987	2134	2145	2150	rBV3	1986	2841	0.42%	0.055%
61	8.016	2150	2154	2155	rBV2	870	609	0.09%	0.012%
62	8.048	2161	2164	2167	rVB2	308	241	0.04%	0.005%
63	8.138	2182	2192	2205	rBV2	61238	122356	18.06%	2.353%
64	8.424	2277	2281	2285	rVB2	282	271	0.04%	0.005%
65	8.466	2287	2294	2296	rBV3	916	949	0.14%	0.018%
66	8.530	2310	2314	2316	rVB2	177	134	0.02%	0.003%
67	8.653	2347	2352	2354	rBV	180	188	0.03%	0.004%
68	8.711	2365	2370	2373	rBB	169	187	0.03%	0.004%
69	8.733	2373	2377	2379	rBV	207	211	0.03%	0.004%
70	8.897	2416	2428	2464	rBV	407649	677398	100.00%	13.029%
71	9.055	2470	2477	2486	rBV3	1438	2033	0.30%	0.039%

LSC Area Percent Report

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Instrument : MSVOA_V
ClientSampleId : F9H13

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_V\METHOD\SOM2VLM120618S.M
Title : VOC Analysis

72	9.109	2486	2494	2503	rVB2	1191	1616	0.24%	0.031%
73	9.183	2510	2517	2526	rBV4	1145	1975	0.29%	0.038%
74	9.222	2526	2529	2533	rBV	239	143	0.02%	0.003%
75	9.595	2639	2645	2657	rVB8	1454	2847	0.42%	0.055%
76	9.733	2684	2688	2691	rVV2	143	128	0.02%	0.002%
77	9.974	2757	2763	2772	rBV2	942	1494	0.22%	0.029%
78	10.045	2779	2785	2790	rBV	224	370	0.05%	0.007%
79	10.077	2793	2795	2798	rVB	247	127	0.02%	0.002%
80	10.096	2798	2801	2803	rBV	208	169	0.02%	0.003%
81	10.174	2817	2825	2839	rVB5	1983	3540	0.52%	0.068%
82	10.264	2840	2853	2872	rBV	117686	186945	27.60%	3.596%
83	10.424	2891	2903	2912	rBV2	9547	15420	2.28%	0.297%
84	10.588	2951	2954	2957	rBV	309	166	0.02%	0.003%
85	10.620	2962	2964	2968	rBV3	359	239	0.04%	0.005%
86	10.813	3022	3024	3026	rBV	433	227	0.03%	0.004%
87	11.145	3121	3127	3135	rVB3	1093	1449	0.21%	0.028%
88	11.193	3136	3142	3148	rVB4	1620	1868	0.28%	0.036%
89	11.228	3148	3153	3154	rBV2	752	634	0.09%	0.012%
90	11.296	3163	3174	3192	rBV	320016	516845	76.30%	9.941%
91	11.431	3210	3216	3224	rBV3	804	841	0.12%	0.016%
92	11.476	3224	3230	3234	rVB3	644	748	0.11%	0.014%
93	11.582	3260	3263	3271	rBV2	396	411	0.06%	0.008%
94	11.675	3279	3292	3311	rBV	248410	411648	60.77%	7.918%
95	11.977	3383	3386	3387	rBV	298	140	0.02%	0.003%
96	12.296	3478	3485	3494	rVB2	846	1316	0.19%	0.025%
97	13.132	3742	3745	3747	rBV2	254	174	0.03%	0.003%
98	13.263	3782	3786	3792	rVB2	235	265	0.04%	0.005%
99	13.312	3797	3801	3802	rBV	640	466	0.07%	0.009%
100	13.791	3947	3950	3959	rVB4	2374	3016	0.45%	0.058%

Sum of corrected areas: 5199073

LSC Report - Integrated Chromatogram

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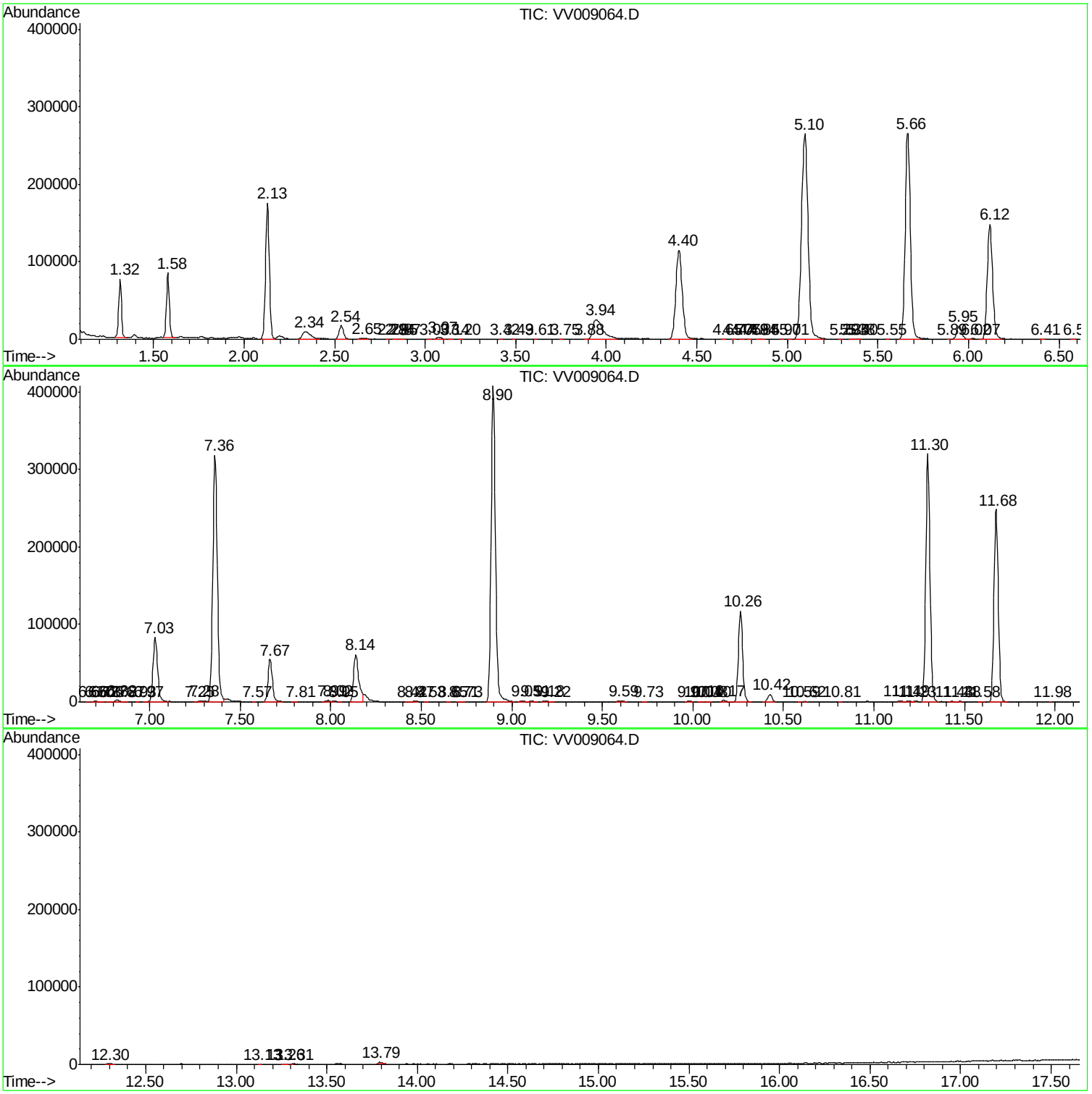
Instrument :
MSVOA_V
ClientSampleId :
F9H13

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.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_V\DATA\VV121918\
Data File : VV009064.D
Acq On : 19 Dec 2018 22:43
Operator : SY/MD
Sample : J6471-04
Misc : 6.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9H13

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis

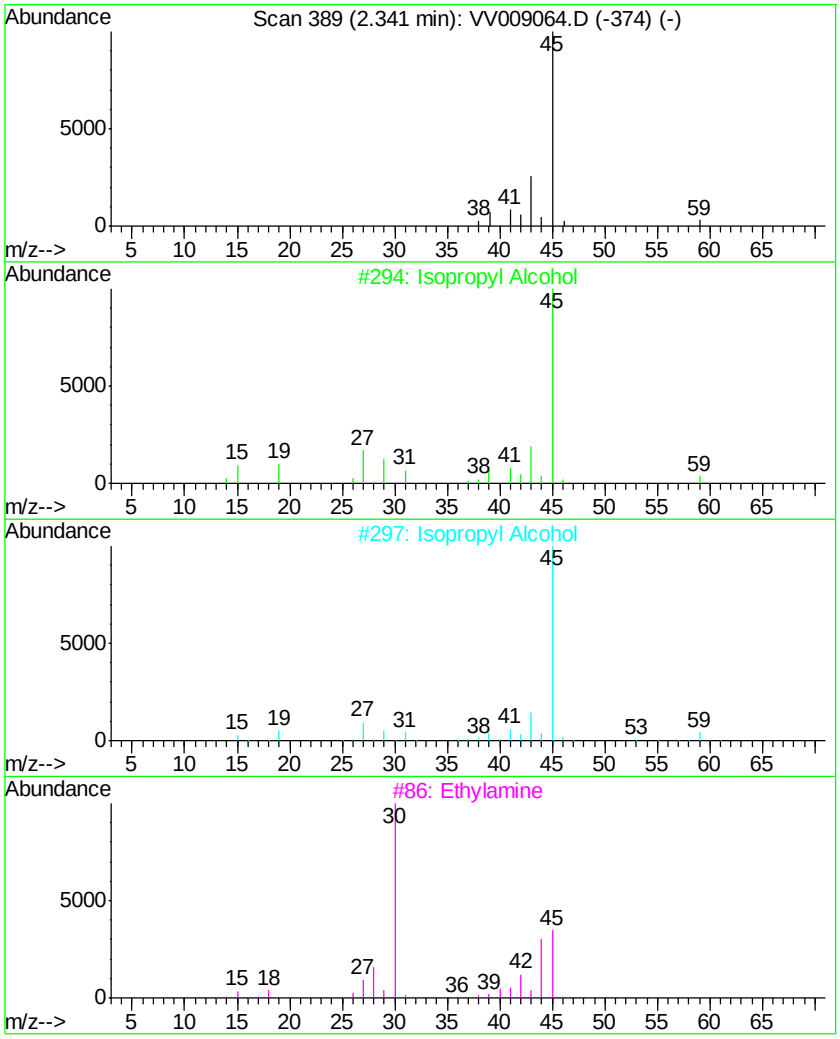
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

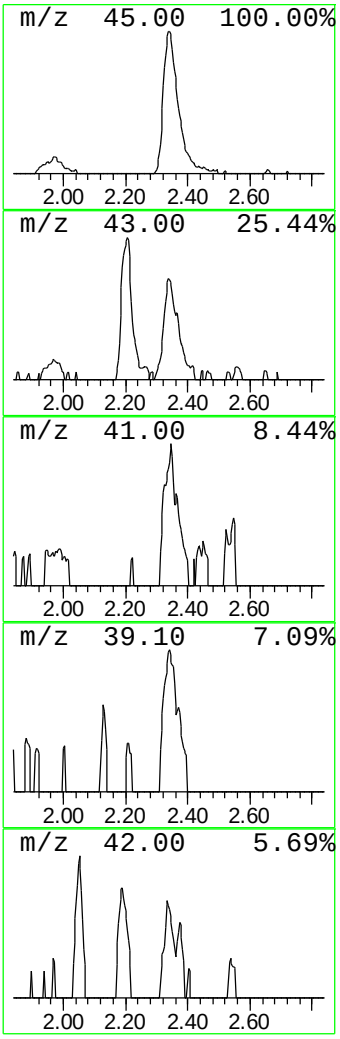
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.34	1.46 ug/L	31112	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	74
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3	Ethylamine	45	C2H7N	000075-04-7	5
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	4
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	4





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	2.34	1.5	ug/L	31112	1	5.67	531765	25.0