LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
Data File : VW011283.D
Acq On : 16 Jul 2019 13:57
Operator : SY/VA
Sample : K3755-08
Misc : 4.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB913

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_W\METHOD\SOM2WLM070219S.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	1.959	6	9	16	rVB3	3919	7280	0.72%	0.093%
2	2.154	36	41	49	rBV7	5205	13660	1.35%	0.175%
3	2.349	67	73	84	rVB	57839	105302	10.44%	1.352%
4	2.885	154	161	171	rBV	37662	94583	9.38%	1.214%
5	3.471	253	257	258	rBV4	403	536	0.05%	0.007%
6	3.532	265	267	273	rBV5	461	893	0.09%	0.011%
7	3.672	287	290	297	rBV7	786	1518	0.15%	0.019%
8	3.824	311	315	316	rBV2	444	470	0.05%	0.006%
9	3.849	316	319	320	rBV3	1039	1248	0.12%	0.016%
10	4.013	334	346	362	rBV	97192	323172	32.04%	4.150%
11	4.391	402	408	412	rBV5	1061	2663	0.26%	0.034%
12	4.458	416	419	422	rVB3	640	728	0.07%	0.009%
13	4.507	422	427	428	rBV3	465	672	0.07%	0.009%
14	4.684	452	456	462	rVB3	475	733	0.07%	0.009%
15	4.806	472	476	478	rBV3	462	575	0.06%	0.007%
16	4.824	478	479	483	rBV3	442	470	0.05%	0.006%
17	4.903	483	492	493	rBV3	4941	7958	0.79%	0.102%
18	5.159	529	534	538	rBV5	422	649	0.06%	0.008%
19	5.361	562	567	571	rBV4	335	580	0.06%	0.007%
20	5.415	571	576	579	rBV2	300	567	0.06%	0.007%
21	5.800	635	639	641	rBV4	333	478	0.05%	0.006%
22	5.934	652	661	670	rVB5	4245	13379	1.33%	0.172%
23	6.409	735	739	743	rBV3	292	583	0.06%	0.007%
24	6.726	788	791	793	rBV2	463	472	0.05%	0.006%
25	6.769	793	798	799	rBV2	305	484	0.05%	0.006%
26	6.909	812	821	825	rBV6	1310	3461	0.34%	0.044%
27	6.946	825	827	830	rVB2	627	577	0.06%	0.007%
28	7.074	838	848	860	rBV	43936	132226	13.11%	1.698%
29	7.318	886	888	892	rVB2	365	543	0.05%	0.007%
30	7.385	896	899	901	rBV3	636	790	0.08%	0.010%
31	7.647	930	942	955	rVV	164896	410642	40.71%	5.273%
32	7.903	982	984	986	rVV2	506	477	0.05%	0.006%
33	7.945	986	991	993	rVV4	480	755	0.07%	0.010%
34	8.073	1007	1012	1016	rBV3	468	792	0.08%	0.010%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB913

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_W\METHOD\SOM2WLM070219S.M
Title : VOC Analysis

35	8.128	1019	1021	1027	rBV2	417	909	0.09%	0.012%
36	8.195	1030	1032	1035	rBV3	399	510	0.05%	0.007%
37	8.275	1035	1045	1061	rBV2	335312	1008743	100.00%	12.953%
38	8.622	1100	1102	1103	rBV2	679	540	0.05%	0.007%
39	8.689	1110	1113	1114	rBV2	826	684	0.07%	0.009%
40	8.842	1129	1138	1149	rBV	376572	744807	73.84%	9.564%
41	9.043	1167	1171	1172	rVV3	958	1229	0.12%	0.016%
42	9.079	1172	1177	1183	rVB8	3831	8592	0.85%	0.110%
43	9.134	1183	1186	1192	rBV4	670	916	0.09%	0.012%
44	9.274	1198	1209	1219	rBV	246365	503062	49.87%	6.459%
45	9.500	1243	1246	1251	rBV3	826	1535	0.15%	0.020%
46	9.665	1266	1273	1278	rBV5	2447	5884	0.58%	0.076%
47	10.037	1325	1334	1344	rBV	120568	224762	22.28%	2.886%
48	10.238	1365	1367	1368	rVB2	764	462	0.05%	0.006%
49	10.323	1372	1381	1389	rBV	458259	798608	79.17%	10.254%
50	10.439	1397	1400	1402	rBV2	1125	1345	0.13%	0.017%
51	10.579	1416	1423	1433	rVB	81250	141487	14.03%	1.817%
52	10.701	1438	1443	1450	rBV2	4561	8132	0.81%	0.104%
53	10.811	1450	1461	1470	rBV7	5855	27534	2.73%	0.354%
54	10.927	1473	1480	1498	rVV	155570	284919	28.24%	3.658%
55	11.073	1500	1504	1513	rVB5	5805	11096	1.10%	0.142%
56	11.628	1588	1595	1608	rVB	505789	880121	87.25%	11.301%
57	11.841	1626	1630	1634	rVB5	2718	4775	0.47%	0.061%
58	12.176	1680	1685	1691	rVB6	2361	5042	0.50%	0.065%
59	12.243	1693	1696	1698	rBV4	709	796	0.08%	0.010%
60	12.268	1698	1700	1706	rVB4	892	1368	0.14%	0.018%
61	12.341	1706	1712	1719	rVB7	1747	3953	0.39%	0.051%
62	12.396	1719	1721	1725	rBV2	556	789	0.08%	0.010%
63	12.469	1728	1733	1736	rBV5	1295	2062	0.20%	0.026%
64	12.603	1748	1755	1762	rVB4	7320	16396	1.63%	0.211%
65	12.695	1762	1770	1777	rBV	198451	329467	32.66%	4.230%
66	12.865	1795	1798	1800	rBV3	549	571	0.06%	0.007%
67	12.902	1803	1804	1807	rBV2	550	578	0.06%	0.007%
68	12.932	1807	1809	1811	rBV	1309	917	0.09%	0.012%
69	13.091	1831	1835	1838	rBV4	691	1336	0.13%	0.017%
70	13.115	1838	1839	1842	rVB3	840	650	0.06%	0.008%
71	13.195	1844	1852	1857	rVB7	1390	3123	0.31%	0.040%

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Instrument : MSVOA_W
ClientSampleId : DB913

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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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Title : VOC Analysis

72	13.249	1857	1861	1865	rBV5	976	1806	0.18%	0.023%
73	13.298	1867	1869	1875	rVB5	1530	2076	0.21%	0.027%
74	13.402	1879	1886	1893	rBV4	6109	11753	1.17%	0.151%
75	13.481	1895	1899	1901	rBV4	641	889	0.09%	0.011%
76	13.505	1901	1903	1905	rVV3	497	491	0.05%	0.006%
77	13.560	1905	1912	1923	rVV	514876	812109	80.51%	10.428%
78	13.652	1924	1927	1931	rVB3	2968	3662	0.36%	0.047%
79	13.774	1943	1947	1949	rVV3	844	1110	0.11%	0.014%
80	13.853	1953	1960	1971	rBV	415852	681129	67.52%	8.746%
81	13.963	1976	1978	1981	rVB3	685	660	0.07%	0.008%
82	14.072	1991	1996	2003	rVB2	4853	7619	0.76%	0.098%
83	14.328	2031	2038	2051	rBV	43639	69398	6.88%	0.891%
84	14.530	2066	2071	2080	rVB	4791	8144	0.81%	0.105%
85	14.627	2085	2087	2093	rVB5	1368	1611	0.16%	0.021%
86	14.682	2093	2096	2097	rBV3	609	509	0.05%	0.007%
87	14.725	2101	2103	2110	rBV6	861	1042	0.10%	0.013%
88	14.871	2123	2127	2128	rBV3	816	652	0.06%	0.008%
89	15.078	2159	2161	2166	rBV3	367	590	0.06%	0.008%
90	15.188	2175	2179	2185	rBV5	1556	2537	0.25%	0.033%
91	15.261	2187	2191	2192	rBV2	676	602	0.06%	0.008%
92	15.304	2196	2198	2200	rBV3	418	469	0.05%	0.006%
93	15.377	2208	2210	2212	rBV3	744	783	0.08%	0.010%
94	15.444	2215	2221	2225	rVV2	7103	11032	1.09%	0.142%
95	15.499	2225	2230	2236	rVB	2477	4833	0.48%	0.062%
96	15.603	2245	2247	2250	rVB3	1028	1069	0.11%	0.014%
97	15.798	2277	2279	2284	rBV4	926	1422	0.14%	0.018%
98	15.853	2285	2288	2290	rBV3	859	824	0.08%	0.011%
99	16.188	2341	2343	2346	rVB4	601	549	0.05%	0.007%
100	16.676	2421	2423	2427	rBV3	687	995	0.10%	0.013%

Sum of corrected areas: 7787981

LSC Report - Integrated Chromatogram

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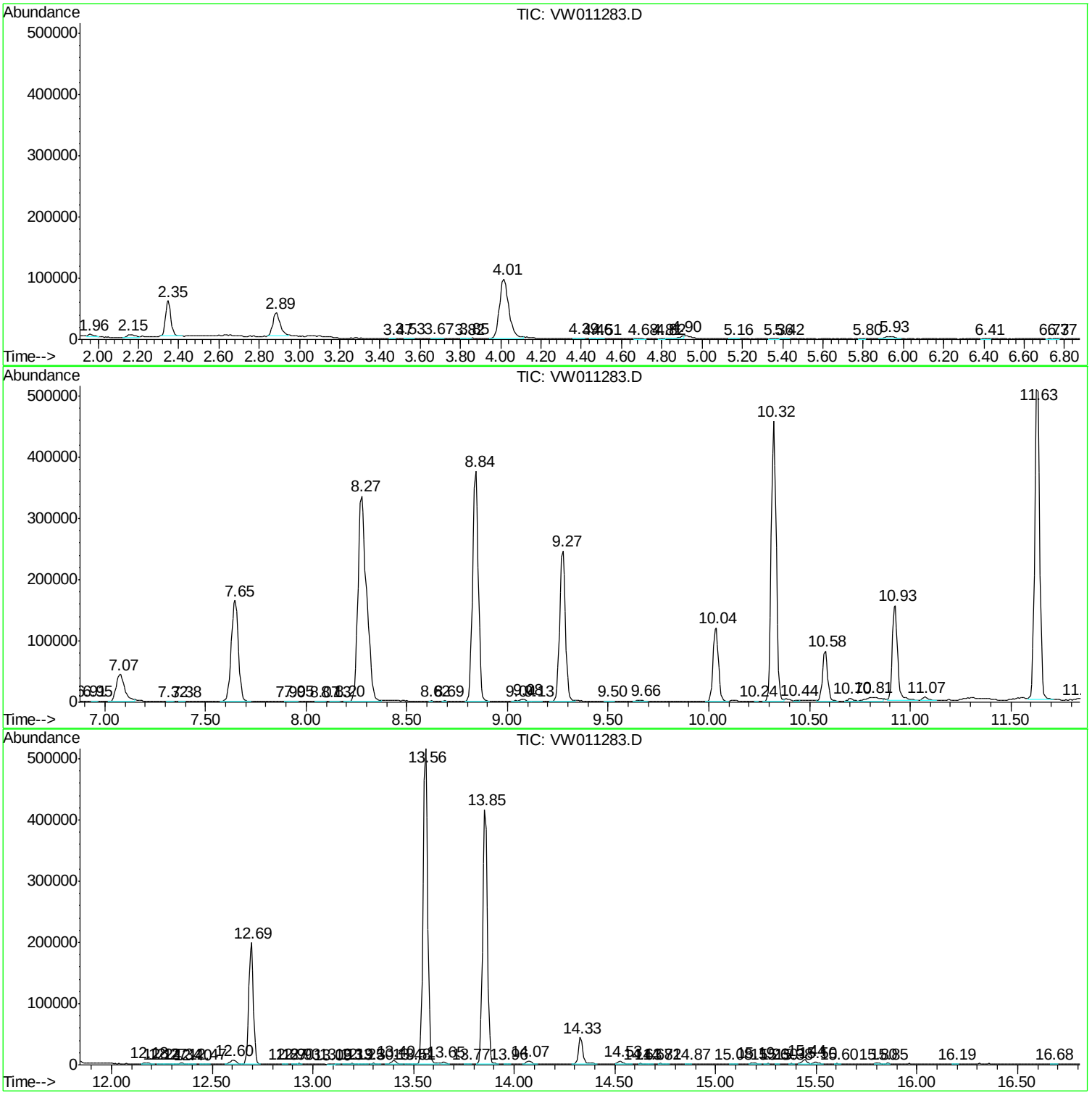
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB913

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.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_W\DATA\VW071619\
Data File : VW011283.D
Acq On : 16 Jul 2019 13:57
Operator : SY/VA
Sample : K3755-08
Misc : 4.13G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB913

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

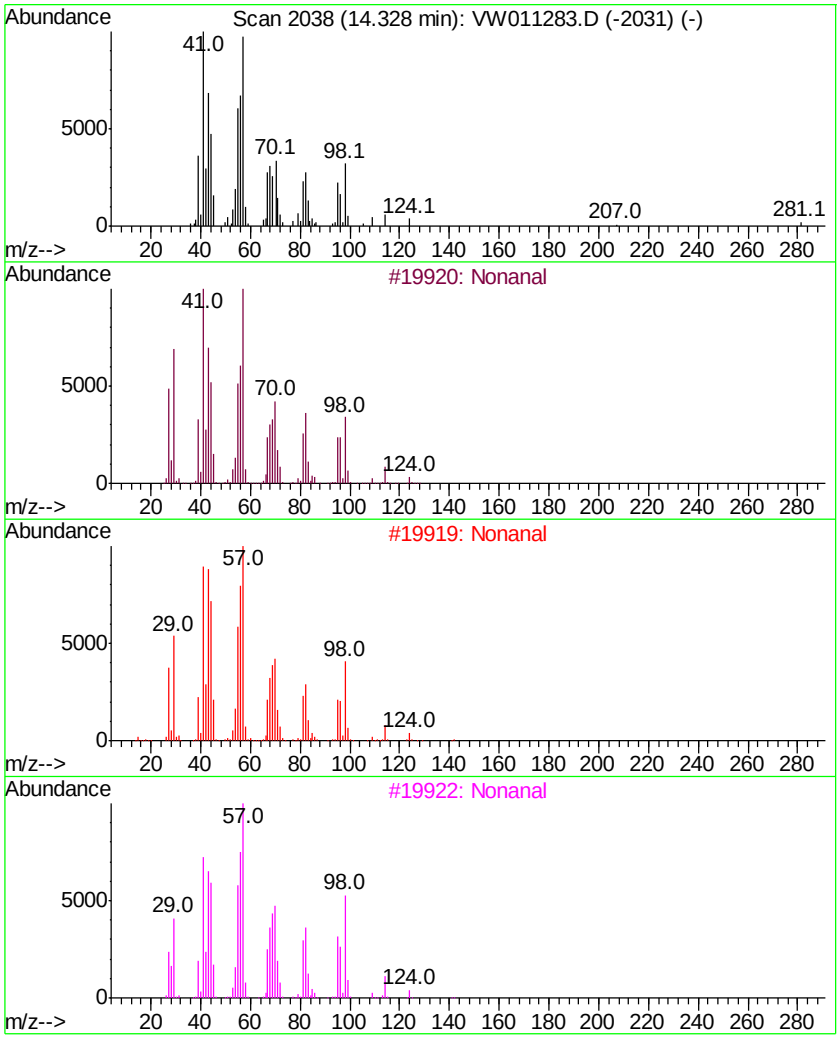
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

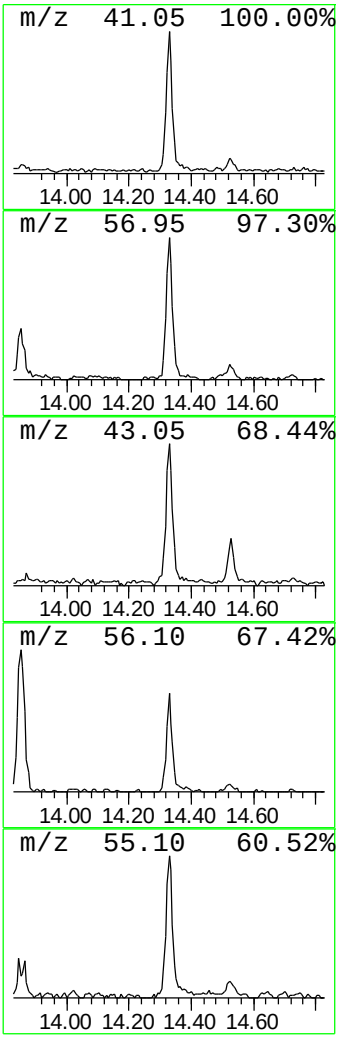
****

Peak Number 2 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	2.14 ug/L	69398	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	90
2	Nonanal	142	C9H18O	000124-19-6	86
3	Nonanal	142	C9H18O	000124-19-6	83
4	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	43
5	2-Hepten-1-ol, (E)-	114	C7H14O	033467-76-4	41





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	14.33	2.1	ug/L	69398	3	13.56	812109	25.0