LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU071318\
Data File : VU025399.D
Acq On : 13 Jul 2018 18:18
Operator : MD/SY
Sample : J3984-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB179

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	0.638	12	15	23	rBV5	547	620	0.03%	0.006%
2	0.738	43	46	49	rBV4	682	608	0.03%	0.006%
3	0.886	88	92	95	rBV6	850	759	0.03%	0.007%
4	1.085	141	154	173	rBV	1974713	2271724	100.00%	20.747%
5	1.400	245	252	266	rBV	114006	125646	5.53%	1.148%
6	1.680	332	339	354	rVB	92215	122101	5.37%	1.115%
7	2.272	514	523	535	rVB	221027	333891	14.70%	3.049%
8	2.481	582	588	600	rVB2	4094	6637	0.29%	0.061%
9	2.918	721	724	726	rBV3	747	533	0.02%	0.005%
10	2.982	742	744	748	rBV3	1215	926	0.04%	0.008%
11	3.079	770	774	777	rBV3	735	620	0.03%	0.006%
12	3.146	792	795	797	rBV4	634	441	0.02%	0.004%
13	3.333	850	853	857	rVB3	1011	695	0.03%	0.006%
14	3.355	857	860	866	rBV5	1093	1526	0.07%	0.014%
15	3.683	956	962	965	rBV4	682	766	0.03%	0.007%
16	3.770	987	989	992	rBV4	602	439	0.02%	0.004%
17	3.905	1028	1031	1034	rVB4	833	565	0.02%	0.005%
18	4.172	1097	1114	1146	rBV	97704	281899	12.41%	2.575%
19	4.574	1235	1239	1242	rVV6	804	738	0.03%	0.007%
20	4.651	1247	1263	1283	rVB	184115	422293	18.59%	3.857%
21	4.863	1325	1329	1332	rBV3	521	486	0.02%	0.004%
22	4.879	1332	1334	1336	rBV3	669	434	0.02%	0.004%
23	4.982	1361	1366	1372	rBV7	1100	1369	0.06%	0.013%
24	5.021	1375	1378	1380	rVB2	820	434	0.02%	0.004%
25	5.217	1434	1439	1443	rBV3	501	509	0.02%	0.005%
26	5.342	1452	1478	1512	rBV2	352420	1075662	47.35%	9.824%
27	5.596	1554	1557	1559	rBV3	1033	697	0.03%	0.006%
28	5.670	1577	1580	1584	rVB4	618	485	0.02%	0.004%
29	5.789	1612	1617	1621	rVB3	777	657	0.03%	0.006%
30	5.889	1632	1648	1667	rBV	382897	752210	33.11%	6.870%
31	6.021	1687	1689	1692	rVB4	1097	459	0.02%	0.004%
32	6.188	1737	1741	1742	rBV3	920	601	0.03%	0.005%
33	6.281	1764	1770	1771	rBV4	834	670	0.03%	0.006%
34	6.333	1771	1786	1804	rVV	238697	481402	21.19%	4.397%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB179

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	6.615	1866	1874	1879	rBV5	4211	7086	0.31%	0.065%
36	6.902	1959	1963	1966	rBV4	528	428	0.02%	0.004%
37	6.918	1966	1968	1972	rVV5	626	439	0.02%	0.004%
38	7.140	2035	2037	2040	rVB3	935	497	0.02%	0.005%
39	7.165	2040	2045	2049	rBV4	550	486	0.02%	0.004%
40	7.230	2053	2065	2080	rBV	135591	235360	10.36%	2.149%
41	7.352	2099	2103	2105	rBV2	801	698	0.03%	0.006%
42	7.403	2116	2119	2124	rBV5	570	590	0.03%	0.005%
43	7.471	2137	2140	2148	rVB5	821	900	0.04%	0.008%
44	7.519	2148	2155	2157	rBV5	806	792	0.03%	0.007%
45	7.567	2157	2170	2189	rBV	485895	863280	38.00%	7.884%
46	7.738	2221	2223	2226	rVB3	894	591	0.03%	0.005%
47	7.850	2245	2258	2274	rBV	93043	157936	6.95%	1.442%
48	7.940	2284	2286	2291	rVB5	894	655	0.03%	0.006%
49	8.185	2353	2362	2373	rVB3	4941	9663	0.43%	0.088%
50	8.310	2389	2401	2436	rBV	320808	597739	26.31%	5.459%
51	8.467	2448	2450	2455	rVB3	1725	1283	0.06%	0.012%
52	8.503	2455	2461	2465	rBV4	1331	1320	0.06%	0.012%
53	8.625	2493	2499	2502	rBV6	877	992	0.04%	0.009%
54	8.667	2509	2512	2516	rVB4	1084	823	0.04%	0.008%
55	8.696	2516	2521	2522	rBV3	988	746	0.03%	0.007%
56	8.840	2563	2566	2570	rVV4	581	495	0.02%	0.005%
57	8.908	2583	2587	2591	rBV5	828	733	0.03%	0.007%
58	9.091	2630	2644	2679	rVB	516995	885779	38.99%	8.090%
59	9.252	2689	2694	2698	rBV5	880	754	0.03%	0.007%
60	9.374	2728	2732	2733	rBV3	1886	1140	0.05%	0.010%
61	9.422	2740	2747	2750	rBV6	1624	1953	0.09%	0.018%
62	9.519	2774	2777	2781	rVB2	1059	686	0.03%	0.006%
63	9.545	2782	2785	2787	rBV3	727	515	0.02%	0.005%
64	9.570	2790	2793	2796	rBV	714	575	0.03%	0.005%
65	9.747	2844	2848	2849	rBV2	1030	650	0.03%	0.006%
66	9.876	2882	2888	2889	rBV3	537	518	0.02%	0.005%
67	9.914	2897	2900	2903	rBV4	738	427	0.02%	0.004%
68	10.435	3049	3062	3078	rBV	338569	559943	24.65%	5.114%
69	10.612	3108	3117	3125	rBV2	7693	12037	0.53%	0.110%
70	10.667	3131	3134	3140	rVB7	904	835	0.04%	0.008%
71	10.921	3209	3213	3219	rBV4	392	495	0.02%	0.005%

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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB179

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

72	11.136	3274	3280	3284	rBV5	945	1065	0.05%	0.010%
73	11.162	3284	3288	3291	rVB4	600	523	0.02%	0.005%
74	11.271	3318	3322	3329	rVB5	463	577	0.03%	0.005%
75	11.487	3376	3389	3409	rVV	521788	817172	35.97%	7.463%
76	11.754	3470	3472	3478	rVB3	633	579	0.03%	0.005%
77	11.815	3485	3491	3493	rBV4	1149	964	0.04%	0.009%
78	11.863	3493	3506	3524	rVV	497943	796799	35.07%	7.277%
79	12.072	3562	3571	3581	rVB9	2040	3604	0.16%	0.033%
80	12.413	3673	3677	3680	rBV5	569	448	0.02%	0.004%
81	12.480	3691	3698	3708	rVB4	3786	6783	0.30%	0.062%
82	12.570	3708	3726	3738	rBV3	33916	53470	2.35%	0.488%
83	12.654	3750	3752	3757	rBV4	745	659	0.03%	0.006%
84	12.766	3784	3787	3792	rBV5	557	624	0.03%	0.006%
85	13.004	3858	3861	3865	rBV3	728	487	0.02%	0.004%
86	13.049	3870	3875	3882	rBV7	2367	3257	0.14%	0.030%
87	13.168	3909	3912	3918	rBV4	696	606	0.03%	0.006%
88	13.210	3922	3925	3930	rBV5	611	456	0.02%	0.004%
89	13.332	3954	3963	3966	rBV8	6159	9643	0.42%	0.088%
90	13.843	4118	4122	4126	rVB6	1008	842	0.04%	0.008%
91	13.866	4126	4129	4131	rVB3	994	521	0.02%	0.005%
92	13.885	4131	4135	4141	rVB5	1472	1440	0.06%	0.013%
93	13.950	4152	4155	4157	rBV3	997	739	0.03%	0.007%
94	14.274	4250	4256	4257	rBV3	2211	1766	0.08%	0.016%
95	14.364	4280	4284	4286	rBV3	867	569	0.03%	0.005%
96	14.429	4302	4304	4309	rVB3	1073	679	0.03%	0.006%
97	14.454	4309	4312	4314	rBV3	806	487	0.02%	0.004%
98	14.467	4314	4316	4318	rBV3	760	452	0.02%	0.004%
99	14.509	4327	4329	4332	rBV4	1334	972	0.04%	0.009%
100	15.236	4550	4555	4560	rBV7	2896	4007	0.18%	0.037%

Sum of corrected areas: 10949531

LSC Report - Integrated Chromatogram

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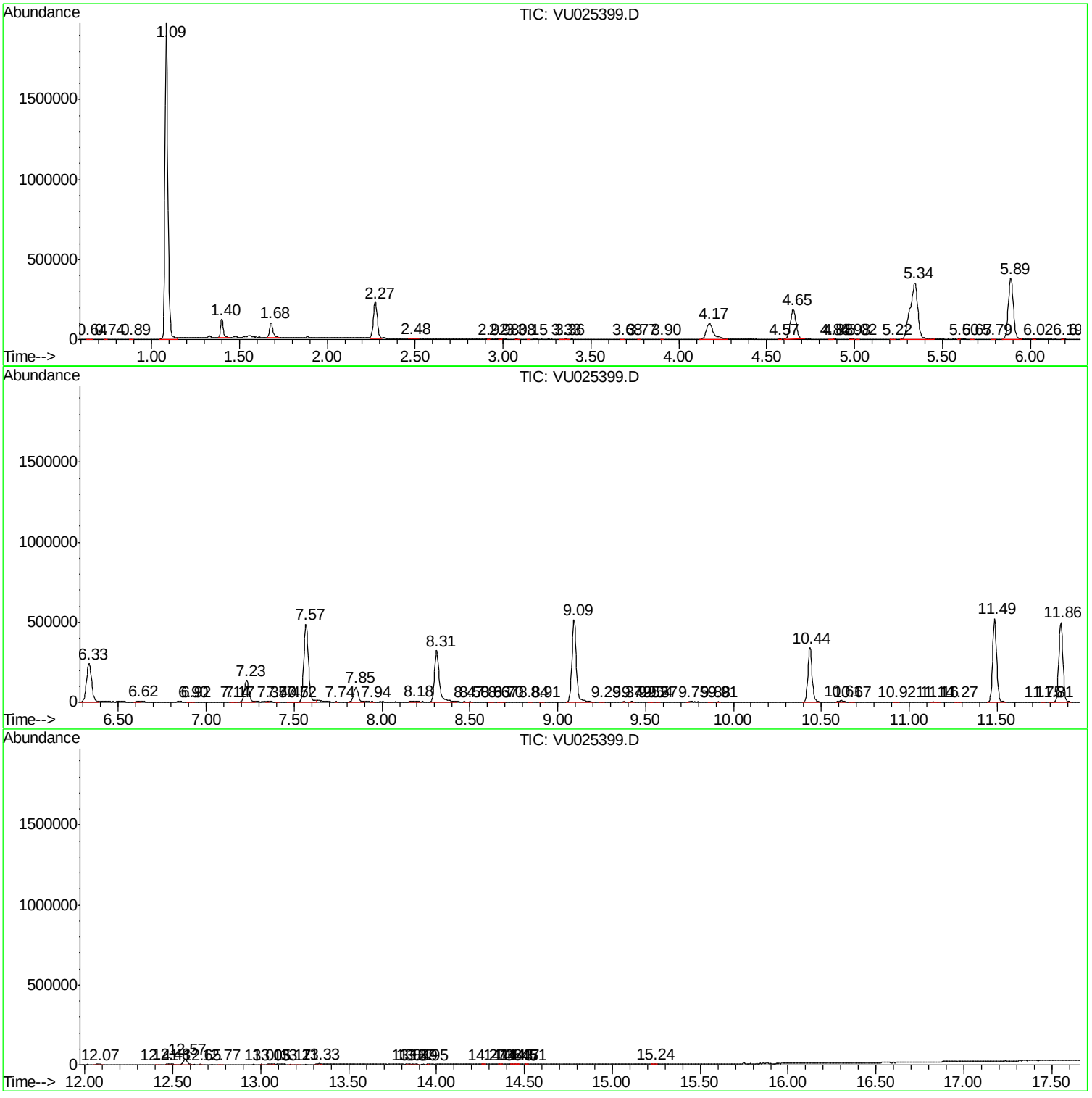
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB179

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU071318\
Data File : VU025399.D
Acq On : 13 Jul 2018 18:18
Operator : MD/SY
Sample : J3984-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB179

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

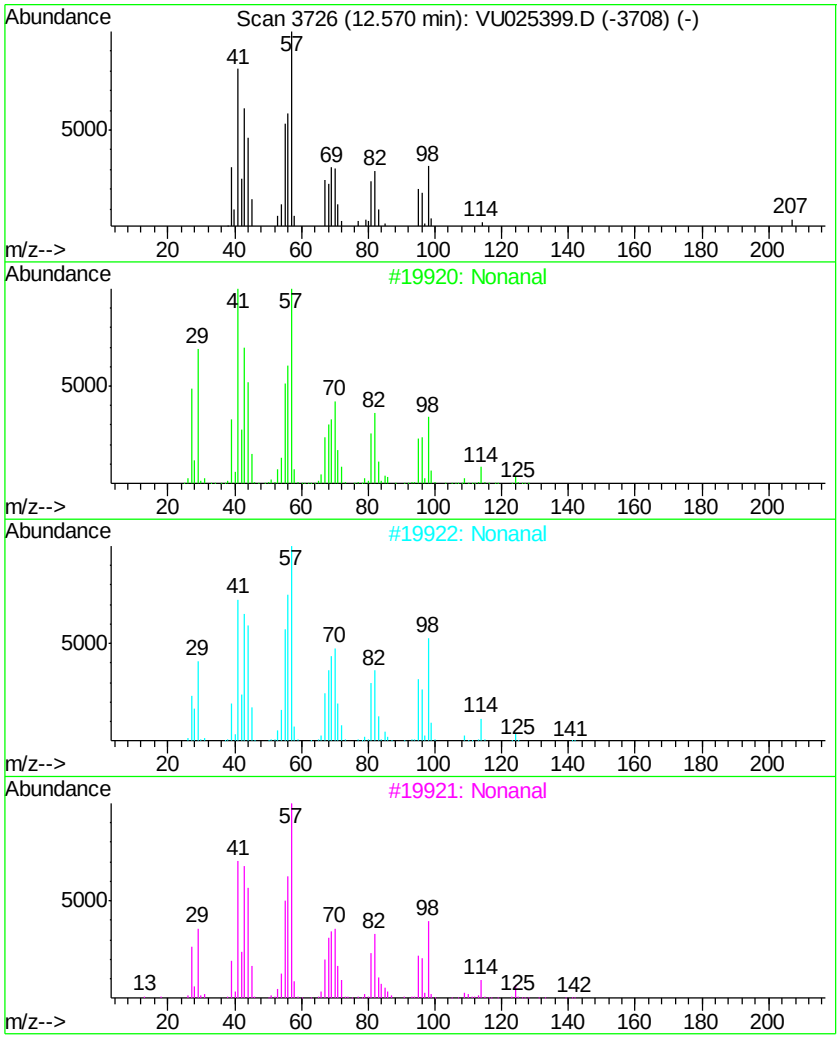
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

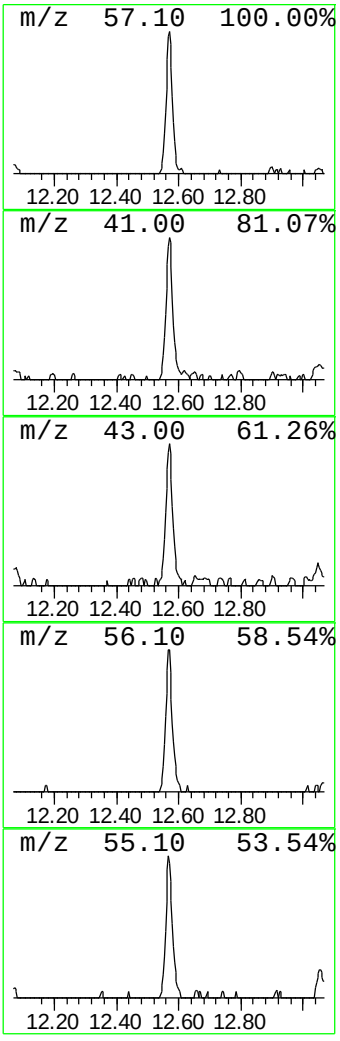
****

Peak Number 3 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	3.27 ug/L	53470	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	78
3	Nonanal	142	C9H18O	000124-19-6	78
4	Nonanal	142	C9H18O	000124-19-6	59
5	6-Hepten-1-ol, 3-methyl-	128	C8H16O	004048-32-2	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	3.3	ug/L	53470	3	11.49	817172	50.0