LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071318\
Data File : VU025395.D
Acq On : 13 Jul 2018 16:13
Operator : MD/SY
Sample : J3984-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB173

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\SOMULM062918WMA.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	0.863	82	85	89	rBV3	648	544	0.01%	0.003%
2	0.966	115	117	120	rBV2	630	497	0.01%	0.003%
3	1.085	145	154	168	rBV	2053280	2415412	39.93%	13.496%
4	1.400	245	252	263	rBV2	158238	178313	2.95%	0.996%
5	1.680	332	339	356	rVB	99045	131390	2.17%	0.734%
6	2.275	514	524	535	rBV	216943	330238	5.46%	1.845%
7	2.985	739	745	759	rVB	17652	31033	0.51%	0.173%
8	3.481	893	899	900	rBV5	795	836	0.01%	0.005%
9	3.661	953	955	960	rVB2	954	627	0.01%	0.004%
10	3.770	986	989	993	rVV4	906	734	0.01%	0.004%
11	3.802	997	999	1001	rVV2	935	444	0.01%	0.002%
12	3.924	1034	1037	1041	rBV4	545	438	0.01%	0.002%
13	3.995	1056	1059	1064	rVB6	835	566	0.01%	0.003%
14	4.034	1069	1071	1077	rVB4	956	986	0.02%	0.006%
15	4.063	1077	1080	1083	rBV2	625	566	0.01%	0.003%
16	4.104	1091	1093	1097	rBV3	797	550	0.01%	0.003%
17	4.230	1097	1132	1167	rBV	2374626	6049376	100.00%	33.801%
18	4.651	1246	1263	1285	rVB	181334	436434	7.21%	2.439%
19	4.760	1294	1297	1298	rBV3	771	440	0.01%	0.002%
20	4.837	1318	1321	1323	rBV2	786	587	0.01%	0.003%
21	4.940	1348	1353	1355	rBV3	606	539	0.01%	0.003%
22	4.982	1362	1366	1369	rBV5	1254	1250	0.02%	0.007%
23	5.127	1408	1411	1413	rBV2	654	464	0.01%	0.003%
24	5.201	1431	1434	1438	rBV3	726	535	0.01%	0.003%
25	5.342	1454	1478	1506	rBV2	352813	1064012	17.59%	5.945%
26	5.574	1546	1550	1551	rBV3	752	469	0.01%	0.003%
27	5.593	1553	1556	1563	rVB7	1349	1335	0.02%	0.007%
28	5.661	1575	1577	1582	rBV6	1034	883	0.01%	0.005%
29	5.696	1585	1588	1592	rVB4	855	642	0.01%	0.004%
30	5.718	1592	1595	1601	rBV5	630	743	0.01%	0.004%
31	5.889	1632	1648	1669	rBV2	364447	724932	11.98%	4.051%
32	6.188	1728	1741	1756	rBV2	75220	145564	2.41%	0.813%
33	6.333	1772	1786	1805	rBV	237329	481125	7.95%	2.688%
34	6.506	1838	1840	1846	rVB6	978	650	0.01%	0.004%

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB173

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\SOMULM062918WMA.M
Title : VOC Analysis

35	6.535	1846	1849	1855	rVB6	1085	1016	0.02%	0.006%
36	6.574	1855	1861	1862	rBV4	960	902	0.01%	0.005%
37	6.616	1865	1874	1888	rVB2	9128	16233	0.27%	0.091%
38	6.689	1893	1897	1898	rBV4	896	604	0.01%	0.003%
39	6.715	1903	1905	1909	rVB4	1508	862	0.01%	0.005%
40	6.780	1923	1925	1928	rBV4	653	482	0.01%	0.003%
41	6.841	1940	1944	1949	rVB7	1269	1390	0.02%	0.008%
42	6.956	1976	1980	1983	rBV2	658	524	0.01%	0.003%
43	7.034	2001	2004	2009	rVV6	1031	867	0.01%	0.005%
44	7.059	2009	2012	2017	rVB3	695	529	0.01%	0.003%
45	7.098	2021	2024	2026	rVB3	822	447	0.01%	0.002%
46	7.230	2051	2065	2081	rBV	137041	241975	4.00%	1.352%
47	7.352	2096	2103	2106	rBV6	1775	1955	0.03%	0.011%
48	7.423	2123	2125	2129	rVB4	797	467	0.01%	0.003%
49	7.445	2129	2132	2134	rBV2	1021	615	0.01%	0.003%
50	7.567	2158	2170	2199	rBV	489094	867656	14.34%	4.848%
51	7.770	2224	2233	2242	rBV3	5295	8777	0.15%	0.049%
52	7.850	2246	2258	2274	rBV	92015	155335	2.57%	0.868%
53	8.181	2352	2361	2364	rBV2	7721	11056	0.18%	0.062%
54	8.230	2365	2376	2390	rVV	443113	754071	12.47%	4.213%
55	8.310	2390	2401	2435	rVB	344815	617607	10.21%	3.451%
56	8.545	2468	2474	2476	rBV6	896	989	0.02%	0.006%
57	8.625	2495	2499	2502	rVB2	613	468	0.01%	0.003%
58	8.648	2504	2506	2512	rVB6	988	628	0.01%	0.004%
59	8.747	2534	2537	2539	rBV2	687	433	0.01%	0.002%
60	8.876	2572	2577	2583	rVB8	820	1149	0.02%	0.006%
61	8.905	2583	2586	2590	rBV3	983	560	0.01%	0.003%
62	8.982	2607	2610	2613	rVB3	1004	663	0.01%	0.004%
63	9.030	2620	2625	2627	rBV5	1207	1143	0.02%	0.006%
64	9.091	2632	2644	2675	rBV	501760	849058	14.04%	4.744%
65	9.249	2685	2693	2703	rBV3	3599	5645	0.09%	0.032%
66	9.381	2724	2734	2741	rBV2	12106	19881	0.33%	0.111%
67	9.783	2855	2859	2866	rVB5	4374	5324	0.09%	0.030%
68	9.895	2891	2894	2897	rBV2	724	542	0.01%	0.003%
69	10.120	2959	2964	2970	rBV6	934	1172	0.02%	0.007%
70	10.310	3020	3023	3027	rVB4	1479	999	0.02%	0.006%
71	10.435	3048	3062	3077	rBV	346722	553392	9.15%	3.092%

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ClientSampleId : DB173

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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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
Title : VOC Analysis

72	10.609	3106	3116	3127	rVB3	9332	15881	0.26%	0.089%
73	10.911	3204	3210	3214	rVV6	915	1052	0.02%	0.006%
74	11.088	3262	3265	3267	rBV2	826	613	0.01%	0.003%
75	11.185	3293	3295	3299	rBV3	558	479	0.01%	0.003%
76	11.419	3364	3368	3374	rBV5	472	613	0.01%	0.003%
77	11.487	3376	3389	3405	rVV	506945	801170	13.24%	4.476%
78	11.567	3409	3414	3422	rVB6	2132	3375	0.06%	0.019%
79	11.811	3488	3490	3493	rVV2	867	605	0.01%	0.003%
80	11.863	3493	3506	3527	rVB	514829	819686	13.55%	4.580%
81	12.197	3602	3610	3616	rBV7	1495	2430	0.04%	0.014%
82	12.435	3681	3684	3687	rBV4	768	523	0.01%	0.003%
83	12.483	3690	3699	3708	rVB	8677	13899	0.23%	0.078%
84	12.567	3715	3725	3737	rBV2	37529	58753	0.97%	0.328%
85	12.689	3760	3763	3765	rBV3	1000	612	0.01%	0.003%
86	12.853	3812	3814	3821	rBV4	622	515	0.01%	0.003%
87	13.053	3869	3876	3890	rVB10	5267	8982	0.15%	0.050%
88	13.104	3890	3892	3894	rBV3	980	529	0.01%	0.003%
89	13.188	3915	3918	3926	rBV7	884	1141	0.02%	0.006%
90	13.281	3943	3947	3949	rBV3	782	567	0.01%	0.003%
91	13.342	3953	3966	3971	rBV10	10150	24884	0.41%	0.139%
92	13.808	4107	4111	4115	rBV5	890	838	0.01%	0.005%
93	13.885	4132	4135	4139	rVB4	822	539	0.01%	0.003%
94	13.927	4145	4148	4150	rBV3	890	579	0.01%	0.003%
95	14.008	4169	4173	4175	rBV3	1032	757	0.01%	0.004%
96	14.036	4178	4182	4185	rVV5	1170	939	0.02%	0.005%
97	14.281	4251	4258	4265	rVB2	4662	6807	0.11%	0.038%
98	14.438	4304	4307	4309	rBV4	1025	495	0.01%	0.003%
99	14.557	4342	4344	4346	rBV3	750	520	0.01%	0.003%
100	14.596	4352	4356	4361	rBV4	789	916	0.02%	0.005%

Sum of corrected areas: 17897269

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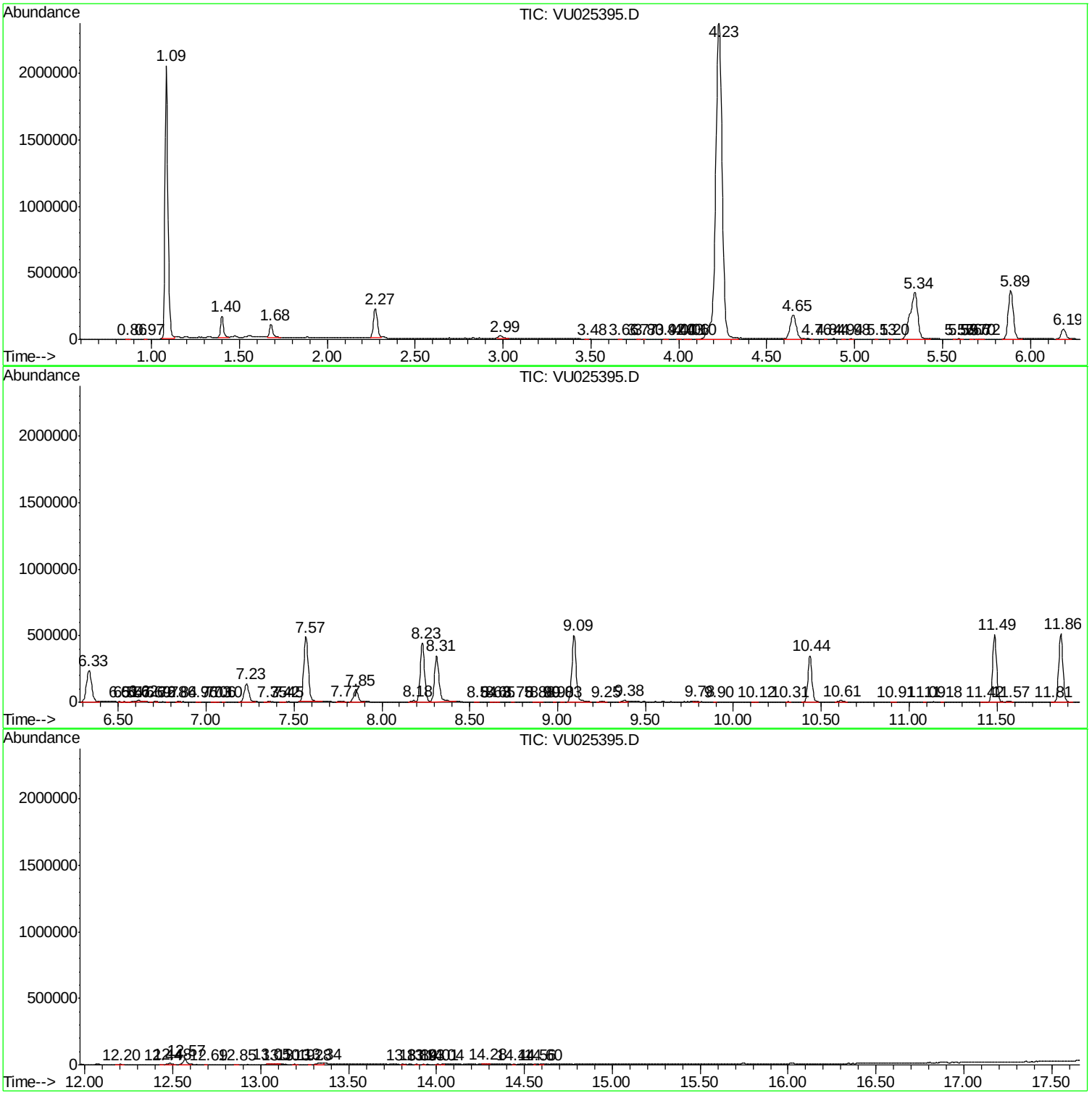
DB173

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

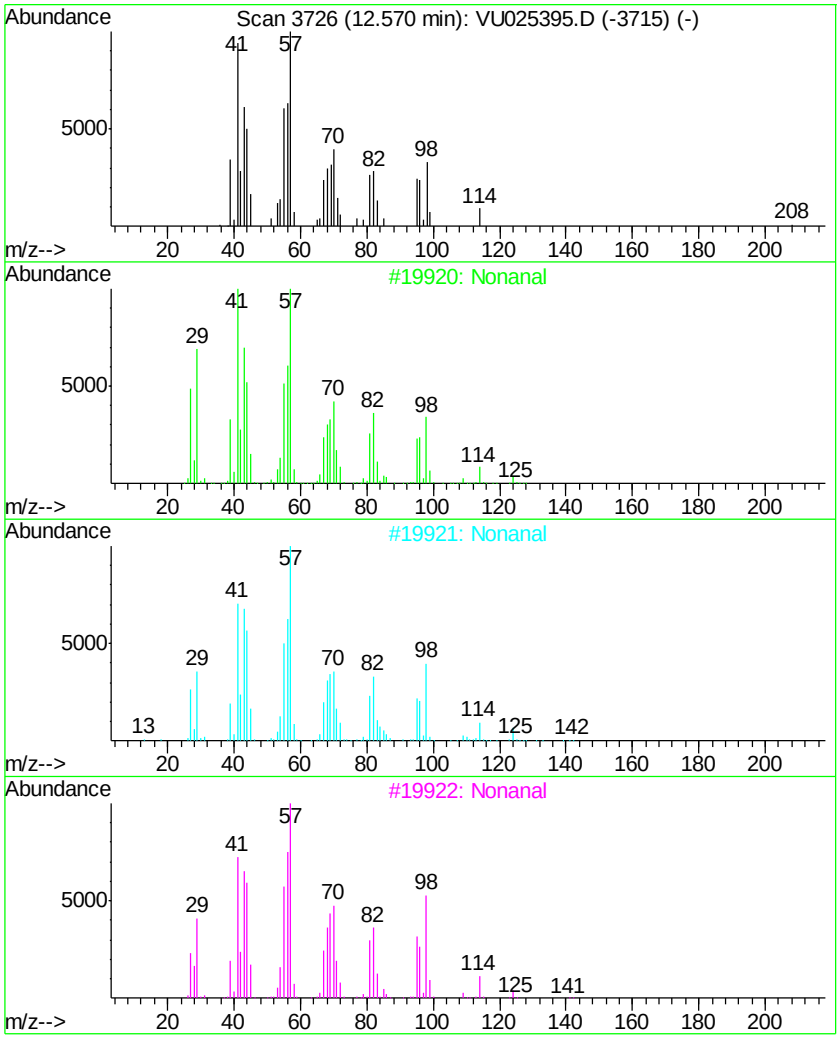
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

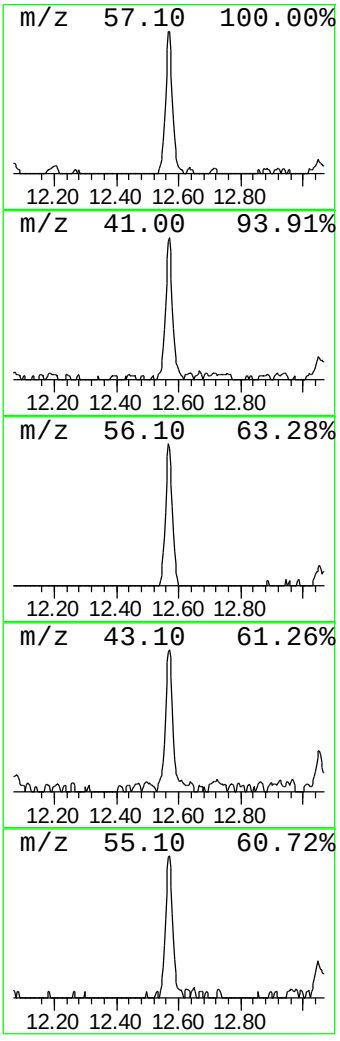
****

Peak Number 3 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	3.67 ug/L	58753	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	91
2	Nonanal	142	C9H18O	000124-19-6	91
3	Nonanal	142	C9H18O	000124-19-6	91
4	Nonanal	142	C9H18O	000124-19-6	83
5	Cycloheptane	98	C7H14	000291-64-5	35





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
Nonanal	12.57	3.7	ug/L	58753	3	11.49	801170	50.0