LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061719\
Data File : VW010819.D
Acq On : 17 Jun 2019 11:19
Operator : SY/VA
Sample : K3324-17
Misc : 6.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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\SOM2WLM061119S.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	rVB2	7782	11456	0.97%	0.116%
2	2.160	37	42	48	rBV	17577	27078	2.29%	0.273%
3	2.349	67	73	81	rBV	82556	138954	11.73%	1.403%
4	2.495	93	97	102	rBV2	6429	10159	0.86%	0.103%
5	2.879	154	160	172	rVB	65815	135502	11.44%	1.368%
6	3.257	218	222	229	rVB4	2333	5638	0.48%	0.057%
7	3.647	283	286	289	rVB3	709	814	0.07%	0.008%
8	3.678	289	291	295	rBV3	840	1499	0.13%	0.015%
9	3.867	315	322	325	rBV7	1849	4059	0.34%	0.041%
10	4.013	336	346	357	rBV	143693	379773	32.07%	3.833%
11	4.129	357	365	378	rVB	11094	33819	2.86%	0.341%
12	4.391	398	408	418	rBV	3893	11570	0.98%	0.117%
13	4.617	441	445	449	rVB4	976	1189	0.10%	0.012%
14	4.915	483	494	505	rVV2	9383	32043	2.71%	0.323%
15	5.269	549	552	554	rBV	587	691	0.06%	0.007%
16	5.391	569	572	574	rBV2	661	597	0.05%	0.006%
17	5.562	595	600	601	rBV3	634	938	0.08%	0.009%
18	5.793	633	638	639	rBV3	854	1087	0.09%	0.011%
19	5.879	650	652	653	rBV2	710	598	0.05%	0.006%
20	5.940	653	662	672	rVV5	5426	17647	1.49%	0.178%
21	6.110	685	690	693	rBV4	676	1039	0.09%	0.010%
22	6.476	748	750	755	rBV3	461	765	0.06%	0.008%
23	6.897	812	819	820	rBV3	1976	3232	0.27%	0.033%
24	7.080	839	849	859	rBV	54725	158884	13.42%	1.604%
25	7.415	899	904	906	rBV3	515	872	0.07%	0.009%
26	7.513	915	920	921	rBV5	591	994	0.08%	0.010%
27	7.543	923	925	928	rVB2	941	673	0.06%	0.007%
28	7.653	932	943	957	rBV2	175118	491386	41.49%	4.960%
29	7.872	977	979	983	rVB4	505	610	0.05%	0.006%
30	7.915	983	986	988	rBV3	461	575	0.05%	0.006%
31	7.952	988	992	997	rVB6	1018	2102	0.18%	0.021%
32	8.275	1035	1045	1062	rBV2	394587	1184359	100.00%	11.955%
33	8.622	1097	1102	1103	rBV5	822	1172	0.10%	0.012%
34	8.701	1109	1115	1118	rBV5	1234	1965	0.17%	0.020%

LSC Area Percent Report

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Misc : 6.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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\SOM2WLM061119S.M
Title : VOC Analysis

35	8.842	1129	1138	1152	rBV	469101	920162	77.69%	9.288%
36	9.024	1160	1168	1174	rBV	26196	53694	4.53%	0.542%
37	9.092	1174	1179	1185	rVB5	11481	25286	2.13%	0.255%
38	9.274	1198	1209	1218	rBV	296404	595008	50.24%	6.006%
39	9.415	1228	1232	1233	rVB3	770	839	0.07%	0.008%
40	9.659	1265	1272	1277	rBV5	2164	4158	0.35%	0.042%
41	9.890	1307	1310	1316	rVB5	1476	2264	0.19%	0.023%
42	10.037	1326	1334	1344	rBV	158509	294915	24.90%	2.977%
43	10.122	1344	1348	1358	rVB6	2072	5129	0.43%	0.052%
44	10.207	1360	1362	1364	rBV3	653	755	0.06%	0.008%
45	10.323	1373	1381	1389	rBV	532277	933569	78.82%	9.424%
46	10.384	1389	1391	1399	rVV	4796	8452	0.71%	0.085%
47	10.506	1407	1411	1415	rVB5	985	1768	0.15%	0.018%
48	10.579	1416	1423	1433	rBV	103909	182545	15.41%	1.843%
49	10.707	1438	1444	1449	rBV2	6794	12436	1.05%	0.126%
50	10.927	1473	1480	1498	rBV	198380	344599	29.10%	3.478%
51	11.073	1498	1504	1510	rVB6	5965	11670	0.99%	0.118%
52	11.170	1517	1520	1522	rBV4	651	692	0.06%	0.007%
53	11.274	1535	1537	1541	rBV3	1043	1433	0.12%	0.014%
54	11.402	1555	1558	1567	rVB8	1636	3703	0.31%	0.037%
55	11.634	1588	1596	1608	rBV	641850	1085445	91.65%	10.957%
56	11.804	1618	1624	1625	rBV4	898	1501	0.13%	0.015%
57	11.841	1625	1630	1635	rVV3	4033	6780	0.57%	0.068%
58	12.103	1669	1673	1676	rBV5	499	694	0.06%	0.007%
59	12.176	1680	1685	1689	rVV7	3211	6583	0.56%	0.066%
60	12.243	1692	1696	1699	rBV4	621	948	0.08%	0.010%
61	12.341	1705	1712	1718	rBV4	5953	11216	0.95%	0.113%
62	12.396	1720	1721	1727	rVB4	769	687	0.06%	0.007%
63	12.457	1727	1731	1733	rBV4	1117	1504	0.13%	0.015%
64	12.609	1750	1756	1762	rBV	16050	28048	2.37%	0.283%
65	12.695	1763	1770	1777	rVV	234099	378642	31.97%	3.822%
66	12.768	1779	1782	1791	rVB6	1369	2933	0.25%	0.030%
67	12.932	1807	1809	1813	rVB4	1489	1797	0.15%	0.018%
68	13.134	1837	1842	1845	rVV7	962	1565	0.13%	0.016%
69	13.194	1849	1852	1858	rVB4	1963	3307	0.28%	0.033%
70	13.262	1858	1863	1864	rBV3	1080	1435	0.12%	0.014%
71	13.298	1864	1869	1870	rBV4	948	1207	0.10%	0.012%

LSC Area Percent Report

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.M
Title : VOC Analysis

72	13.310	1870	1871	1875	rVB2	1605	953	0.08%	0.010%
73	13.402	1878	1886	1895	rBV2	56401	91592	7.73%	0.925%
74	13.499	1898	1902	1905	rVV3	1579	3135	0.26%	0.032%
75	13.560	1905	1912	1924	rVV	670292	1057297	89.27%	10.673%
76	13.652	1924	1927	1933	rVB4	3134	5064	0.43%	0.051%
77	13.768	1941	1946	1951	rBV6	1586	2844	0.24%	0.029%
78	13.859	1953	1961	1973	rVV	477662	803593	67.85%	8.112%
79	13.944	1973	1975	1976	rVV2	838	653	0.06%	0.007%
80	14.030	1984	1989	1992	rBV6	2171	3596	0.30%	0.036%
81	14.078	1992	1997	2003	rVB	13376	21678	1.83%	0.219%
82	14.200	2013	2017	2018	rBV2	673	840	0.07%	0.008%
83	14.267	2026	2028	2031	rVB3	668	607	0.05%	0.006%
84	14.335	2032	2039	2048	rBV	155871	244749	20.67%	2.471%
85	14.633	2082	2088	2093	rBV6	2099	4102	0.35%	0.041%
86	14.737	2100	2105	2107	rVB4	869	1340	0.11%	0.014%
87	14.798	2112	2115	2118	rBV5	736	1127	0.10%	0.011%
88	14.895	2127	2131	2135	rVB5	1769	3145	0.27%	0.032%
89	15.011	2149	2150	2152	rBV2	839	741	0.06%	0.007%
90	15.139	2168	2171	2174	rBV3	1563	2059	0.17%	0.021%
91	15.188	2174	2179	2187	rVV2	11693	18900	1.60%	0.191%
92	15.316	2193	2200	2203	rBV4	748	1526	0.13%	0.015%
93	15.444	2215	2221	2226	rBV	11069	16910	1.43%	0.171%
94	15.505	2226	2231	2237	rVB2	7450	13008	1.10%	0.131%
95	15.804	2278	2280	2285	rVB4	942	1196	0.10%	0.012%
96	15.962	2303	2306	2310	rBV4	1029	1876	0.16%	0.019%
97	16.389	2374	2376	2377	rBV2	763	596	0.05%	0.006%
98	16.517	2395	2397	2399	rVB3	1036	1008	0.09%	0.010%
99	16.535	2399	2400	2403	rBV3	773	851	0.07%	0.009%
100	16.621	2412	2414	2415	rBV	717	617	0.05%	0.006%

Sum of corrected areas: 9906711

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061719\
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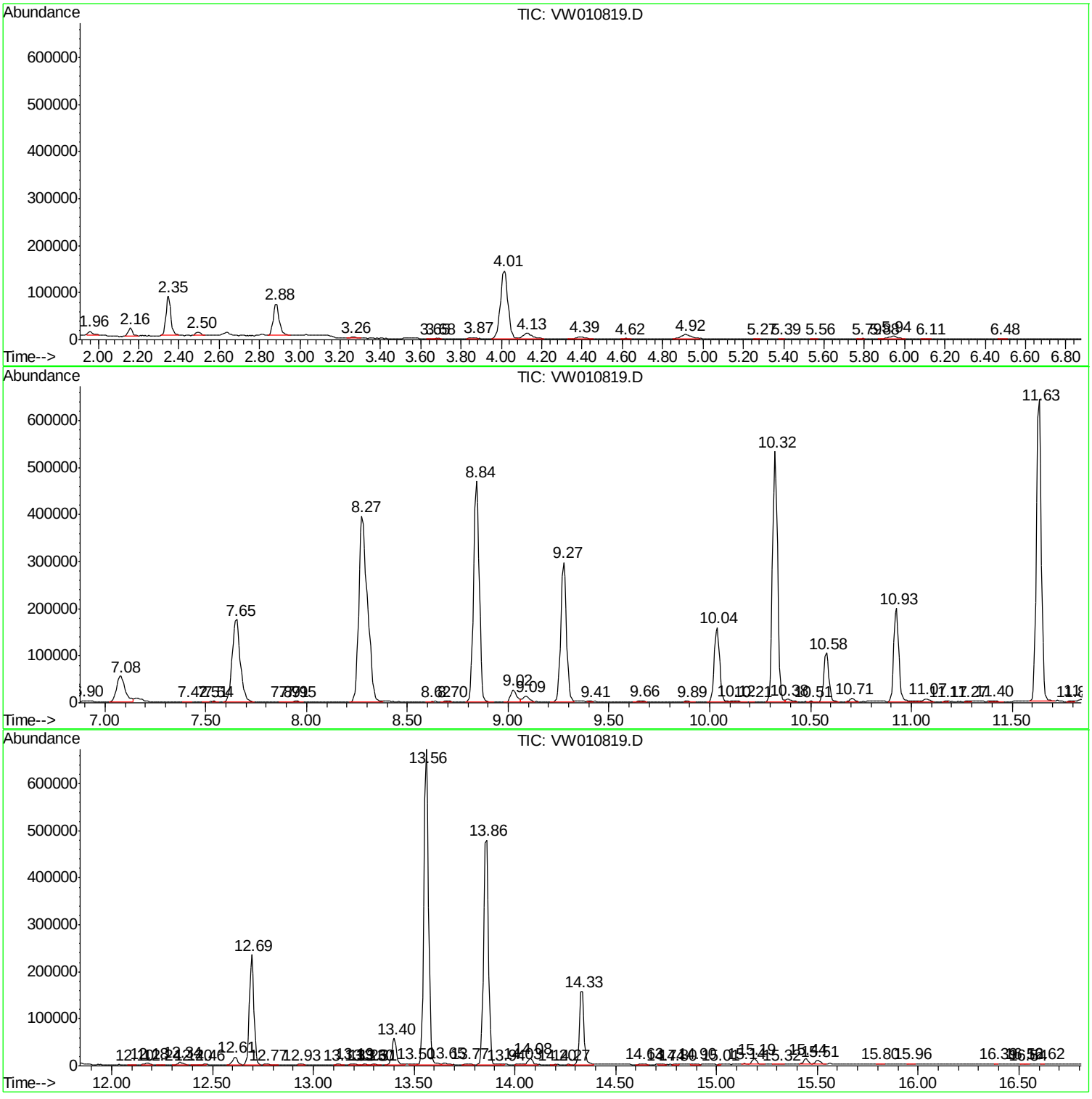
Operator : SY/VA
Sample : K3324-17
Misc : 6.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.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\VW061719\
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Quant Title : VOC Analysis

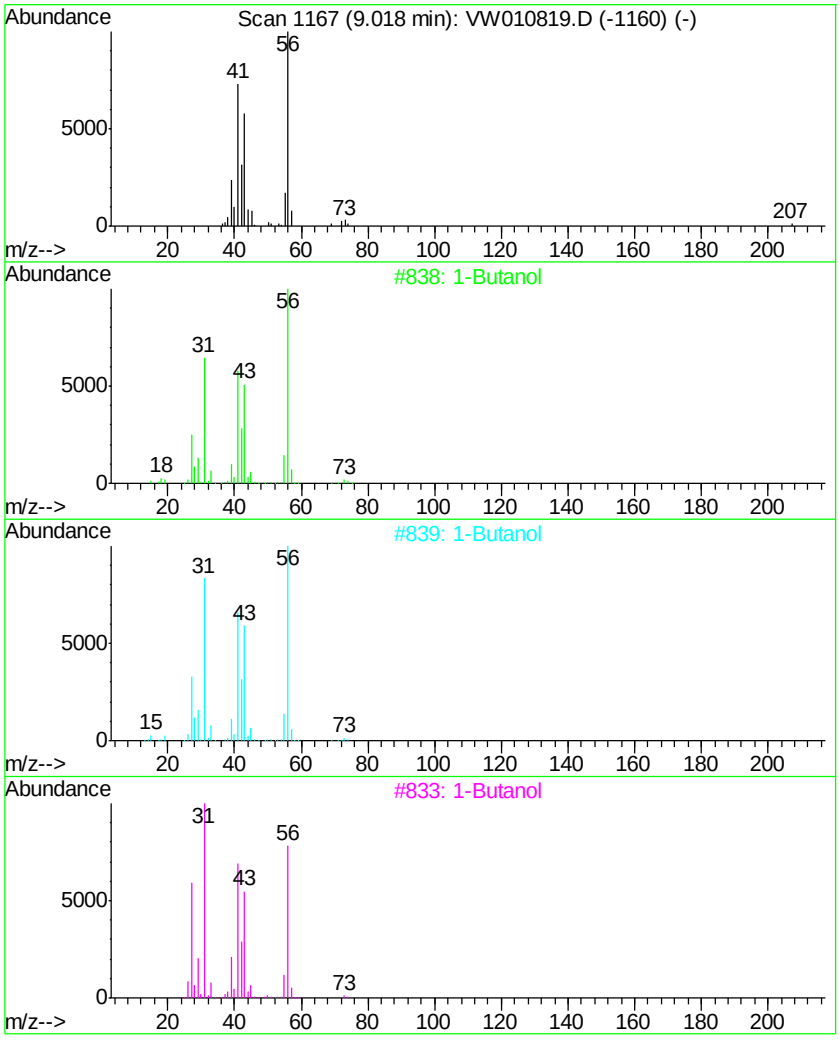
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

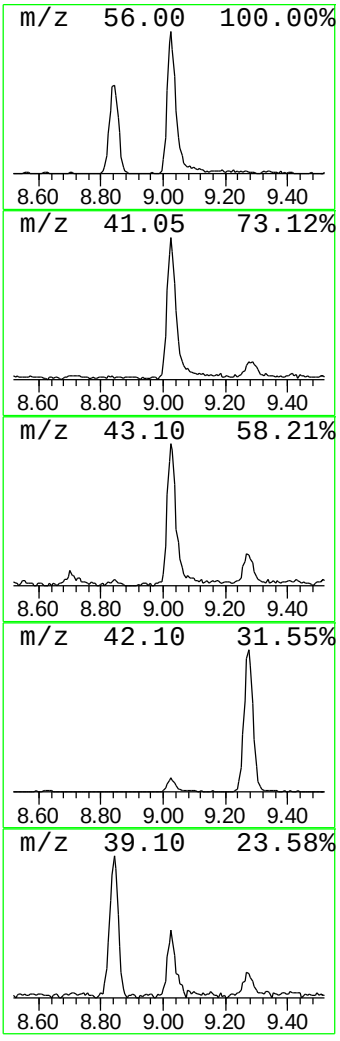
****

Peak Number 1 1-Butanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	1.46 ug/L	53694	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	80
2	1-Butanol	74	C4H10O	000071-36-3	72
3	1-Butanol	74	C4H10O	000071-36-3	72
4	1-Butanol	74	C4H10O	000071-36-3	64
5	1-Butanol	74	C4H10O	000071-36-3	50





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.M
Quant Title : VOC Analysis

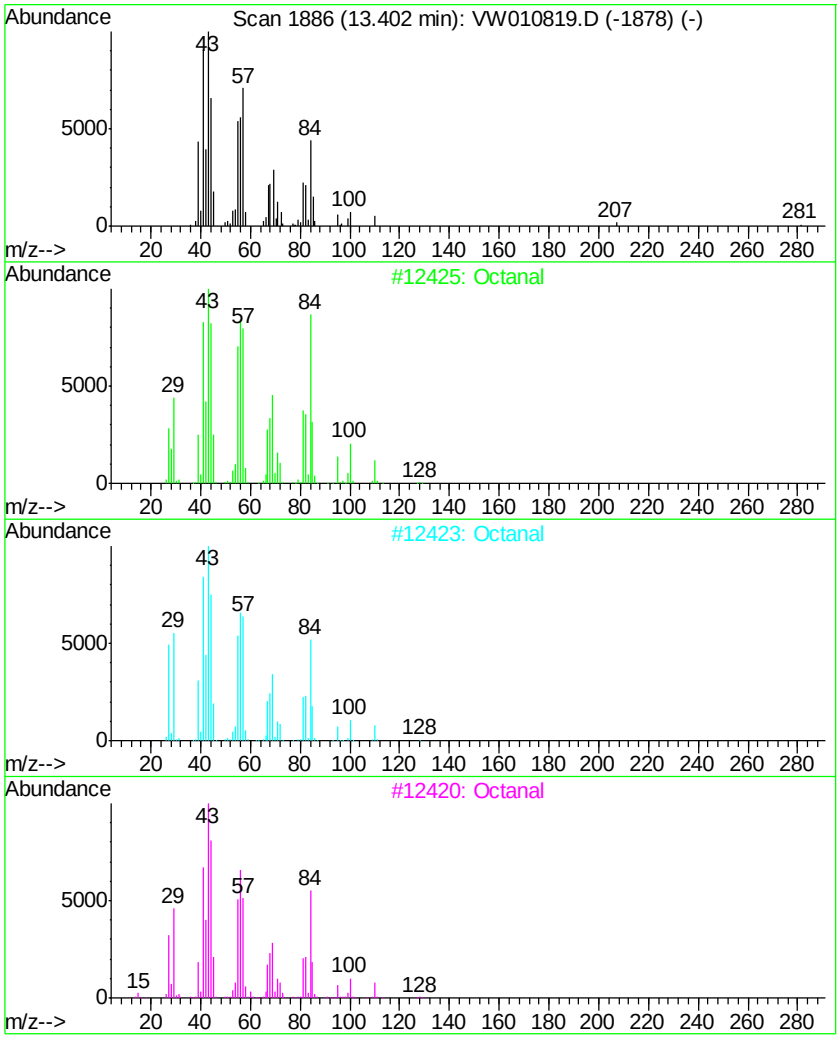
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

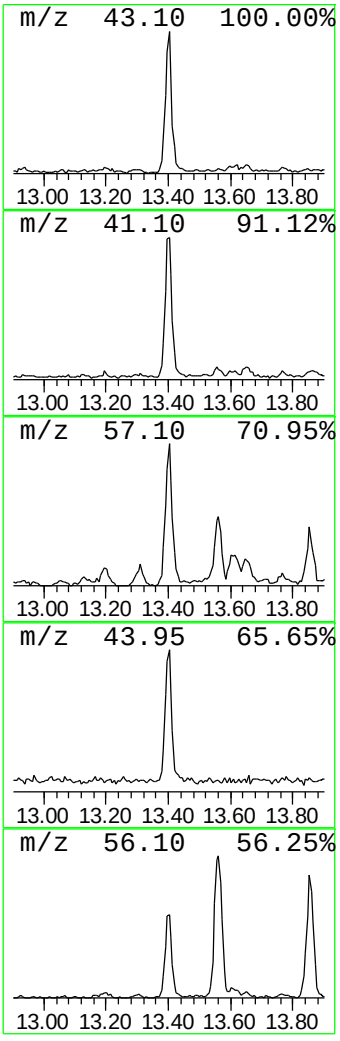
****

Peak Number 3 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	2.17 ug/L	91592	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	80
2	Octanal	128	C8H16O	000124-13-0	74
3	Octanal	128	C8H16O	000124-13-0	68
4	Octanal	128	C8H16O	000124-13-0	59
5	Octanal	128	C8H16O	000124-13-0	53





Library Search Compound Report

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.M
Quant Title : VOC Analysis

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

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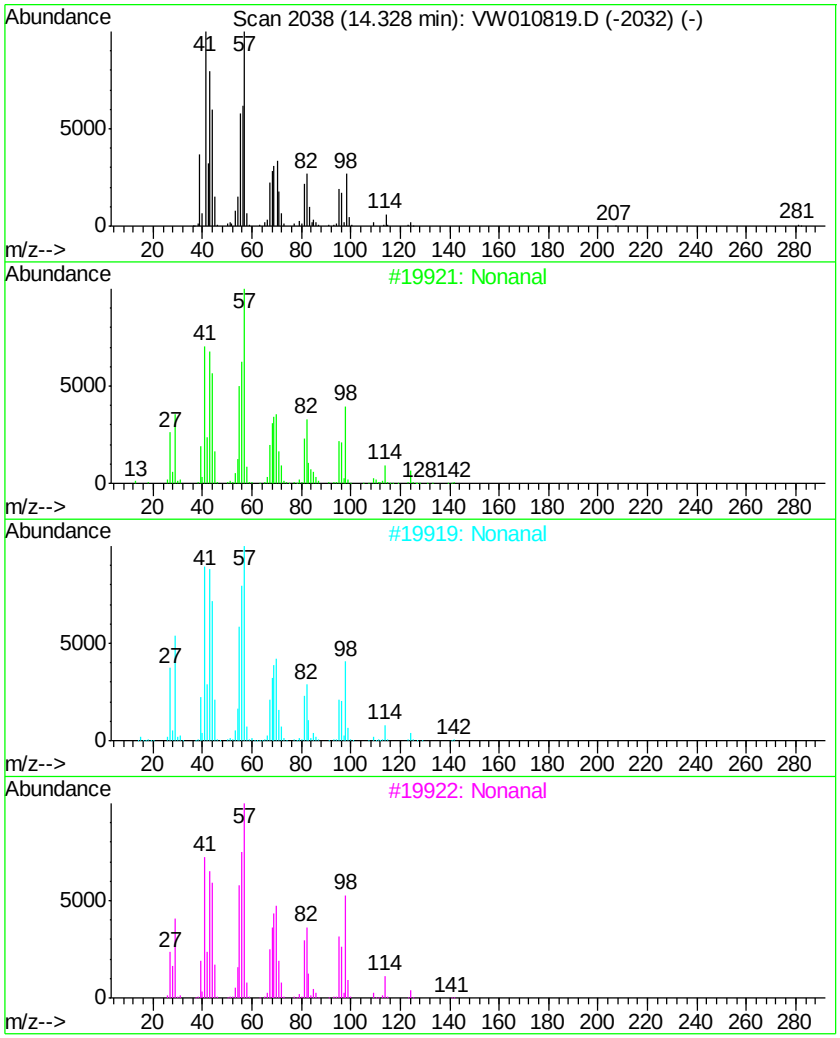
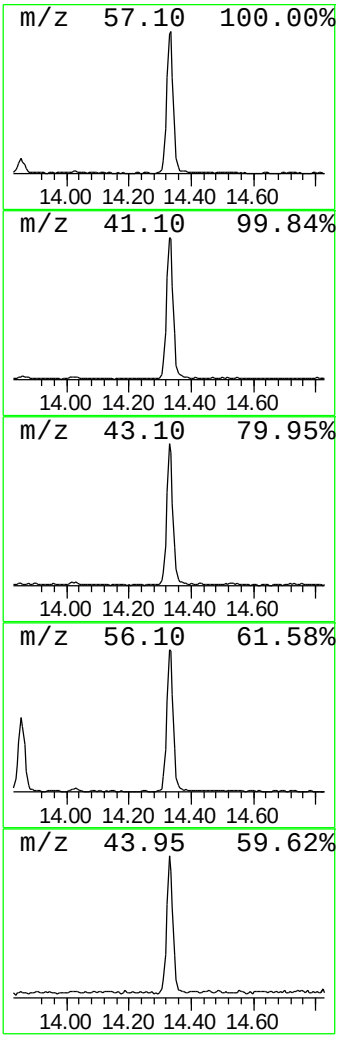
Peak Number 4 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	5.79 ug/L	244749	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	90
3	Nonanal	142	C9H18O	000124-19-6	80
4	Nonanal	142	C9H18O	000124-19-6	72
5	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061719\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.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
1-Butanol	9.02	1.5	ug/L	53694	1	8.84	920162	25.0
Octanal	13.40	2.2	ug/L	91592	3	13.56	1057300	25.0
Nonanal	14.33	5.8	ug/L	244749	3	13.56	1057300	25.0