LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062218\
Data File : VW003435.D
Acq On : 22 Jun 2018 19:13
Operator : SY/AP
Sample : J3621-20
Misc : 7.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ94

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\SOM2WLM062018S.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	27	rBV	8379	13685	0.21%	0.093%
2	1.807	27	36	57	rVV	3053635	6461349	100.00%	43.998%
3	1.953	57	60	70	rVB3	7279	14501	0.22%	0.099%
4	2.154	86	93	117	rBV	61187	231411	3.58%	1.576%
5	2.349	119	125	139	rVB	76670	149106	2.31%	1.015%
6	2.892	207	214	228	rVB	48641	125313	1.94%	0.853%
7	3.831	365	368	369	rBV2	1205	1113	0.02%	0.008%
8	4.008	386	397	411	rBV2	104048	337412	5.22%	2.298%
9	4.148	411	420	436	rVV	31154	103857	1.61%	0.707%
10	4.367	450	456	463	rBV2	1685	4036	0.06%	0.027%
11	4.648	500	502	504	rBV2	452	428	0.01%	0.003%
12	4.916	535	546	560	rBV2	7960	30897	0.48%	0.210%
13	5.007	560	561	563	rVV2	725	450	0.01%	0.003%
14	5.172	586	588	590	rBV	400	431	0.01%	0.003%
15	5.215	593	595	598	rBV2	388	437	0.01%	0.003%
16	5.422	626	629	630	rBV2	322	409	0.01%	0.003%
17	5.733	676	680	683	rBV3	589	642	0.01%	0.004%
18	5.934	702	713	723	rVB4	9844	29632	0.46%	0.202%
19	6.025	725	728	732	rBV2	347	437	0.01%	0.003%
20	6.714	839	841	846	rVB3	509	488	0.01%	0.003%
21	6.970	881	883	885	rBV2	406	430	0.01%	0.003%
22	6.995	885	887	891	rBV3	664	886	0.01%	0.006%
23	7.092	894	903	912	rBV2	35018	104077	1.61%	0.709%
24	7.440	955	960	961	rBV3	389	514	0.01%	0.004%
25	7.537	971	976	978	rBV3	891	1442	0.02%	0.010%
26	7.653	984	995	1007	rVB	174135	432673	6.70%	2.946%
27	7.867	1024	1030	1031	rBV4	526	824	0.01%	0.006%
28	7.885	1031	1033	1036	rVB3	471	506	0.01%	0.003%
29	8.281	1087	1098	1114	rBV2	327809	995900	15.41%	6.781%
30	8.397	1114	1117	1118	rBV3	563	556	0.01%	0.004%
31	8.476	1129	1130	1133	rBV3	341	431	0.01%	0.003%
32	8.519	1135	1137	1141	rVB4	468	572	0.01%	0.004%
33	8.708	1159	1168	1177	rBV5	1535	4026	0.06%	0.027%
34	8.848	1182	1191	1199	rBV	361765	703284	10.88%	4.789%

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Instrument : MSVOA_W
ClientSampleId : DAZ94

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\SOM2WLM062018S.M
Title : VOC Analysis

35	9.007	1215	1217	1220	rVB3	575	532	0.01%	0.004%
36	9.068	1220	1227	1228	rBV3	1102	2088	0.03%	0.014%
37	9.086	1228	1230	1236	rVV5	1699	2964	0.05%	0.020%
38	9.281	1252	1262	1271	rBV	243429	488318	7.56%	3.325%
39	9.439	1284	1288	1293	rVB3	486	898	0.01%	0.006%
40	9.659	1318	1324	1326	rBV5	1384	2209	0.03%	0.015%
41	9.958	1369	1373	1377	rVB3	444	609	0.01%	0.004%
42	10.037	1378	1386	1394	rBV	120100	219510	3.40%	1.495%
43	10.330	1425	1434	1441	rBV	463771	802236	12.42%	5.463%
44	10.384	1441	1443	1449	rVB2	4303	7208	0.11%	0.049%
45	10.512	1459	1464	1468	rBV6	1184	2390	0.04%	0.016%
46	10.579	1468	1475	1487	rVV	84131	149676	2.32%	1.019%
47	10.665	1487	1489	1492	rVV4	528	529	0.01%	0.004%
48	10.714	1492	1497	1502	rVV4	1709	3058	0.05%	0.021%
49	10.933	1526	1533	1543	rBV	147039	251461	3.89%	1.712%
50	11.073	1553	1556	1560	rBV4	1569	2401	0.04%	0.016%
51	11.183	1571	1574	1576	rVV3	810	1074	0.02%	0.007%
52	11.238	1580	1583	1587	rBV4	345	473	0.01%	0.003%
53	11.488	1622	1624	1626	rBV2	618	752	0.01%	0.005%
54	11.634	1641	1648	1659	rVV	524143	880064	13.62%	5.993%
55	11.726	1659	1663	1668	rVV5	1446	2958	0.05%	0.020%
56	11.848	1679	1683	1687	rVV4	2188	3789	0.06%	0.026%
57	11.963	1699	1702	1704	rVB3	614	566	0.01%	0.004%
58	12.030	1710	1713	1717	rVB2	597	903	0.01%	0.006%
59	12.098	1723	1724	1728	rBV2	724	643	0.01%	0.004%
60	12.177	1728	1737	1744	rVV9	1205	2808	0.04%	0.019%
61	12.317	1756	1760	1762	rBV3	569	615	0.01%	0.004%
62	12.347	1762	1765	1766	rBV3	839	919	0.01%	0.006%
63	12.476	1778	1786	1793	rBV3	14831	26682	0.41%	0.182%
64	12.579	1801	1803	1805	rVB3	722	470	0.01%	0.003%
65	12.616	1805	1809	1814	rVB2	4188	6852	0.11%	0.047%
66	12.701	1816	1823	1834	rBV	216209	355113	5.50%	2.418%
67	12.902	1851	1856	1860	rBV	6223	10922	0.17%	0.074%
68	13.036	1872	1878	1888	rBV5	10114	21802	0.34%	0.148%
69	13.110	1888	1890	1891	rVV	771	413	0.01%	0.003%
70	13.128	1891	1893	1898	rVV4	660	820	0.01%	0.006%
71	13.195	1902	1904	1906	rVB2	668	421	0.01%	0.003%

LSC Area Percent Report

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Instrument : MSVOA_W
ClientSampleId : DAZ94

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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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Title : VOC Analysis

72	13.256	1911	1914	1918	rVB3	613	792	0.01%	0.005%
73	13.366	1930	1932	1934	rVB3	937	710	0.01%	0.005%
74	13.402	1934	1938	1939	rBV4	863	1036	0.02%	0.007%
75	13.475	1945	1950	1953	rBV5	3678	7474	0.12%	0.051%
76	13.506	1953	1955	1958	rVV3	3831	5137	0.08%	0.035%
77	13.567	1958	1965	1973	rVB	514886	815062	12.61%	5.550%
78	13.658	1973	1980	1986	rBV	31932	52845	0.82%	0.360%
79	13.859	2006	2013	2021	rBV	447031	728561	11.28%	4.961%
80	14.085	2045	2050	2059	rVB	14734	26186	0.41%	0.178%
81	14.170	2062	2064	2067	rBV3	631	898	0.01%	0.006%
82	14.231	2071	2074	2075	rBV3	1265	1236	0.02%	0.008%
83	14.335	2084	2091	2098	rBV4	3247	6102	0.09%	0.042%
84	14.512	2118	2120	2121	rBV2	490	408	0.01%	0.003%
85	14.530	2121	2123	2125	rBV3	640	705	0.01%	0.005%
86	14.591	2129	2133	2134	rBV3	471	720	0.01%	0.005%
87	14.634	2138	2140	2143	rVB3	1063	993	0.02%	0.007%
88	14.707	2148	2152	2153	rBV3	1406	1616	0.03%	0.011%
89	14.871	2174	2179	2184	rBV6	1803	3785	0.06%	0.026%
90	15.341	2254	2256	2257	rBV2	771	506	0.01%	0.003%
91	15.396	2257	2265	2267	rBV7	3217	6505	0.10%	0.044%
92	15.518	2278	2285	2291	rBV	4105	9057	0.14%	0.062%
93	15.603	2297	2299	2301	rVB2	953	575	0.01%	0.004%
94	15.774	2324	2327	2329	rBV3	817	974	0.02%	0.007%
95	15.816	2329	2334	2339	rVV6	1272	2386	0.04%	0.016%
96	15.969	2357	2359	2362	rBV4	1252	1595	0.02%	0.011%
97	16.286	2409	2411	2414	rVB3	554	525	0.01%	0.004%
98	16.585	2458	2460	2462	rBV2	718	694	0.01%	0.005%
99	16.615	2462	2465	2466	rVV2	477	462	0.01%	0.003%
100	16.639	2467	2469	2472	rVB2	803	737	0.01%	0.005%

Sum of corrected areas: 14685583

LSC Report - Integrated Chromatogram

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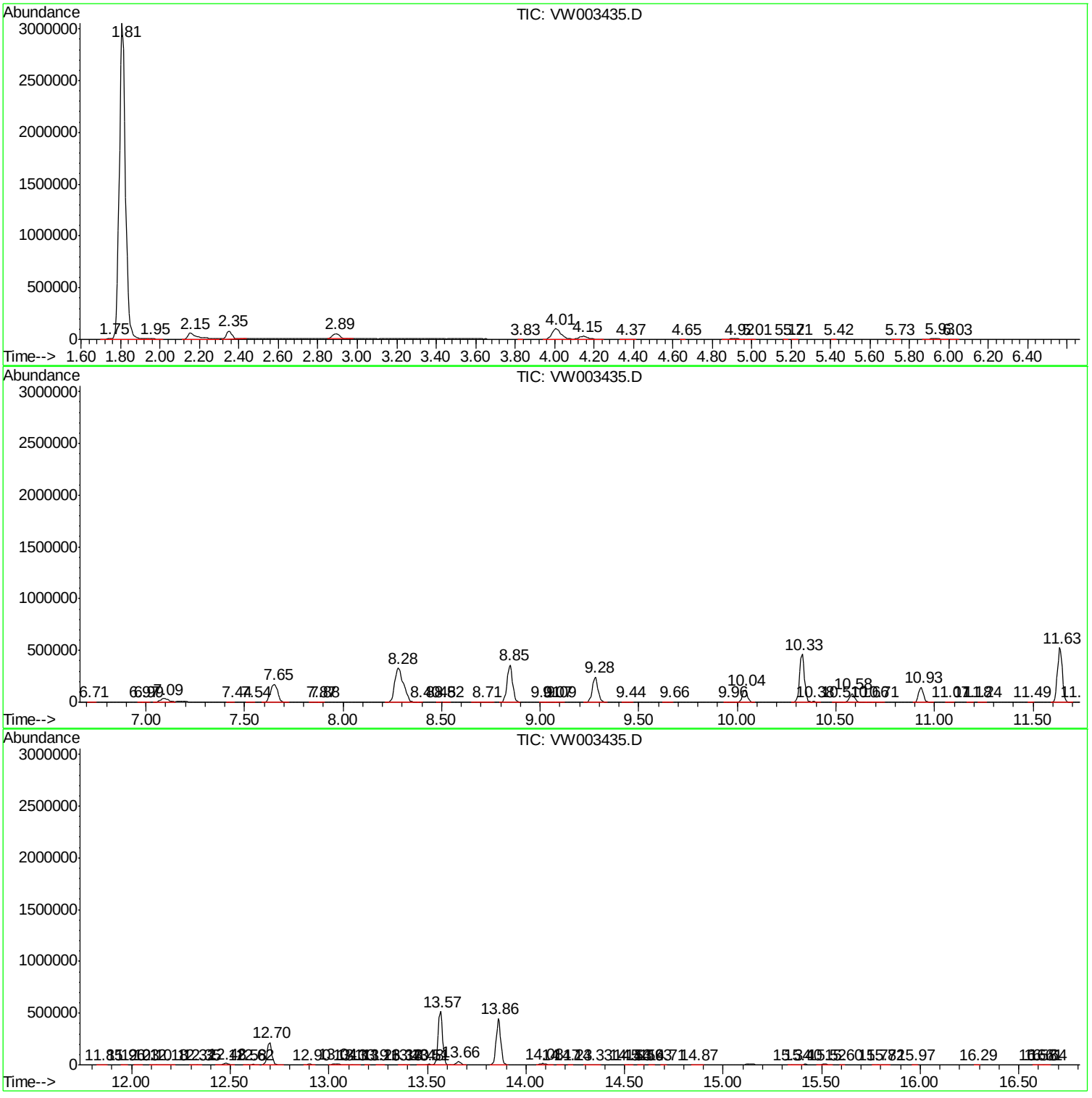
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ94

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.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\VW062218\
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Instrument : MSVOA_W
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

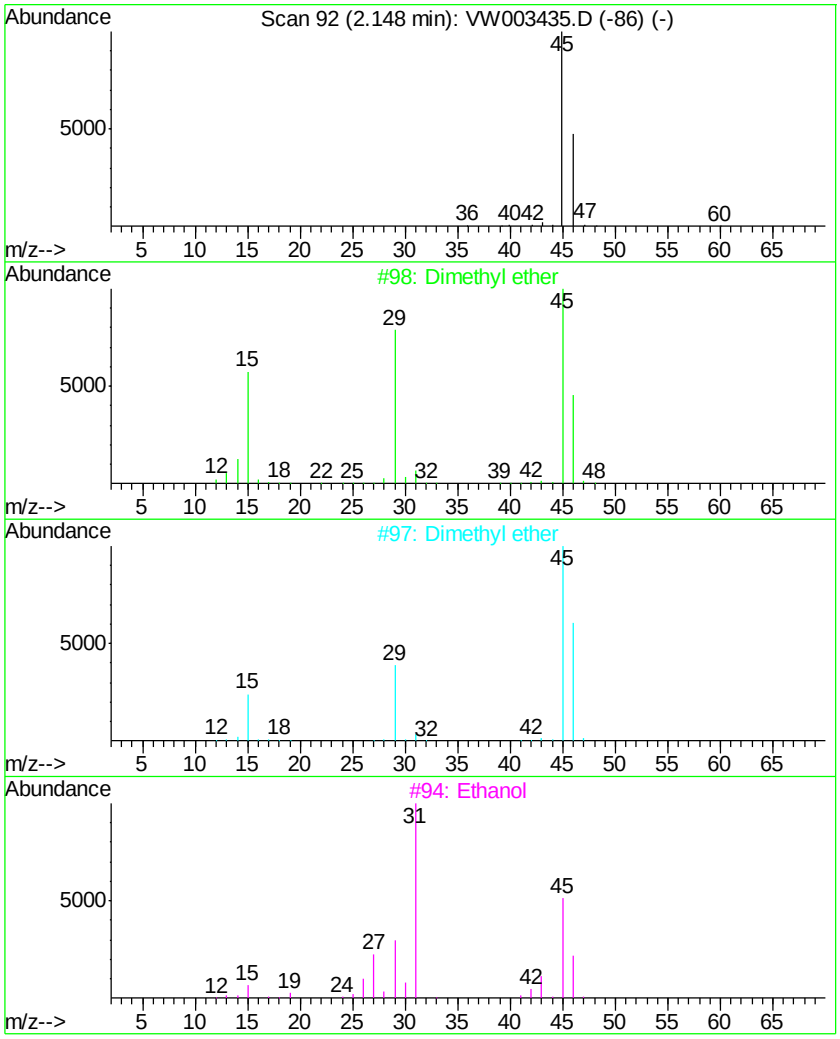
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

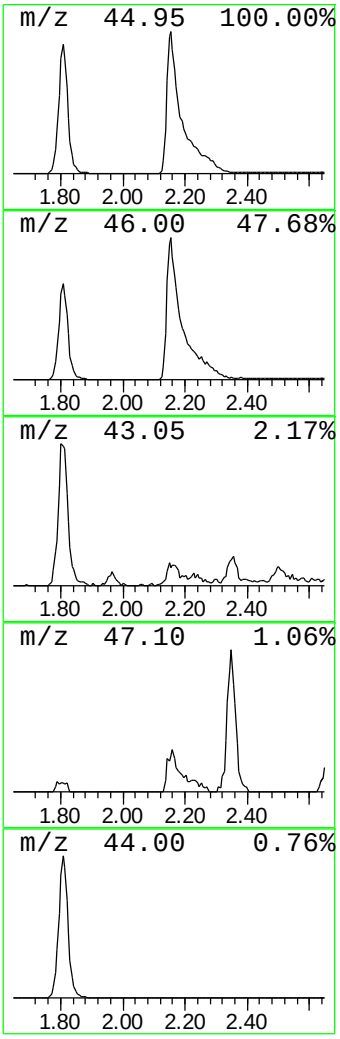
****

Peak Number 2 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	8.23 ug/L	231411	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	86
2	Dimethyl ether	46	C2H6O	000115-10-6	64
3	Ethanol	46	C2H6O	000064-17-5	7
4	Ethanol	46	C2H6O	000064-17-5	7
5	Formic acid	46	CH2O2	000064-18-6	5





Library Search Compound Report

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Instrument : MSVOA_W
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

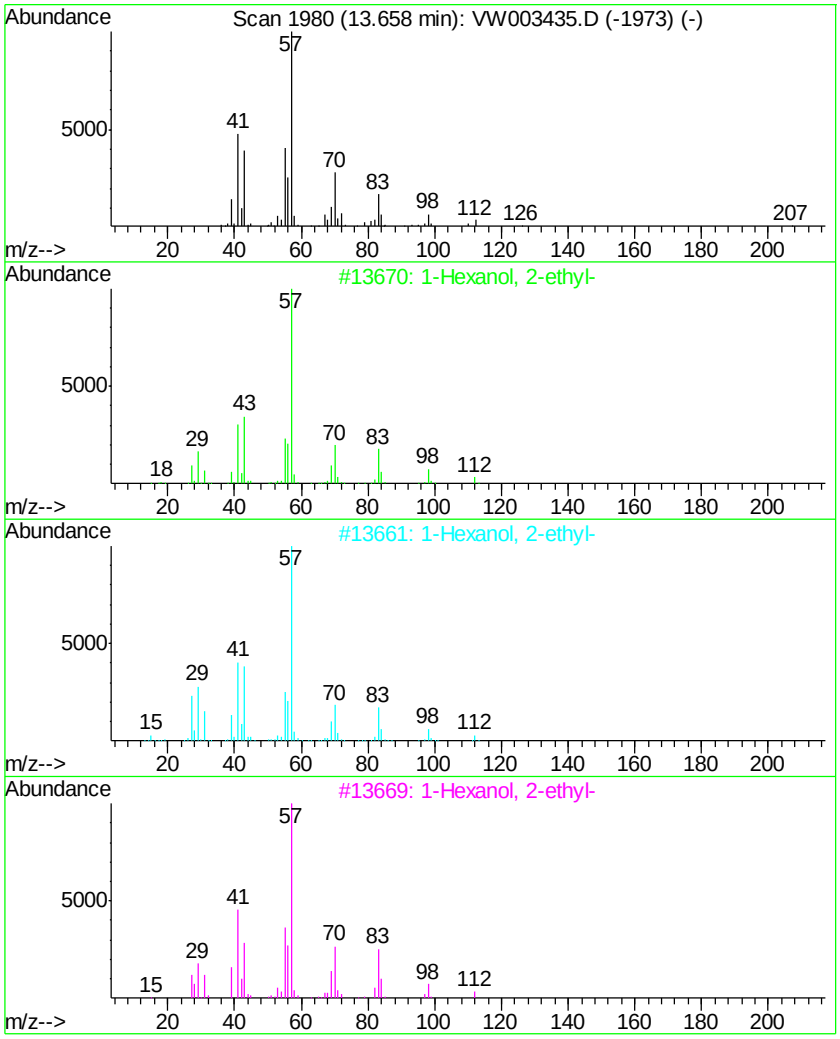
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

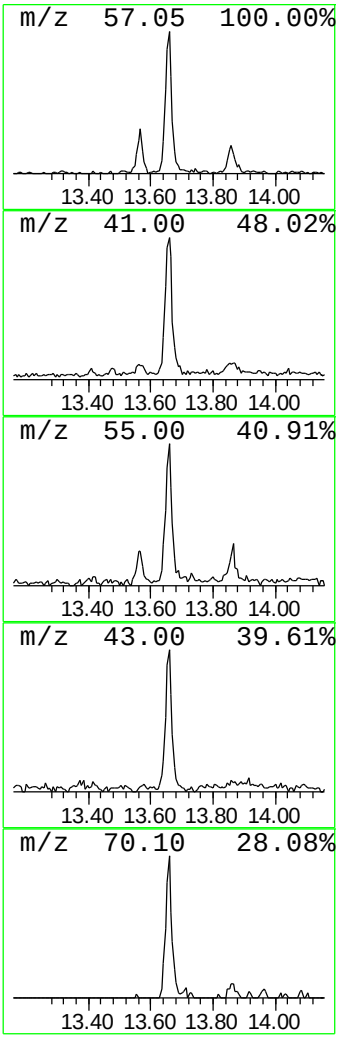
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	1.62 ug/L	52845	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	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	59
5	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	59





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
Dimethyl ether	2.15	8.2	ug/L	231411	1	8.85	703284	25.0
1-Hexanol, 2-ethyl-	13.66	1.6	ug/L	52845	3	13.57	815062	25.0