LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062518\
Data File : VW003547.D
Acq On : 25 Jun 2018 14:37
Operator : SY/AP
Sample : J3621-15
Misc : 7.54G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ77

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	1.673	13	14	16	rBV2	337	274	0.01%	0.003%
2	1.746	18	26	28	rBV	7614	14996	0.58%	0.143%
3	1.807	28	36	57	rVB	1168558	2572551	100.00%	24.476%
4	2.154	88	93	108	rBV	11296	39589	1.54%	0.377%
5	2.349	120	125	134	rVB	46593	81075	3.15%	0.771%
6	2.892	209	214	225	rVB	34122	82814	3.22%	0.788%
7	4.014	387	398	413	rBV	68708	217746	8.46%	2.072%
8	4.617	489	497	505	rBV	3295	10082	0.39%	0.096%
9	4.763	519	521	523	rBV2	464	306	0.01%	0.003%
10	4.837	532	533	535	rBV2	407	392	0.02%	0.004%
11	4.910	536	545	557	rVV4	7862	27496	1.07%	0.262%
12	5.111	576	578	581	rBV3	195	266	0.01%	0.003%
13	5.416	617	628	644	rVB	146928	441806	17.17%	4.204%
14	5.562	649	652	653	rBV2	373	311	0.01%	0.003%
15	5.849	697	699	702	rBV3	326	432	0.02%	0.004%
16	5.940	705	714	723	rVV5	3983	13112	0.51%	0.125%
17	6.050	730	732	737	rVB2	487	528	0.02%	0.005%
18	6.190	753	755	757	rBV	310	328	0.01%	0.003%
19	6.221	757	760	762	rVV2	411	509	0.02%	0.005%
20	6.281	766	770	772	rBV3	194	214	0.01%	0.002%
21	6.361	782	783	785	rBV2	263	214	0.01%	0.002%
22	6.483	801	803	806	rVV2	222	262	0.01%	0.002%
23	6.617	824	825	828	rBV	376	319	0.01%	0.003%
24	6.714	840	841	845	rVB2	364	264	0.01%	0.003%
25	6.763	847	849	851	rBV	256	234	0.01%	0.002%
26	6.903	870	872	874	rBV	422	271	0.01%	0.003%
27	6.964	880	882	883	rBV2	394	261	0.01%	0.002%
28	7.092	894	903	907	rBV	33153	84380	3.28%	0.803%
29	7.172	908	916	931	rVB	434665	1134365	44.09%	10.793%
30	7.489	965	968	970	rBV3	369	426	0.02%	0.004%
31	7.543	975	977	978	rBV2	574	524	0.02%	0.005%
32	7.647	985	994	1005	rVB	145835	354052	13.76%	3.369%
33	7.854	1027	1028	1031	rBV2	386	318	0.01%	0.003%
34	8.031	1055	1057	1059	rVB3	369	288	0.01%	0.003%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ77

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\SOM2WLM062018S.M
Title : VOC Analysis

35	8.281	1088	1098	1112	rBV2	253800	804799	31.28%	7.657%
36	8.543	1139	1141	1143	rVB3	279	229	0.01%	0.002%
37	8.690	1162	1165	1166	rBV2	561	592	0.02%	0.006%
38	8.848	1182	1191	1200	rVV	274698	544106	21.15%	5.177%
39	8.976	1211	1212	1215	rVB	333	240	0.01%	0.002%
40	9.092	1222	1231	1241	rBV	106925	215665	8.38%	2.052%
41	9.281	1254	1262	1272	rBV	207752	409197	15.91%	3.893%
42	9.513	1299	1300	1303	rVV3	375	247	0.01%	0.002%
43	9.537	1303	1304	1307	rVV2	364	227	0.01%	0.002%
44	9.610	1312	1316	1317	rBV3	427	427	0.02%	0.004%
45	9.665	1320	1325	1330	rBV4	1242	2259	0.09%	0.021%
46	9.921	1365	1367	1370	rVB2	383	275	0.01%	0.003%
47	9.952	1370	1372	1373	rBV2	285	240	0.01%	0.002%
48	10.037	1377	1386	1396	rBV	96653	180377	7.01%	1.716%
49	10.122	1398	1400	1403	rBV3	683	619	0.02%	0.006%
50	10.330	1425	1434	1441	rBV	359001	623942	24.25%	5.936%
51	10.390	1441	1444	1450	rVV2	5850	10119	0.39%	0.096%
52	10.464	1454	1456	1457	rBV	292	242	0.01%	0.002%
53	10.506	1461	1463	1468	rVB3	881	1093	0.04%	0.010%
54	10.579	1468	1475	1484	rBV	70592	122278	4.75%	1.163%
55	10.714	1493	1497	1499	rBV	1372	1631	0.06%	0.016%
56	10.933	1525	1533	1543	rBV	125444	213093	8.28%	2.027%
57	11.183	1571	1574	1577	rVB2	475	632	0.02%	0.006%
58	11.335	1597	1599	1601	rBV	421	351	0.01%	0.003%
59	11.378	1603	1606	1607	rBV	424	315	0.01%	0.003%
60	11.421	1609	1613	1616	rVV3	571	805	0.03%	0.008%
61	11.634	1638	1648	1658	rBV	407493	694738	27.01%	6.610%
62	11.701	1658	1659	1660	rBV	443	238	0.01%	0.002%
63	11.848	1677	1683	1690	rVB4	2108	4216	0.16%	0.040%
64	11.963	1700	1702	1703	rBV	273	242	0.01%	0.002%
65	12.030	1712	1713	1718	rBV	261	317	0.01%	0.003%
66	12.091	1722	1723	1728	rBV3	456	593	0.02%	0.006%
67	12.171	1731	1736	1737	rBV3	987	1240	0.05%	0.012%
68	12.244	1746	1748	1749	rBV2	564	381	0.01%	0.004%
69	12.293	1755	1756	1759	rBV	391	333	0.01%	0.003%
70	12.341	1762	1764	1772	rVB4	379	759	0.03%	0.007%
71	12.475	1783	1786	1790	rVB3	514	693	0.03%	0.007%

LSC Area Percent Report

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Instrument : MSVOA_W
ClientSampleId : DAZ77

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\SOM2WLM062018S.M
Title : VOC Analysis

72	12.518	1790	1793	1796	rVB3	456	611	0.02%	0.006%
73	12.555	1796	1799	1803	rBV4	395	768	0.03%	0.007%
74	12.616	1804	1809	1816	rVB2	2153	3875	0.15%	0.037%
75	12.701	1816	1823	1830	rBV	201992	327731	12.74%	3.118%
76	12.756	1830	1832	1835	rVB2	428	414	0.02%	0.004%
77	12.847	1845	1847	1849	rBV	357	251	0.01%	0.002%
78	12.902	1851	1856	1862	rVV2	1893	3612	0.14%	0.034%
79	12.951	1862	1864	1868	rVB4	692	907	0.04%	0.009%
80	13.085	1884	1886	1888	rVB	568	488	0.02%	0.005%
81	13.110	1888	1890	1893	rBV	350	406	0.02%	0.004%
82	13.238	1909	1911	1914	rBV3	507	695	0.03%	0.007%
83	13.311	1921	1923	1925	rVB	374	249	0.01%	0.002%
84	13.353	1929	1930	1933	rBV2	319	290	0.01%	0.003%
85	13.390	1934	1936	1938	rBV2	391	251	0.01%	0.002%
86	13.475	1945	1950	1953	rBV4	1350	2198	0.09%	0.021%
87	13.567	1958	1965	1974	rBV	372443	590494	22.95%	5.618%
88	13.658	1974	1980	1993	rVV2	41189	68222	2.65%	0.649%
89	13.859	2006	2013	2026	rVB	345664	575477	22.37%	5.475%
90	13.951	2026	2028	2029	rBV2	466	289	0.01%	0.003%
91	14.085	2046	2050	2055	rVB3	2969	4516	0.18%	0.043%
92	14.237	2072	2075	2082	rVB7	1359	2747	0.11%	0.026%
93	14.341	2089	2092	2095	rVB4	2050	2416	0.09%	0.023%
94	15.024	2202	2204	2205	rBV2	492	372	0.01%	0.004%
95	15.109	2216	2218	2221	rBV2	717	520	0.02%	0.005%
96	15.140	2221	2223	2224	rBV2	887	568	0.02%	0.005%
97	15.286	2246	2247	2252	rBV4	507	626	0.02%	0.006%
98	15.512	2282	2284	2290	rVB5	1085	1636	0.06%	0.016%
99	16.322	2415	2417	2419	rBV2	545	410	0.02%	0.004%
100	16.767	2488	2490	2492	rBV2	544	618	0.02%	0.006%

Sum of corrected areas: 10510412

LSC Report - Integrated Chromatogram

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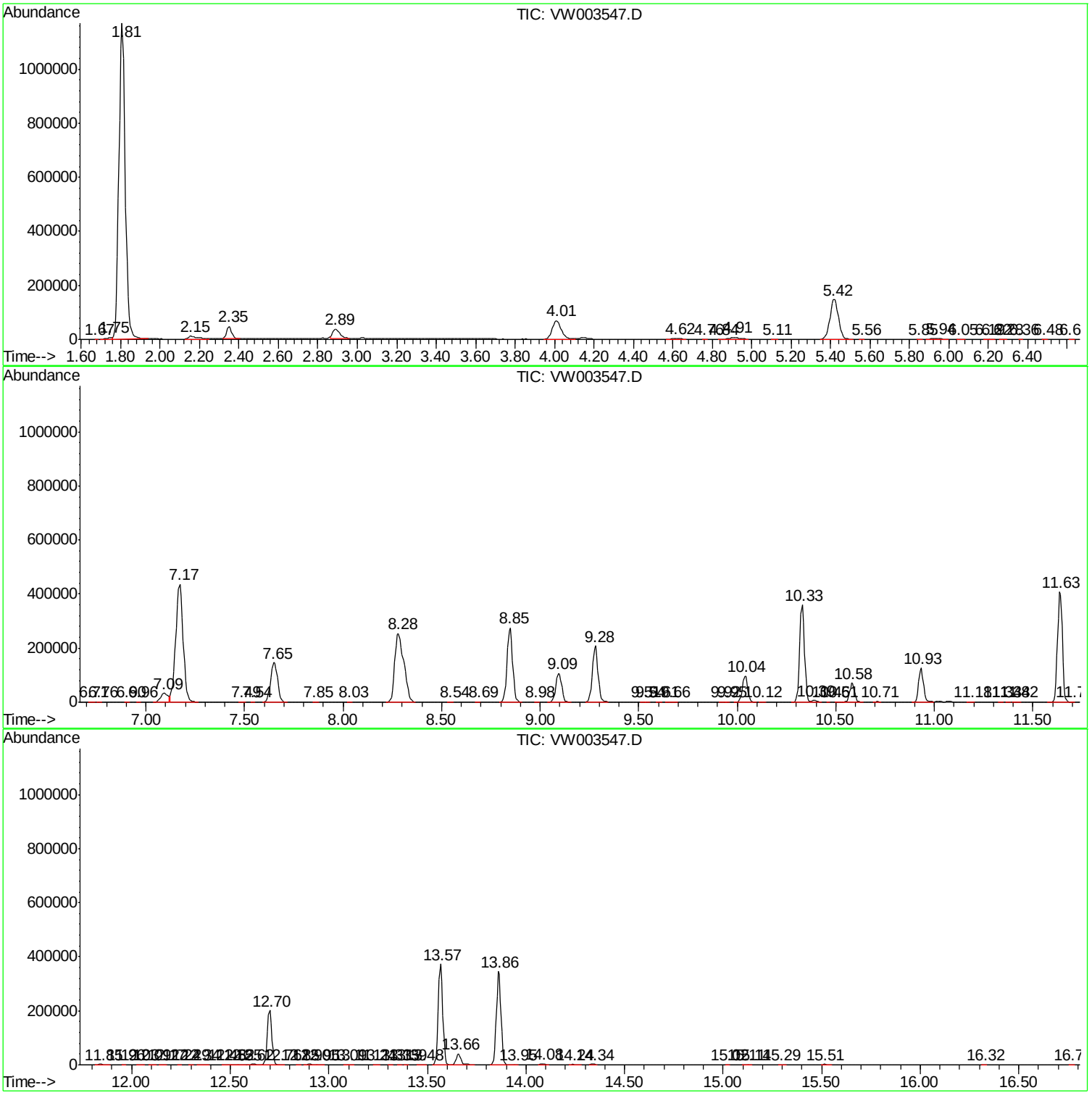
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ77

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

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Quant Title : VOC Analysis

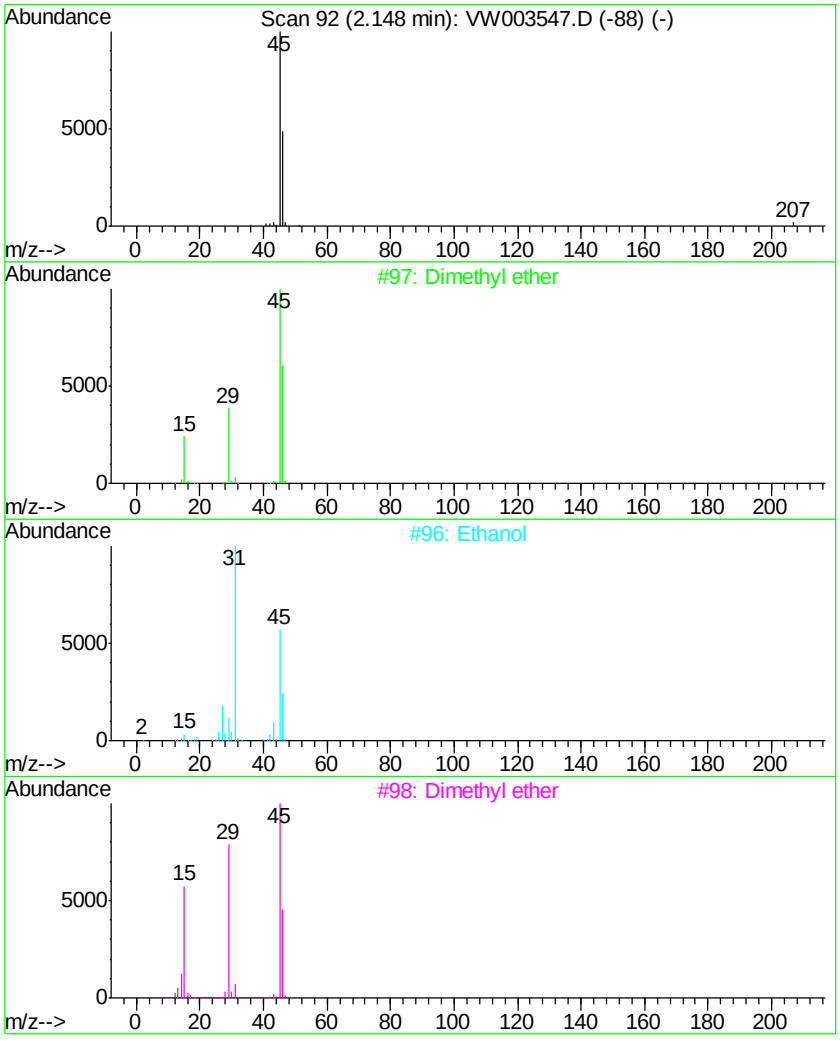
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

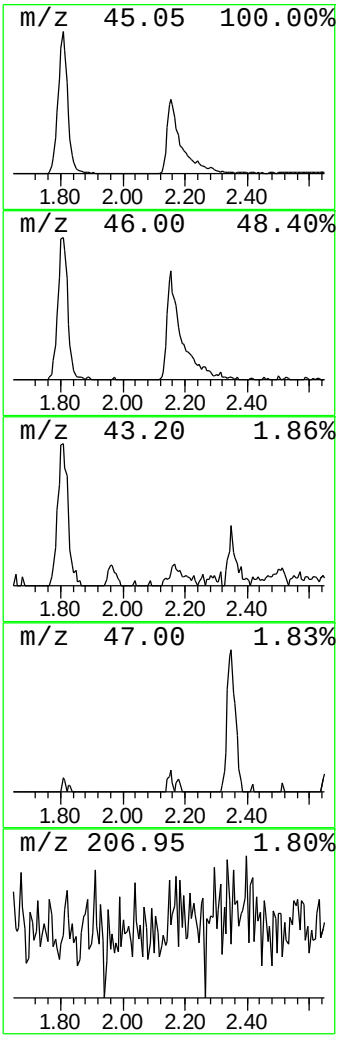
****

Peak Number 2 Dimethyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.82 ug/L	39589	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	9
2	Ethanol	46	C2H6O	000064-17-5	9
3	Dimethyl ether	46	C2H6O	000115-10-6	9
4	Ethanol	46	C2H6O	000064-17-5	7
5	Ethanol	46	C2H6O	000064-17-5	7





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ALS Vial : 1 Sample Multiplier: 1

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

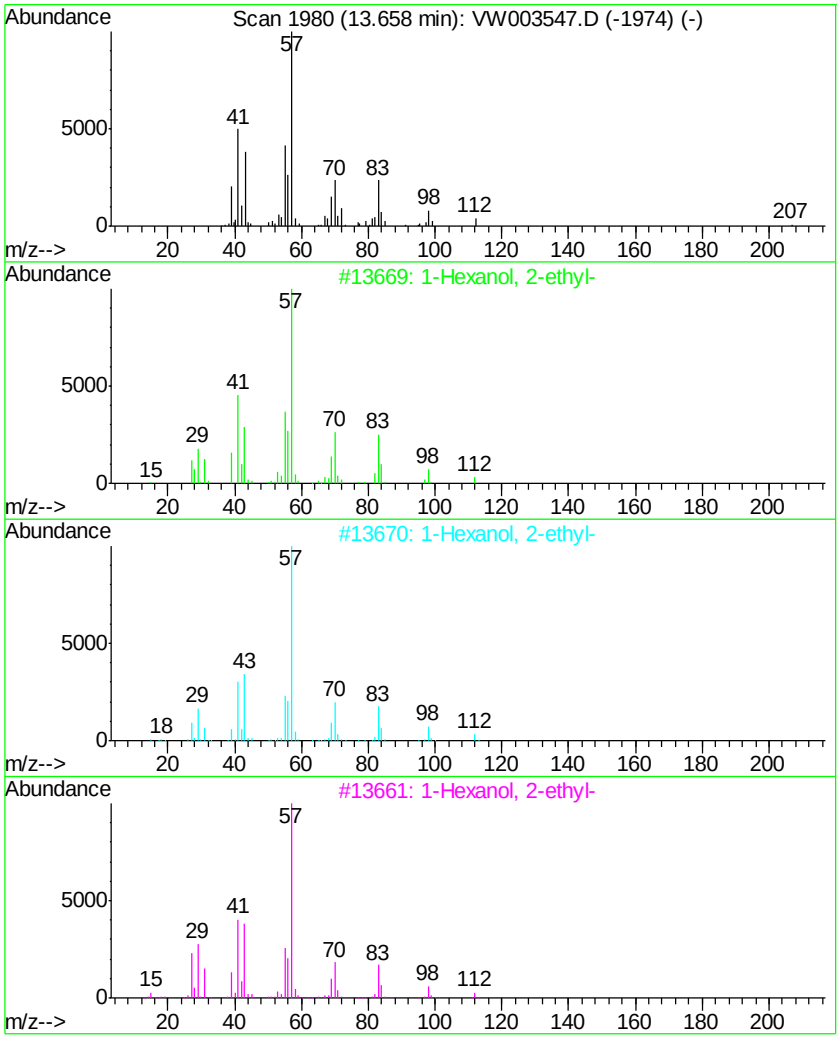
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

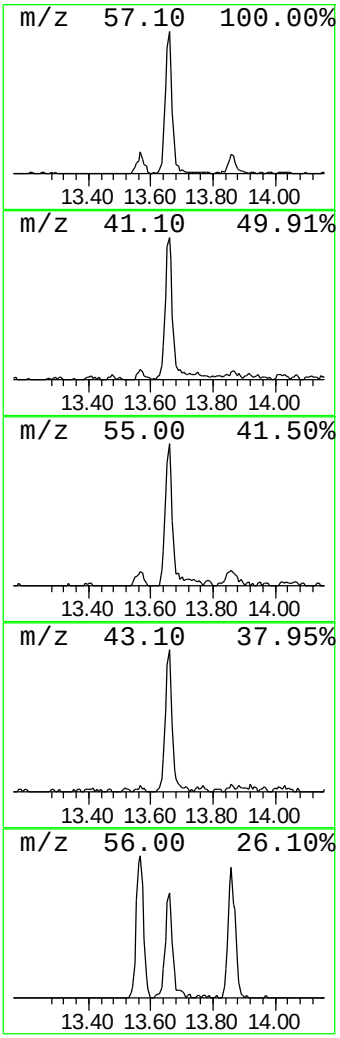
****

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	2.89 ug/L	68222	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	80
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
5	Acetic acid, cyano-, 2-ethylhexy...	197	C11H19NO2	013361-34-7	47





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	1.8	ug/L	39589	1	8.85	544106	25.0
1-Hexanol, 2-ethyl-	13.66	2.9	ug/L	68222	3	13.57	590494	25.0