LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090818\
Data File : VU026626.D
Acq On : 07 Sep 2018 18:23
Operator : MD/SY
Sample : J4749-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 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	1.302	36	40	45	rBV	7035	5863	1.23%	0.156%
2	1.395	62	69	80	rVB	74159	80564	16.96%	2.150%
3	1.472	87	93	102	rVB	17509	18112	3.81%	0.483%
4	1.678	150	157	171	rVB	55884	71365	15.03%	1.905%
5	2.270	332	341	352	rVB	105610	152160	32.04%	4.062%
6	2.398	379	381	382	rBV	241	80	0.02%	0.002%
7	2.447	389	396	403	rBV2	1687	2827	0.60%	0.075%
8	2.556	420	430	444	rVB2	1660	3087	0.65%	0.082%
9	2.614	444	448	449	rBV	344	259	0.05%	0.007%
10	2.694	470	473	477	rBV4	704	716	0.15%	0.019%
11	2.742	482	488	496	rVB4	759	1115	0.23%	0.030%
12	2.791	496	503	505	rBV2	468	471	0.10%	0.013%
13	2.836	510	517	527	rVB2	1007	1937	0.41%	0.052%
14	2.945	545	551	554	rBV2	305	271	0.06%	0.007%
15	2.993	559	566	567	rBV3	910	918	0.19%	0.025%
16	3.186	619	626	634	rBV3	910	1267	0.27%	0.034%
17	3.263	646	650	654	rBV	134	109	0.02%	0.003%
18	3.437	700	704	707	rBV2	230	187	0.04%	0.005%
19	3.482	713	718	720	rBV	174	102	0.02%	0.003%
20	3.832	823	827	831	rBV	97	91	0.02%	0.002%
21	3.877	835	841	845	rBV	130	143	0.03%	0.004%
22	3.990	870	876	886	rBV3	551	985	0.21%	0.026%
23	4.180	918	935	961	rBV	49974	136848	28.81%	3.653%
24	4.392	996	1001	1004	rBV	251	224	0.05%	0.006%
25	4.431	1009	1013	1014	rBV	159	75	0.02%	0.002%
26	4.530	1040	1044	1048	rBV	65	65	0.01%	0.002%
27	4.649	1063	1081	1105	rBV	81389	189820	39.97%	5.067%
28	4.849	1138	1143	1145	rBV	255	270	0.06%	0.007%
29	4.996	1180	1189	1200	rVB6	2372	4684	0.99%	0.125%
30	5.080	1213	1215	1220	rVB	122	95	0.02%	0.003%
31	5.344	1272	1297	1323	rBV2	157602	474921	100.00%	12.677%
32	5.479	1337	1339	1341	rVV	166	73	0.02%	0.002%
33	5.495	1342	1344	1345	rVV	227	72	0.02%	0.002%
34	5.604	1375	1378	1379	rBV2	179	105	0.02%	0.003%

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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
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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\SOMULM082918WMA.M
Title : VOC Analysis

35	5.633	1379	1387	1391	rVV2	751	862	0.18%	0.023%
36	5.749	1421	1423	1427	rVB	198	106	0.02%	0.003%
37	5.791	1428	1436	1445	rBV2	530	1093	0.23%	0.029%
38	5.890	1453	1467	1497	rBV	170202	330421	69.57%	8.820%
39	6.064	1518	1521	1524	rVB2	255	125	0.03%	0.003%
40	6.099	1529	1532	1533	rBV	159	90	0.02%	0.002%
41	6.112	1533	1536	1537	rVV	182	91	0.02%	0.002%
42	6.122	1537	1539	1547	rVB	211	160	0.03%	0.004%
43	6.189	1549	1560	1573	rVB2	14016	26649	5.61%	0.711%
44	6.241	1573	1576	1578	rBV2	239	122	0.03%	0.003%
45	6.257	1578	1581	1584	rVB	177	101	0.02%	0.003%
46	6.331	1591	1604	1622	rBV	112972	223754	47.11%	5.973%
47	6.421	1623	1632	1646	rVB6	5396	11358	2.39%	0.303%
48	6.472	1646	1648	1651	rBV2	136	102	0.02%	0.003%
49	6.517	1658	1662	1663	rBV	155	96	0.02%	0.003%
50	6.537	1663	1668	1676	rVV4	761	975	0.21%	0.026%
51	6.643	1699	1701	1705	rVB	174	95	0.02%	0.003%
52	6.662	1705	1707	1708	rBV	184	81	0.02%	0.002%
53	6.678	1710	1712	1715	rVB2	188	116	0.02%	0.003%
54	6.726	1721	1727	1730	rBV2	309	227	0.05%	0.006%
55	6.749	1731	1734	1742	rVB	212	169	0.04%	0.005%
56	6.791	1743	1747	1749	rBV	122	91	0.02%	0.002%
57	6.829	1752	1759	1761	rBV2	461	586	0.12%	0.016%
58	6.967	1800	1802	1805	rVB2	168	93	0.02%	0.002%
59	7.074	1833	1835	1838	rVB	164	71	0.01%	0.002%
60	7.093	1838	1841	1846	rBV	67	64	0.01%	0.002%
61	7.151	1857	1859	1862	rVB2	138	79	0.02%	0.002%
62	7.170	1862	1865	1872	rVB	67	81	0.02%	0.002%
63	7.231	1872	1884	1902	rBV	55122	98907	20.83%	2.640%
64	7.321	1910	1912	1916	rVB	149	104	0.02%	0.003%
65	7.376	1926	1929	1930	rBV	168	94	0.02%	0.003%
66	7.437	1946	1948	1949	rBV	210	60	0.01%	0.002%
67	7.459	1949	1955	1957	rBV	279	258	0.05%	0.007%
68	7.569	1975	1989	2005	rBV	194626	335768	70.70%	8.963%
69	7.639	2006	2011	2022	rVB3	4265	7027	1.48%	0.188%
70	7.791	2055	2058	2060	rBV2	171	104	0.02%	0.003%
71	7.852	2067	2077	2094	rBV	40155	66681	14.04%	1.780%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Peak separation: 5

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

72	7.974	2112	2115	2117	rVB2	153	84	0.02%	0.002%
73	7.993	2118	2121	2123	rBV2	133	77	0.02%	0.002%
74	8.183	2166	2180	2189	rBV2	11560	22549	4.75%	0.602%
75	8.311	2210	2220	2243	rVB	155552	260464	54.84%	6.952%
76	8.569	2296	2300	2302	rBV	184	93	0.02%	0.002%
77	8.627	2312	2318	2320	rBV	71	74	0.02%	0.002%
78	8.639	2320	2322	2324	rBV	143	86	0.02%	0.002%
79	8.774	2361	2364	2368	rBV	162	86	0.02%	0.002%
80	8.797	2368	2371	2375	rBV	178	143	0.03%	0.004%
81	8.884	2396	2398	2402	rVV2	119	69	0.01%	0.002%
82	9.093	2449	2463	2481	rBV	228783	378692	79.74%	10.108%
83	9.212	2498	2500	2504	rVB	133	68	0.01%	0.002%
84	9.250	2506	2512	2514	rBV	328	366	0.08%	0.010%
85	9.376	2544	2551	2561	rVB4	1774	2781	0.59%	0.074%
86	9.414	2561	2563	2569	rVB	126	88	0.02%	0.002%
87	9.479	2580	2583	2586	rBV	188	158	0.03%	0.004%
88	9.646	2632	2635	2636	rBV	135	70	0.01%	0.002%
89	9.784	2669	2678	2688	rBV3	2133	3006	0.63%	0.080%
90	10.163	2794	2796	2798	rBV	148	76	0.02%	0.002%
91	10.228	2813	2816	2818	rBV	163	77	0.02%	0.002%
92	10.434	2868	2880	2896	rBV	156138	245641	51.72%	6.557%
93	10.610	2927	2935	2947	rVB	4496	7771	1.64%	0.207%
94	10.906	3025	3027	3030	rVB	203	93	0.02%	0.002%
95	11.485	3195	3207	3222	rBV	187062	291108	61.30%	7.770%
96	11.572	3232	3234	3236	rBV2	301	168	0.04%	0.004%
97	11.861	3312	3324	3344	rBV	173853	275202	57.95%	7.346%
98	12.620	3557	3560	3564	rBV	227	202	0.04%	0.005%
99	12.687	3579	3581	3583	rVB	316	111	0.02%	0.003%
100	12.909	3647	3650	3653	rVB	288	192	0.04%	0.005%

Sum of corrected areas: 3746337

LSC Report - Integrated Chromatogram

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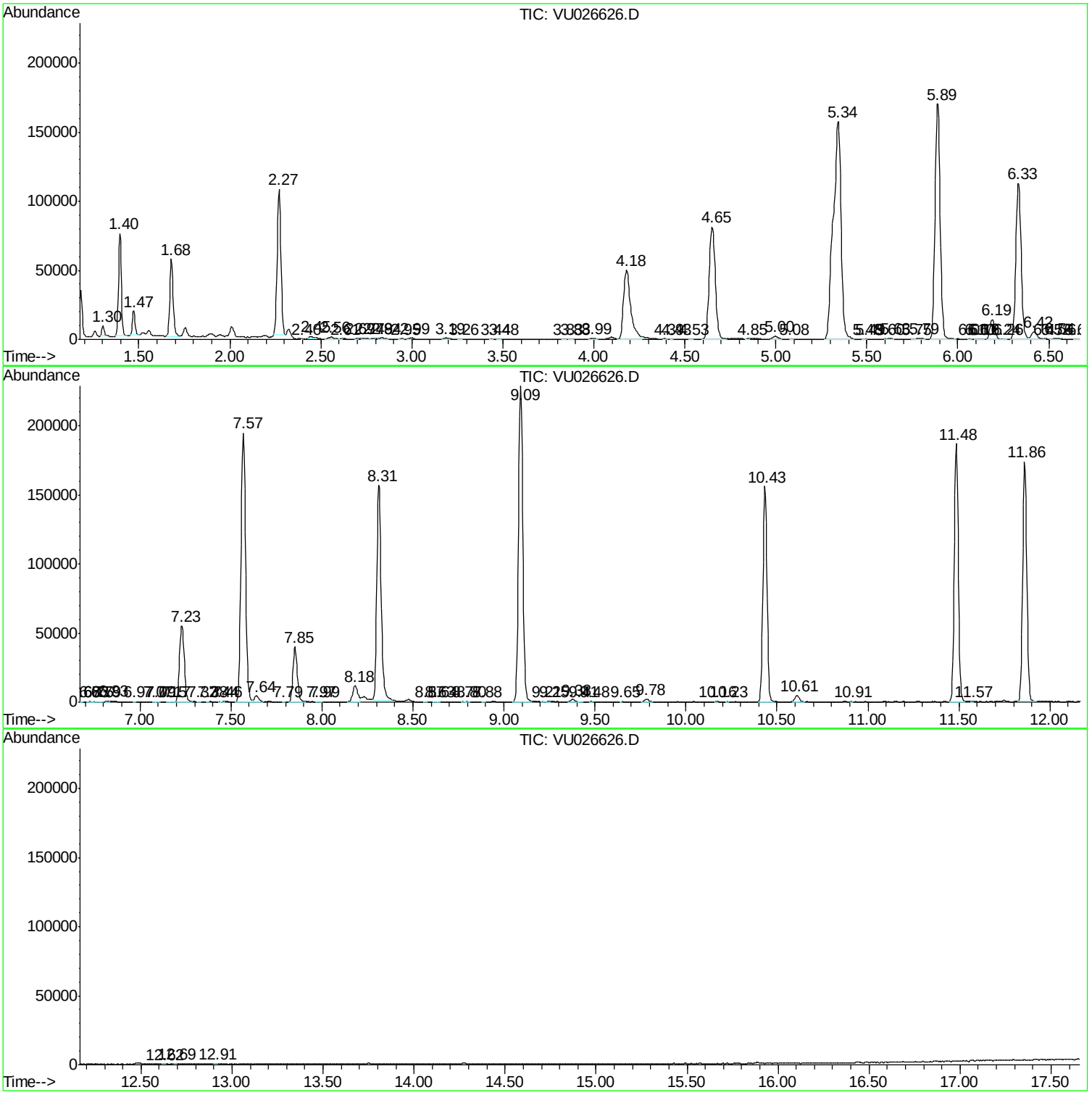
Instrument : MSVOA_U
ClientSampleId : E5FB3

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090818\
Data File : VU026626.D
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Operator : MD/SY
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E5FB3

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

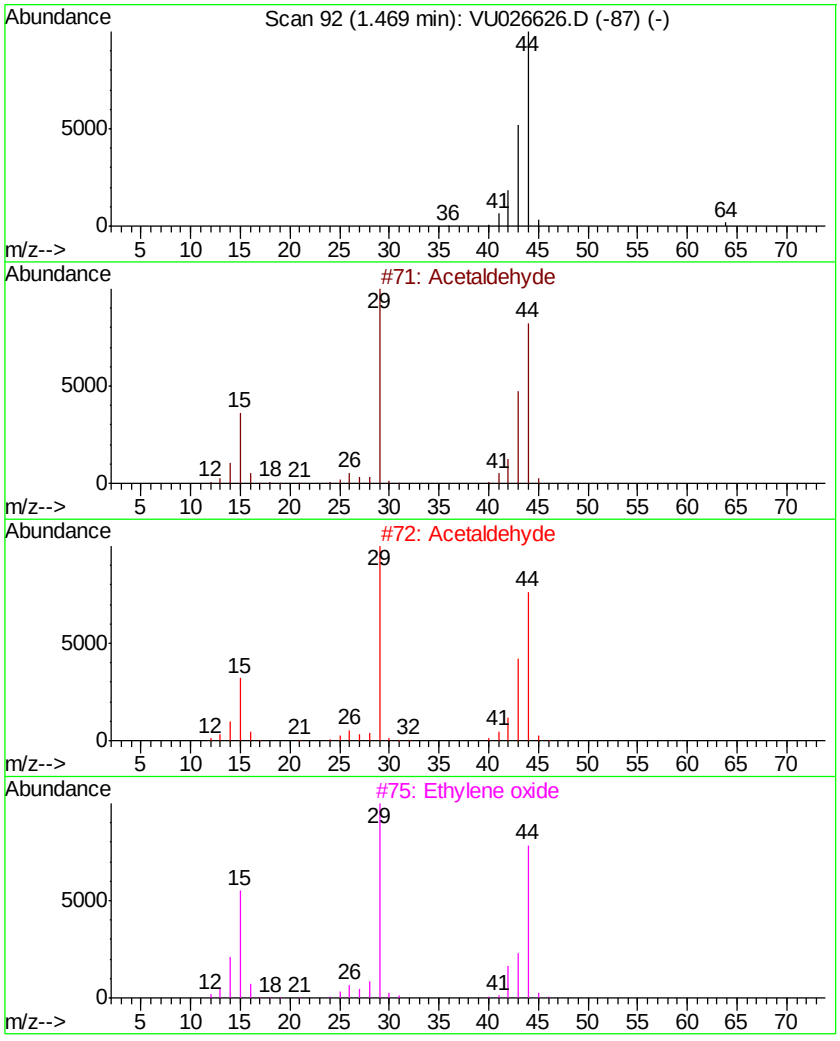
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

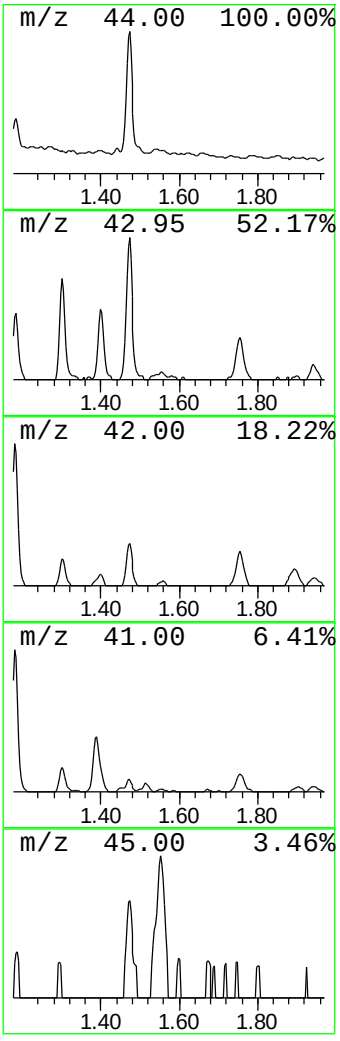
****

Peak Number 1 Acetaldehyde Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.47	2.74 ug/L	18112	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	Ethylene oxide	44	C2H4O	000075-21-8	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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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Acetaldehyde	1.47	2.7	ug/L	18112	1	5.89	330421	50.0