LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072018\
Data File : VW004080.D
Acq On : 20 Jul 2018 16:43
Operator : SY/AP
Sample : J4023-23
Misc : 5.91G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1S1

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\SOM2WLM071818S.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	1.746	18	26	28	rBV	12337	21951	0.89%	0.195%
2	1.807	28	36	57	rVB	1101162	2467787	100.00%	21.965%
3	2.160	89	94	100	rVV4	2097	4827	0.20%	0.043%
4	2.349	117	125	137	rVB	57559	104957	4.25%	0.934%
5	2.886	206	213	226	rVB2	35149	86997	3.53%	0.774%
6	3.367	290	292	294	rBV2	1742	2084	0.08%	0.019%
7	3.831	364	368	369	rBV3	1096	947	0.04%	0.008%
8	4.007	386	397	411	rBV2	91675	297333	12.05%	2.647%
9	4.398	449	461	471	rBV	9953	31083	1.26%	0.277%
10	4.666	499	505	511	rBV5	747	2081	0.08%	0.019%
11	4.904	534	544	552	rBV6	5771	20901	0.85%	0.186%
12	5.178	584	589	591	rVV3	566	972	0.04%	0.009%
13	5.416	625	628	629	rBV2	728	624	0.03%	0.006%
14	5.428	629	630	638	rVB2	640	1102	0.04%	0.010%
15	5.940	703	714	721	rBV4	2428	7248	0.29%	0.065%
16	6.903	868	872	878	rVB4	826	1507	0.06%	0.013%
17	7.080	891	901	910	rBV	55470	153386	6.22%	1.365%
18	7.263	925	931	940	rVB	3215	7584	0.31%	0.068%
19	7.531	969	975	984	rVV5	3292	8919	0.36%	0.079%
20	7.647	984	994	1007	rVB	187999	455132	18.44%	4.051%
21	8.275	1084	1097	1114	rBV2	326052	1029655	41.72%	9.165%
22	8.397	1114	1117	1121	rVB4	1040	1563	0.06%	0.014%
23	8.543	1138	1141	1143	rBV3	437	641	0.03%	0.006%
24	8.848	1182	1191	1203	rBV	384788	758160	30.72%	6.748%
25	9.037	1217	1222	1225	rBV3	3341	6026	0.24%	0.054%
26	9.080	1227	1229	1235	rVB5	2287	3213	0.13%	0.029%
27	9.281	1252	1262	1271	rBV	259345	525697	21.30%	4.679%
28	9.391	1276	1280	1285	rVB5	806	1569	0.06%	0.014%
29	9.476	1288	1294	1299	rVB5	1157	2601	0.11%	0.023%
30	9.665	1320	1325	1333	rBV5	1526	2920	0.12%	0.026%
31	9.762	1333	1341	1350	rVB2	11164	22925	0.93%	0.204%
32	9.897	1353	1363	1370	rBV2	24474	49441	2.00%	0.440%
33	10.037	1377	1386	1394	rBV	129195	232924	9.44%	2.073%
34	10.220	1412	1416	1417	rBV	874	1187	0.05%	0.011%

LSC Area Percent Report

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Acq On : 20 Jul 2018 16:43
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Misc : 5.91G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1S1

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\SOM2WLM071818S.M
Title : VOC Analysis

35	10.250	1417	1421	1426	rVV2	7793	13255	0.54%	0.118%
36	10.329	1426	1434	1442	rVV	443433	772098	31.29%	6.872%
37	10.390	1442	1444	1447	rVV3	1946	2971	0.12%	0.026%
38	10.421	1447	1449	1455	rVB6	2311	4698	0.19%	0.042%
39	10.512	1458	1464	1468	rBV2	3672	6162	0.25%	0.055%
40	10.579	1468	1475	1483	rBV	94382	163383	6.62%	1.454%
41	10.701	1488	1495	1500	rBV5	2339	4760	0.19%	0.042%
42	10.781	1501	1508	1514	rVB5	4468	8497	0.34%	0.076%
43	10.860	1514	1521	1525	rBV6	908	2173	0.09%	0.019%
44	10.933	1525	1533	1546	rBV	208969	364771	14.78%	3.247%
45	11.079	1552	1557	1565	rVB7	5393	11120	0.45%	0.099%
46	11.183	1572	1574	1578	rVB4	780	863	0.03%	0.008%
47	11.341	1597	1600	1605	rVB4	835	1262	0.05%	0.011%
48	11.408	1607	1611	1615	rVB4	1162	1655	0.07%	0.015%
49	11.476	1617	1622	1629	rBV3	3734	6429	0.26%	0.057%
50	11.537	1629	1632	1637	rVB4	651	1144	0.05%	0.010%
51	11.634	1640	1648	1657	rBV	564163	981386	39.77%	8.735%
52	11.713	1657	1661	1670	rVB	15387	26880	1.09%	0.239%
53	11.841	1678	1682	1685	rBV3	1881	3332	0.14%	0.030%
54	12.024	1709	1712	1717	rVB5	1124	1748	0.07%	0.016%
55	12.097	1720	1724	1728	rBV3	805	1300	0.05%	0.012%
56	12.164	1728	1735	1744	rBV3	10156	24183	0.98%	0.215%
57	12.244	1744	1748	1753	rVB3	3042	5280	0.21%	0.047%
58	12.299	1753	1757	1760	rBV4	721	1013	0.04%	0.009%
59	12.347	1760	1765	1768	rBV4	1274	2410	0.10%	0.021%
60	12.555	1796	1799	1804	rBV6	1114	2097	0.08%	0.019%
61	12.616	1804	1809	1814	rVV2	4466	7706	0.31%	0.069%
62	12.701	1816	1823	1829	rVV	280150	463990	18.80%	4.130%
63	12.762	1829	1833	1839	rVB6	3108	7230	0.29%	0.064%
64	12.896	1850	1855	1858	rBV6	1120	2072	0.08%	0.018%
65	12.939	1858	1862	1867	rVV3	4457	6504	0.26%	0.058%
66	12.975	1867	1868	1873	rVB2	653	739	0.03%	0.007%
67	13.085	1879	1886	1892	rBV6	4201	8540	0.35%	0.076%
68	13.152	1892	1897	1902	rVB4	3121	4717	0.19%	0.042%
69	13.213	1902	1907	1908	rBV4	787	1148	0.05%	0.010%
70	13.280	1914	1918	1920	rBV4	4480	6784	0.27%	0.060%
71	13.408	1932	1939	1941	rBV4	2793	4814	0.20%	0.043%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1S1

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\SOM2WLM071818S.M
Title : VOC Analysis

72	13.481	1947	1951	1953	rBV5	2411	3266	0.13%	0.029%
73	13.567	1958	1965	1972	rVB	594044	922123	37.37%	8.208%
74	13.658	1974	1980	1986	rBV	62471	97115	3.94%	0.864%
75	13.762	1995	1997	1999	rBV3	743	734	0.03%	0.007%
76	13.859	2006	2013	2020	rBV	494331	821412	33.29%	7.311%
77	14.024	2037	2040	2045	rVB5	2338	4173	0.17%	0.037%
78	14.085	2045	2050	2058	rVB2	9372	15501	0.63%	0.138%
79	14.152	2059	2061	2064	rVB3	712	647	0.03%	0.006%
80	14.237	2069	2075	2080	rBV3	4861	8716	0.35%	0.078%
81	14.335	2086	2091	2098	rVB8	7290	13797	0.56%	0.123%
82	14.481	2112	2115	2117	rBV4	1257	1779	0.07%	0.016%
83	14.536	2121	2124	2125	rBV3	2104	2534	0.10%	0.023%
84	14.670	2143	2146	2148	rBV3	659	857	0.03%	0.008%
85	14.731	2152	2156	2162	rVB5	3544	6177	0.25%	0.055%
86	14.780	2162	2164	2171	rVB6	1742	3131	0.13%	0.028%
87	14.847	2171	2175	2176	rBV4	2737	3204	0.13%	0.029%
88	14.877	2177	2180	2185	rVB4	5034	7315	0.30%	0.065%
89	14.951	2188	2192	2194	rBV4	1975	2679	0.11%	0.024%
90	14.987	2194	2198	2200	rBV4	2391	3811	0.15%	0.034%
91	15.018	2201	2203	2206	rBV4	2074	2565	0.10%	0.023%
92	15.085	2211	2214	2222	rVB3	10211	18972	0.77%	0.169%
93	15.188	2223	2231	2237	rBV7	9437	23693	0.96%	0.211%
94	15.511	2279	2284	2287	rBV5	2785	4339	0.18%	0.039%
95	15.554	2289	2291	2296	rVB5	1689	2579	0.10%	0.023%
96	15.743	2316	2322	2326	rBV6	3712	6798	0.28%	0.061%
97	15.871	2340	2343	2347	rBV3	1999	3476	0.14%	0.031%
98	15.981	2356	2361	2371	rVB9	3103	6555	0.27%	0.058%
99	16.328	2416	2418	2420	rVV2	686	693	0.03%	0.006%
100	16.731	2481	2484	2486	rBV4	1006	1202	0.05%	0.011%

Sum of corrected areas: 11234901

LSC Report - Integrated Chromatogram

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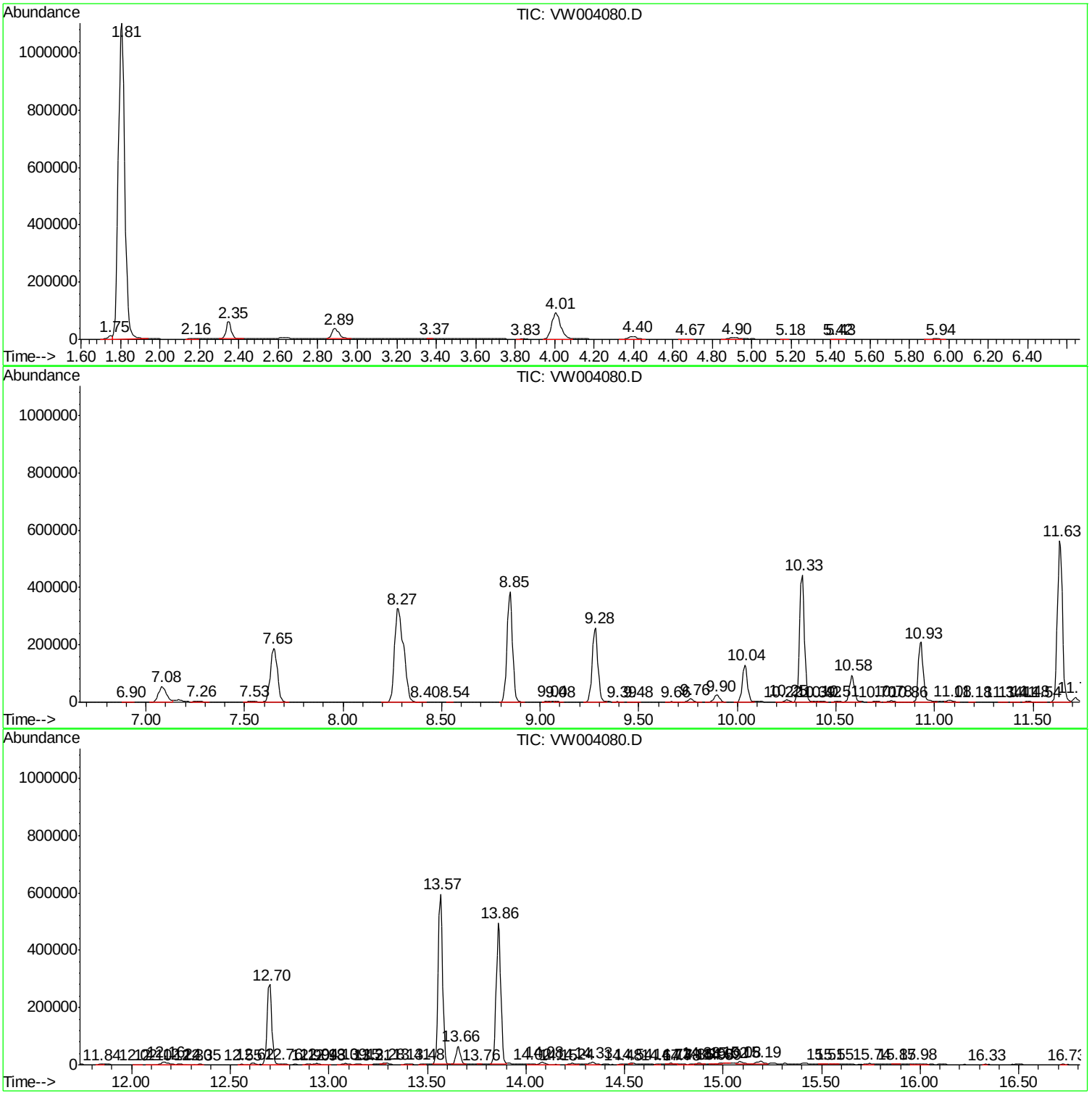
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1S1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Quant Title : VOC Analysis

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



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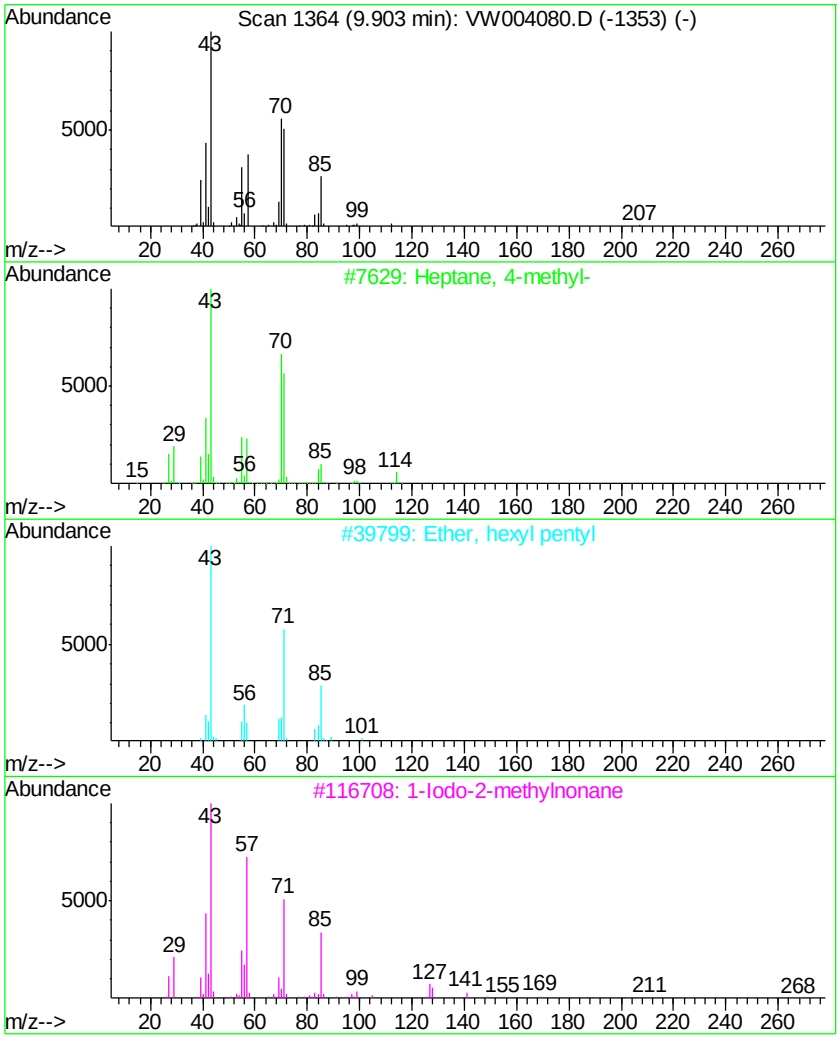
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Quant Title : VOC Analysis

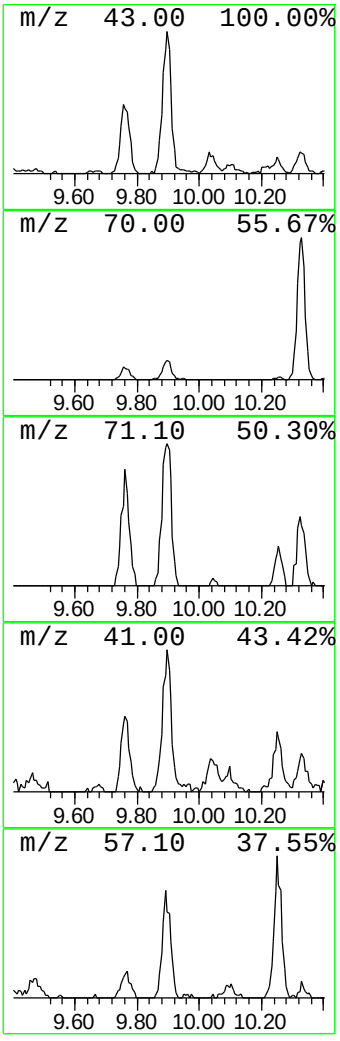
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	1.63 ug/L	49441	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
2	Ether, hexyl pentyl	172	C11H24O	032357-83-8	59
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	59
4	Butane, 1-bromo-3-methyl-	150	C5H11Br	000107-82-4	59
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53





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ClientSampleId : DB1S1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Quant Title : VOC Analysis

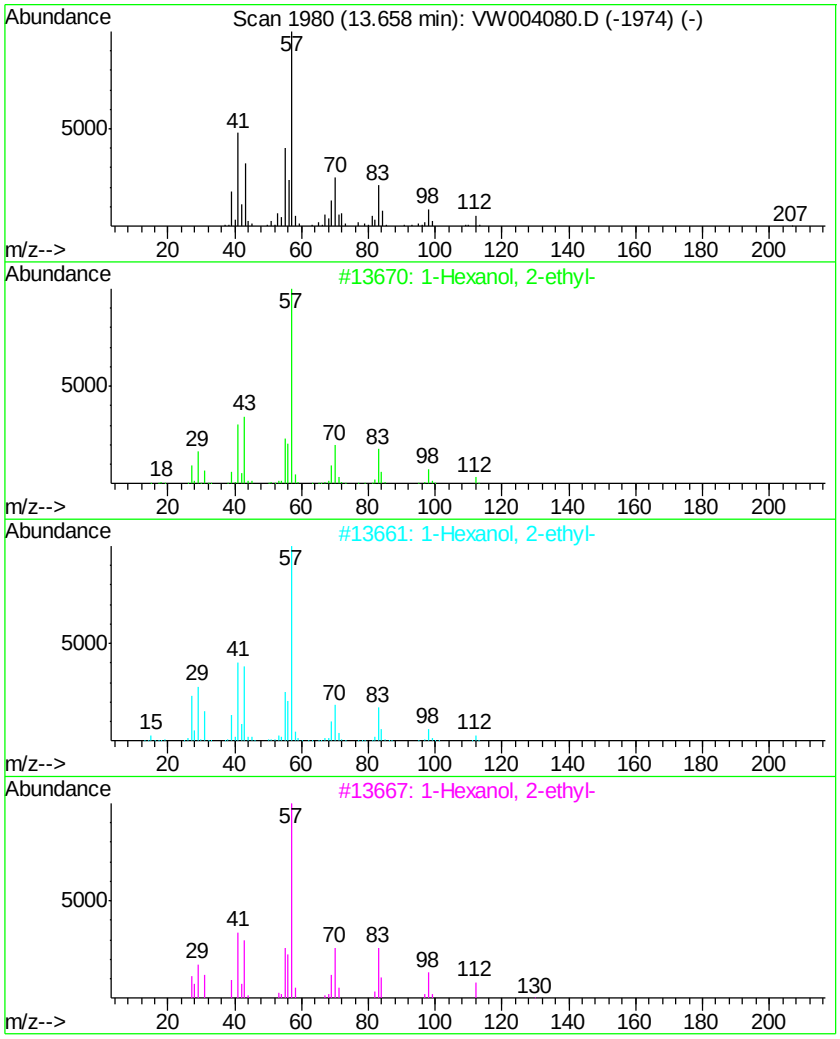
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

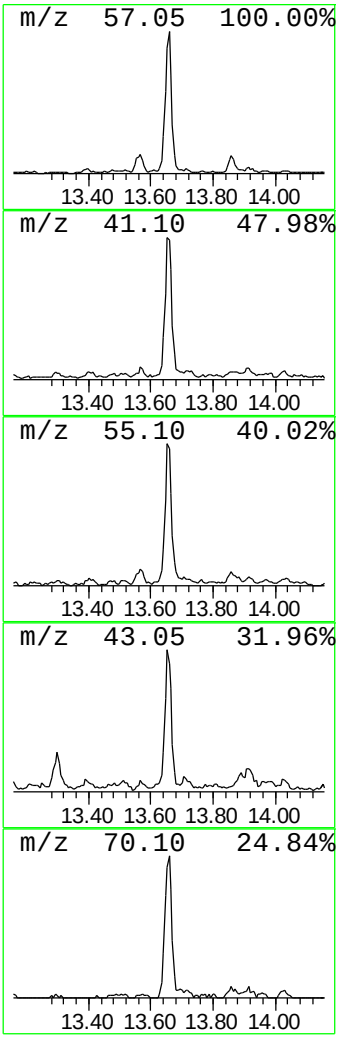
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	2.63 ug/L	97115	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	53
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	45





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
(DEL) Alkane: Str...	9.90	1.6	ug/L	49441	1	8.85	758160	25.0
1-Hexanol, 2-ethyl-	13.66	2.6	ug/L	97115	3	13.57	922123	25.0