LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090618\
Data File : VU026594.D
Acq On : 06 Sep 2018 21:58
Operator : MD/SY
Sample : J4749-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E5FB3

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\SOMULM082918WMA.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	1.395	62	69	83	rBV	93053	101689	18.81%	2.544%
2	1.472	88	93	102	rVB	19996	21778	4.03%	0.545%
3	1.678	150	157	172	rVB	68754	86938	16.08%	2.175%
4	2.270	332	341	352	rVB	123519	183103	33.87%	4.580%
5	2.443	387	395	404	rBV2	2047	3914	0.72%	0.098%
6	2.553	421	429	440	rVB2	1203	2303	0.43%	0.058%
7	2.620	443	450	455	rBV	286	474	0.09%	0.012%
8	2.701	472	475	480	rBV4	677	727	0.13%	0.018%
9	2.794	496	504	508	rBV3	487	580	0.11%	0.015%
10	2.842	508	519	531	rVB	1654	3368	0.62%	0.084%
11	2.942	546	550	557	rVB2	358	420	0.08%	0.011%
12	2.990	558	565	567	rBV3	887	985	0.18%	0.025%
13	3.064	584	588	591	rBV	95	72	0.01%	0.002%
14	3.093	593	597	602	rBV2	354	415	0.08%	0.010%
15	3.141	608	612	615	rBV2	221	211	0.04%	0.005%
16	3.193	619	628	636	rVV3	777	1547	0.29%	0.039%
17	3.273	649	653	658	rVB2	210	183	0.03%	0.005%
18	3.328	667	670	674	rBV2	187	183	0.03%	0.005%
19	3.370	681	683	686	rVB	145	64	0.01%	0.002%
20	3.389	686	689	695	rVB2	248	215	0.04%	0.005%
21	3.427	699	701	703	rBV	182	84	0.02%	0.002%
22	3.450	703	708	714	rVB2	298	368	0.07%	0.009%
23	3.479	714	717	719	rBV	147	83	0.02%	0.002%
24	3.495	719	722	725	rVB	88	62	0.01%	0.002%
25	3.521	725	730	733	rBV	68	72	0.01%	0.002%
26	3.553	737	740	747	rVB	113	115	0.02%	0.003%
27	3.588	747	751	754	rBV	77	71	0.01%	0.002%
28	3.691	781	783	786	rBV	141	74	0.01%	0.002%
29	3.749	798	801	806	rBV2	180	127	0.02%	0.003%
30	4.003	872	880	887	rVB3	921	1359	0.25%	0.034%
31	4.093	900	908	911	rBV4	1522	2045	0.38%	0.051%
32	4.180	921	935	962	rBV	56481	157369	29.11%	3.936%
33	4.386	997	999	1002	rBV2	262	155	0.03%	0.004%
34	4.492	1029	1032	1039	rVB	239	123	0.02%	0.003%

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ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E5FB3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Title : VOC Analysis

35	4.533	1040	1045	1050	rVB	50	60	0.01%	0.002%
36	4.572	1055	1057	1061	rBV	181	149	0.03%	0.004%
37	4.649	1065	1081	1105	rBV2	92457	215328	39.83%	5.386%
38	4.990	1179	1187	1188	rBV4	1920	1934	0.36%	0.048%
39	5.051	1204	1206	1207	rBV	105	59	0.01%	0.001%
40	5.074	1211	1213	1215	rBV	150	73	0.01%	0.002%
41	5.189	1247	1249	1251	rBV	161	71	0.01%	0.002%
42	5.218	1255	1258	1260	rBV	92	64	0.01%	0.002%
43	5.344	1273	1297	1324	rBV2	180911	540588	100.00%	13.522%
44	5.453	1329	1331	1336	rVB2	318	190	0.04%	0.005%
45	5.485	1337	1341	1343	rBV2	173	116	0.02%	0.003%
46	5.514	1346	1350	1354	rBV	79	72	0.01%	0.002%
47	5.595	1372	1375	1379	rVV2	309	260	0.05%	0.007%
48	5.627	1379	1385	1390	rVB4	797	870	0.16%	0.022%
49	5.652	1390	1393	1397	rVB	105	70	0.01%	0.002%
50	5.697	1403	1407	1412	rVV	97	113	0.02%	0.003%
51	5.768	1426	1429	1431	rBV2	164	109	0.02%	0.003%
52	5.784	1431	1434	1444	rVB2	475	661	0.12%	0.017%
53	5.836	1448	1450	1452	rVB	159	86	0.02%	0.002%
54	5.887	1452	1466	1495	rBV	165771	320637	59.31%	8.020%
55	6.048	1514	1516	1519	rBV	178	89	0.02%	0.002%
56	6.135	1541	1543	1549	rVV	171	109	0.02%	0.003%
57	6.189	1549	1560	1573	rBV2	14748	27151	5.02%	0.679%
58	6.334	1591	1605	1622	rBV	125486	247329	45.75%	6.187%
59	6.533	1663	1667	1669	rBV	535	373	0.07%	0.009%
60	6.598	1683	1687	1691	rVB2	208	166	0.03%	0.004%
61	6.697	1715	1718	1721	rVB	119	71	0.01%	0.002%
62	6.848	1762	1765	1766	rBV	341	182	0.03%	0.005%
63	6.893	1776	1779	1782	rBV2	156	124	0.02%	0.003%
64	7.135	1849	1854	1857	rBV	104	88	0.02%	0.002%
65	7.186	1866	1870	1872	rBV	79	59	0.01%	0.001%
66	7.231	1872	1884	1898	rBV	63622	110592	20.46%	2.766%
67	7.379	1925	1930	1935	rVB2	209	243	0.04%	0.006%
68	7.475	1952	1960	1966	rVB	374	537	0.10%	0.013%
69	7.569	1975	1989	2004	rBV	219255	378553	70.03%	9.469%
70	7.774	2051	2053	2058	rVB	201	125	0.02%	0.003%
71	7.852	2066	2077	2094	rVV	44251	73751	13.64%	1.845%

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Integrator: RTE
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Sampling : 1 Min Area: 0 % of largest Peak
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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Title : VOC Analysis

72	7.926	2098	2100	2104	rVB3	368	196	0.04%	0.005%
73	8.183	2167	2180	2190	rBV2	5408	11936	2.21%	0.299%
74	8.311	2210	2220	2242	rBV	169124	289206	53.50%	7.234%
75	8.472	2262	2270	2278	rVB3	1501	2548	0.47%	0.064%
76	8.520	2283	2285	2288	rVV	180	67	0.01%	0.002%
77	8.549	2292	2294	2299	rVV	149	110	0.02%	0.003%
78	8.572	2299	2301	2304	rVB	166	94	0.02%	0.002%
79	8.646	2321	2324	2329	rVB	192	121	0.02%	0.003%
80	8.704	2339	2342	2347	rBV	108	103	0.02%	0.003%
81	8.774	2361	2364	2367	rBV	160	79	0.01%	0.002%
82	8.813	2374	2376	2379	rBV	88	65	0.01%	0.002%
83	9.093	2450	2463	2481	rBV	217632	357265	66.09%	8.936%
84	9.231	2504	2506	2508	rBV	132	69	0.01%	0.002%
85	9.257	2508	2514	2521	rVV3	537	682	0.13%	0.017%
86	9.376	2544	2551	2559	rBV	1829	2440	0.45%	0.061%
87	9.475	2580	2582	2583	rBV	152	62	0.01%	0.002%
88	9.517	2591	2595	2597	rBV2	161	106	0.02%	0.003%
89	9.717	2655	2657	2660	rVB	178	80	0.01%	0.002%
90	9.781	2670	2677	2686	rVB	2065	2790	0.52%	0.070%
91	10.083	2769	2771	2773	rBV	141	59	0.01%	0.001%
92	10.434	2868	2880	2895	rBV	163953	257854	47.70%	6.450%
93	10.610	2926	2935	2943	rBV4	2838	4326	0.80%	0.108%
94	10.877	3013	3018	3024	rVB2	265	290	0.05%	0.007%
95	11.144	3098	3101	3105	rBV2	221	167	0.03%	0.004%
96	11.327	3154	3158	3163	rBV2	197	222	0.04%	0.006%
97	11.392	3175	3178	3182	rBV2	179	164	0.03%	0.004%
98	11.485	3195	3207	3225	rBV	177309	276040	51.06%	6.905%
99	11.749	3283	3289	3299	rVB4	1788	2715	0.50%	0.068%
100	11.861	3312	3324	3340	rBV	185790	295677	54.70%	7.396%

Sum of corrected areas: 3997861

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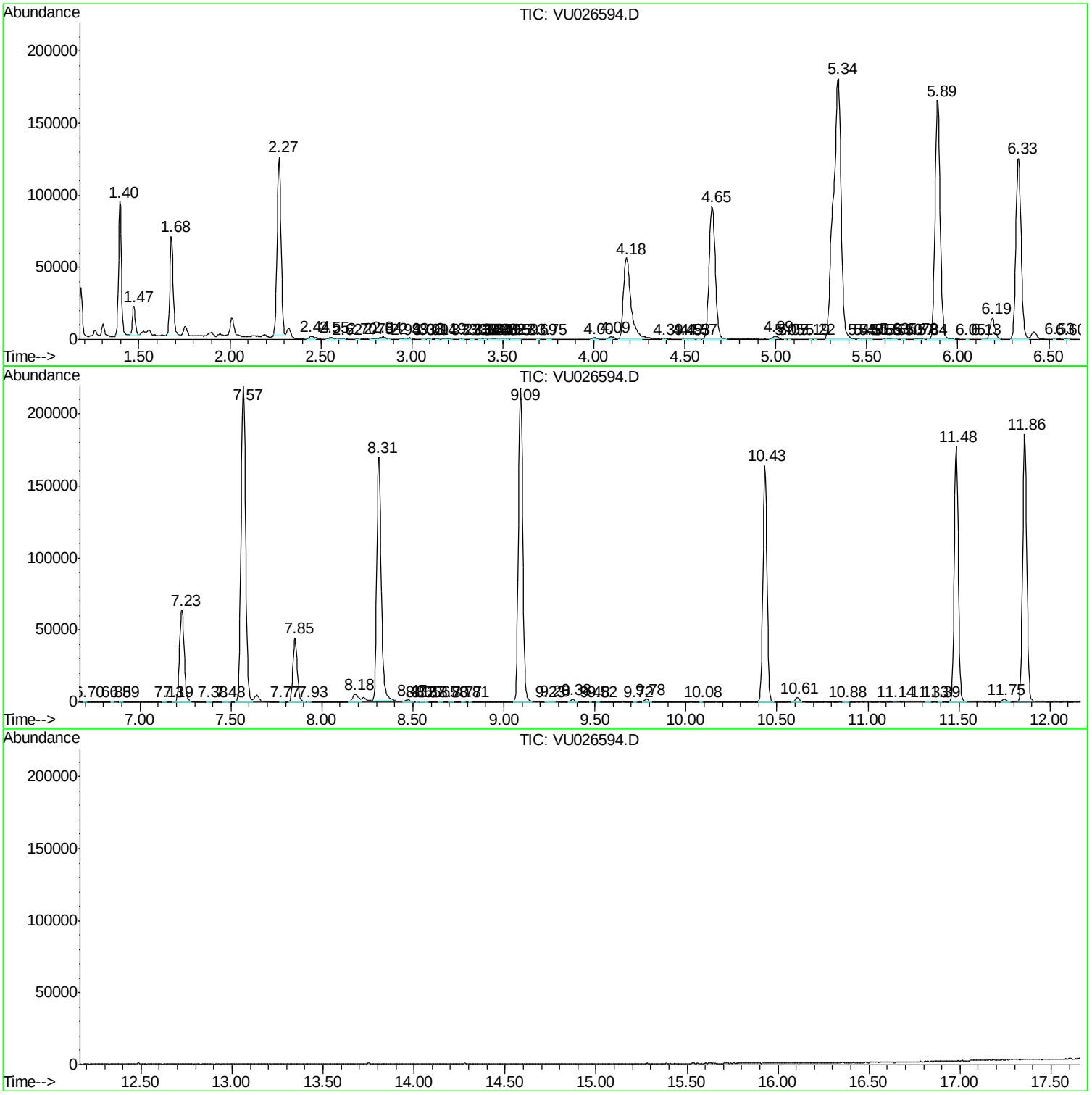
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

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ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E5FB3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis

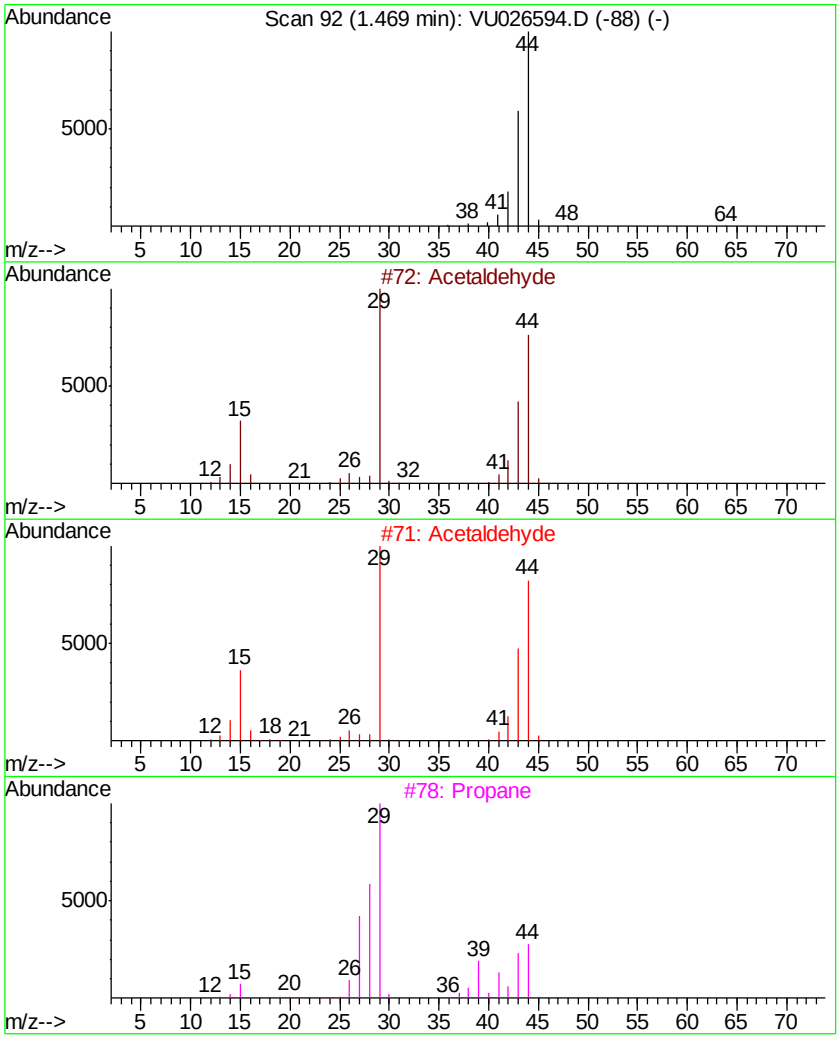
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

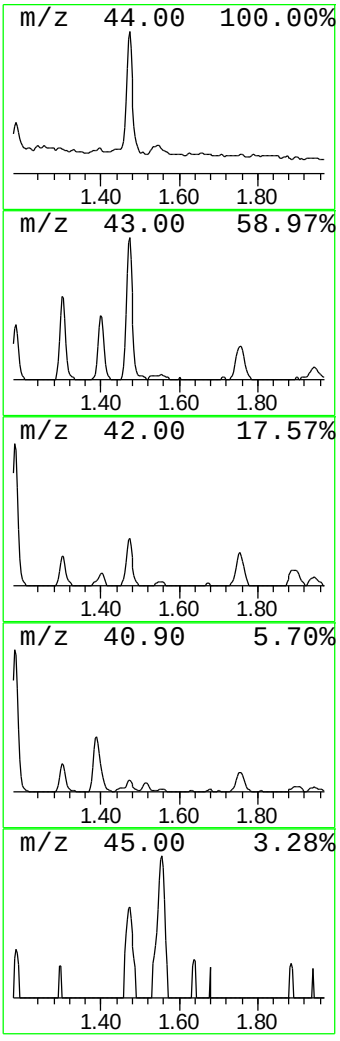
****

Peak Number 1 Acetaldehyde Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.47	3.40 ug/L	21778	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	74
2	Acetaldehyde	44	C2H4O	000075-07-0	74
3	Propane	44	C3H8	000074-98-6	5
4	Ethylene oxide	44	C2H4O	000075-21-8	5
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Acetaldehyde	1.47	3.4	ug/L	21778	1	5.89	320637	50.0