LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
Data File : VW011282.D
Acq On : 16 Jul 2019 13:30
Operator : SY/VA
Sample : K3755-03
Misc : 4.31G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB910

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	2.160	37	42	50	rBV5	4413	12932	1.23%	0.156%
2	2.349	67	73	82	rVB	59056	107919	10.25%	1.305%
3	2.879	153	160	179	rVB	40801	109199	10.37%	1.321%
4	3.477	256	258	261	rBV4	566	541	0.05%	0.007%
5	3.562	270	272	273	rVV	709	493	0.05%	0.006%
6	3.672	285	290	296	rBV5	958	1991	0.19%	0.024%
7	3.824	310	315	316	rBV3	677	823	0.08%	0.010%
8	3.855	316	320	321	rBV4	875	1088	0.10%	0.013%
9	4.013	335	346	363	rBV2	100843	337383	32.04%	4.081%
10	4.251	381	385	388	rVB2	360	600	0.06%	0.007%
11	4.342	396	400	401	rBV2	510	488	0.05%	0.006%
12	4.403	403	410	416	rVV5	681	1990	0.19%	0.024%
13	4.470	420	421	425	rVB3	504	557	0.05%	0.007%
14	4.513	425	428	431	rBV2	457	536	0.05%	0.006%
15	4.562	433	436	439	rBV2	389	533	0.05%	0.006%
16	4.623	444	446	450	rVB4	337	484	0.05%	0.006%
17	4.775	467	471	476	rBV4	364	612	0.06%	0.007%
18	4.915	483	494	503	rBV3	5600	21020	2.00%	0.254%
19	5.373	566	569	571	rBV3	537	615	0.06%	0.007%
20	5.562	597	600	604	rBV2	362	479	0.05%	0.006%
21	5.635	610	612	618	rVB2	437	514	0.05%	0.006%
22	5.933	650	661	672	rBV4	4528	14529	1.38%	0.176%
23	6.086	682	686	688	rBV	650	651	0.06%	0.008%
24	6.116	688	691	693	rBV2	675	746	0.07%	0.009%
25	6.238	707	711	713	rVB3	398	543	0.05%	0.007%
26	6.269	713	716	718	rBV2	404	511	0.05%	0.006%
27	6.403	737	738	742	rVB2	467	474	0.05%	0.006%
28	6.665	779	781	786	rVB	406	503	0.05%	0.006%
29	6.714	786	789	793	rBV2	402	540	0.05%	0.007%
30	6.903	814	820	827	rBV6	1221	3485	0.33%	0.042%
31	7.074	839	848	871	rBV	46834	148099	14.06%	1.792%
32	7.366	894	896	898	rBV3	502	529	0.05%	0.006%
33	7.647	932	942	954	rVB	169750	421470	40.02%	5.098%
34	7.805	965	968	972	rVB3	566	811	0.08%	0.010%

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Misc : 4.31G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB910

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

35	7.884	976	981	982	rBV3	344	517	0.05%	0.006%
36	7.939	986	990	998	rVB4	1471	3107	0.30%	0.038%
37	8.153	1023	1025	1031	rBV4	428	611	0.06%	0.007%
38	8.275	1034	1045	1061	rBV2	352498	1053046	100.00%	12.739%
39	8.512	1082	1084	1094	rVV6	636	1541	0.15%	0.019%
40	8.598	1096	1098	1099	rVV2	724	546	0.05%	0.007%
41	8.628	1099	1103	1106	rVV5	1143	1913	0.18%	0.023%
42	8.689	1109	1113	1122	rVB5	1348	3044	0.29%	0.037%
43	8.841	1129	1138	1147	rBV	409936	807621	76.69%	9.770%
44	8.933	1151	1153	1156	rVV3	686	592	0.06%	0.007%
45	9.043	1164	1171	1172	rBV5	1642	3087	0.29%	0.037%
46	9.073	1172	1176	1182	rVB7	3167	7099	0.67%	0.086%
47	9.274	1200	1209	1221	rBV	258393	523236	49.69%	6.330%
48	9.408	1227	1231	1237	rVB5	1298	2472	0.23%	0.030%
49	9.500	1244	1246	1249	rVV3	612	522	0.05%	0.006%
50	9.665	1266	1273	1279	rVV4	2435	5525	0.52%	0.067%
51	9.799	1290	1295	1296	rBV4	657	797	0.08%	0.010%
52	10.036	1325	1334	1343	rVV	125126	232913	22.12%	2.818%
53	10.122	1343	1348	1355	rVB8	1613	4044	0.38%	0.049%
54	10.323	1373	1381	1389	rBV	475064	825369	78.38%	9.984%
55	10.579	1415	1423	1434	rVB	83168	149772	14.22%	1.812%
56	10.707	1438	1444	1450	rBV3	5838	10629	1.01%	0.129%
57	10.798	1450	1459	1460	rBV5	4275	8274	0.79%	0.100%
58	10.926	1473	1480	1497	rVB	165438	293818	27.90%	3.554%
59	11.073	1499	1504	1516	rVB5	6954	13305	1.26%	0.161%
60	11.628	1588	1595	1618	rVB	560556	978971	92.97%	11.843%
61	11.786	1618	1621	1622	rBV3	939	1200	0.11%	0.015%
62	12.036	1660	1662	1666	rVB2	759	622	0.06%	0.008%
63	12.158	1679	1682	1684	rBV3	1547	1972	0.19%	0.024%
64	12.341	1708	1712	1717	rVB4	1856	3389	0.32%	0.041%
65	12.469	1729	1733	1737	rBV4	1137	1838	0.17%	0.022%
66	12.505	1737	1739	1742	rVB2	694	515	0.05%	0.006%
67	12.603	1749	1755	1761	rVB3	8202	16968	1.61%	0.205%
68	12.694	1761	1770	1777	rBV	208726	349527	33.19%	4.228%
69	12.786	1784	1785	1790	rVB3	797	1036	0.10%	0.013%
70	12.865	1794	1798	1801	rBV2	783	1312	0.12%	0.016%
71	12.896	1801	1803	1805	rVV3	889	873	0.08%	0.011%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB910

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

72	12.944	1805	1811	1817	rVV8	1305	3508	0.33%	0.042%
73	13.109	1836	1838	1843	rVV4	746	979	0.09%	0.012%
74	13.194	1845	1852	1857	rVV5	1091	2784	0.26%	0.034%
75	13.261	1859	1863	1865	rVV3	946	1542	0.15%	0.019%
76	13.304	1865	1870	1874	rVB4	1730	3293	0.31%	0.040%
77	13.402	1879	1886	1892	rBV3	6538	11799	1.12%	0.143%
78	13.481	1896	1899	1900	rBV3	836	922	0.09%	0.011%
79	13.560	1905	1912	1923	rVV	564886	896121	85.10%	10.840%
80	13.652	1923	1927	1936	rVB3	4063	6627	0.63%	0.080%
81	13.853	1952	1960	1968	rBV	426915	706996	67.14%	8.552%
82	14.036	1986	1990	1991	rVB4	863	1088	0.10%	0.013%
83	14.072	1991	1996	2002	rBV2	4391	7789	0.74%	0.094%
84	14.328	2032	2038	2045	rBV	53497	85230	8.09%	1.031%
85	14.530	2066	2071	2076	rVB5	4889	7960	0.76%	0.096%
86	14.633	2083	2088	2092	rVB7	801	1498	0.14%	0.018%
87	14.718	2100	2102	2104	rBV2	658	541	0.05%	0.007%
88	14.786	2111	2113	2115	rBV2	541	637	0.06%	0.008%
89	14.834	2119	2121	2125	rVB4	473	608	0.06%	0.007%
90	14.889	2128	2130	2133	rVB4	501	601	0.06%	0.007%
91	15.188	2176	2179	2182	rVB5	1650	1895	0.18%	0.023%
92	15.377	2207	2210	2212	rBV4	619	735	0.07%	0.009%
93	15.438	2217	2220	2226	rVV2	5471	7953	0.76%	0.096%
94	15.493	2226	2229	2234	rVB2	3790	6186	0.59%	0.075%
95	15.542	2234	2237	2238	rBV3	447	512	0.05%	0.006%
96	15.609	2245	2248	2253	rVV6	525	687	0.07%	0.008%
97	15.670	2256	2258	2261	rBV2	407	493	0.05%	0.006%
98	15.859	2287	2289	2292	rBV4	480	526	0.05%	0.006%
99	16.054	2317	2321	2322	rBV3	715	956	0.09%	0.012%
100	16.304	2360	2362	2365	rBV4	536	804	0.08%	0.010%

Sum of corrected areas: 8266581

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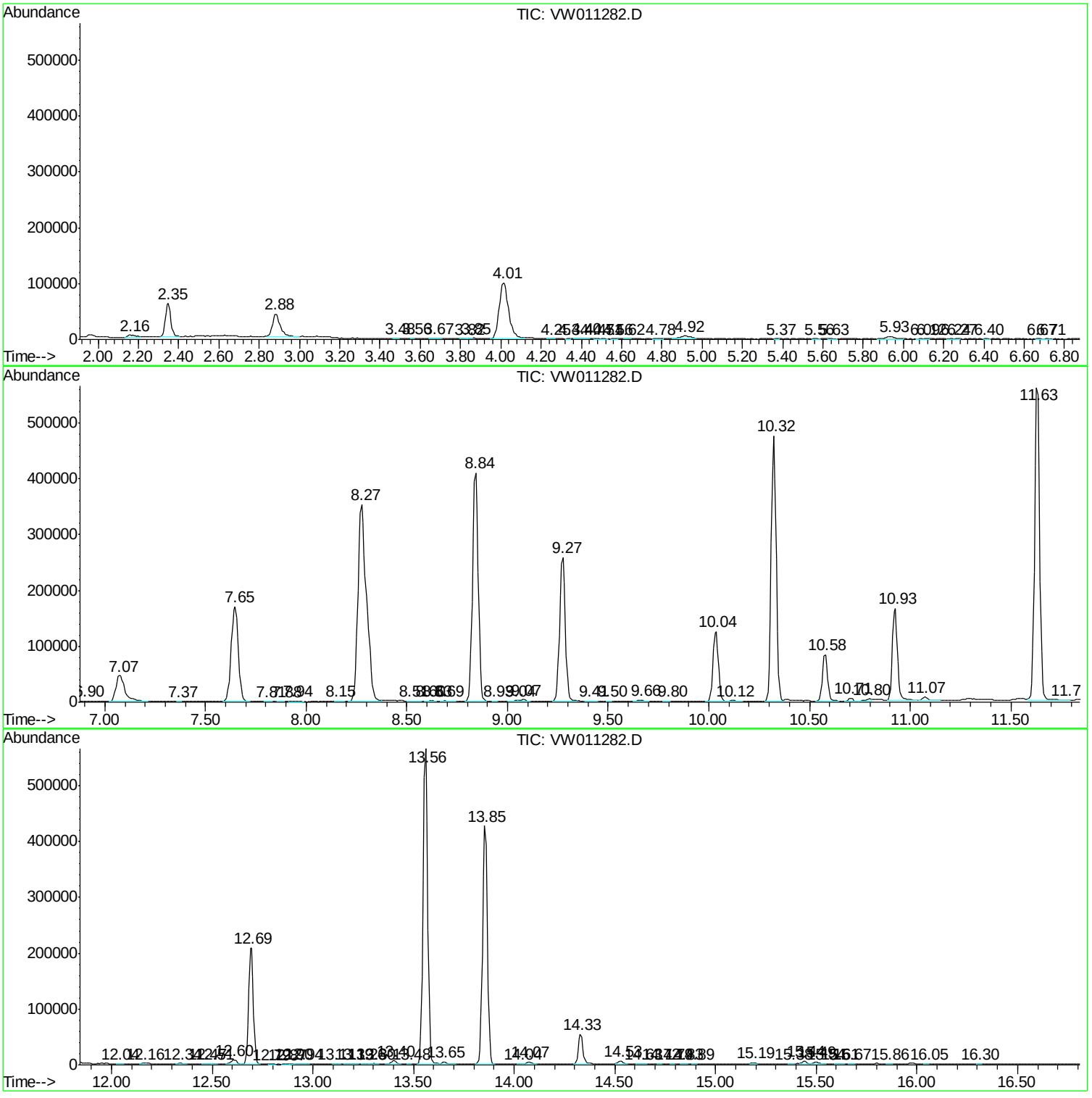
Instrument : MSVOA_W
ClientSampleId : DB910

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



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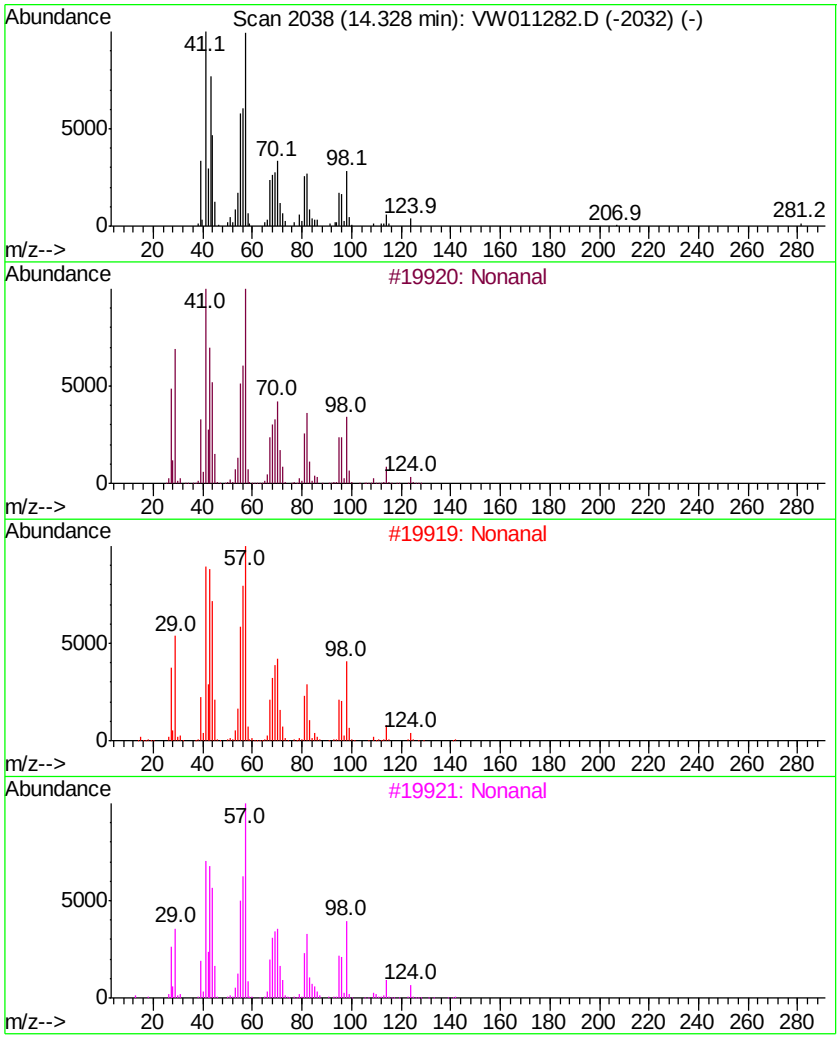
TIC Integration Parameters: LSCINT.P

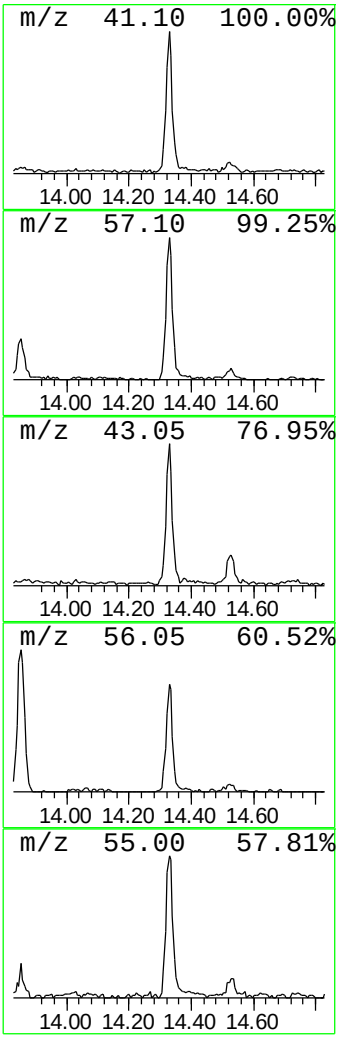
****

Peak Number 2 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	2.38 ug/L	85230	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	91
2	Nonanal	142	C9H18O	000124-19-6	86
3	Nonanal	142	C9H18O	000124-19-6	78
4	Nonanal	142	C9H18O	000124-19-6	59
5	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	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	14.33	2.4	ug/L	85230	3	13.56	896121	25.0