LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102919\
Data File : VW013810.D
Acq On : 29 Oct 2019 23:28
Operator : SY/VA
Sample : K5565-06
Misc : 3.26G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNA5

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\SOM2WLM101819S.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	38	42	51	rBV3	10509	19211	1.92%	0.293%
2	2.355	68	74	86	rVB	78650	147171	14.70%	2.248%
3	2.495	93	97	108	rBV	8295	20081	2.01%	0.307%
4	2.806	146	148	153	rBV	1821	1951	0.19%	0.030%
5	2.891	155	162	173	rVV	51952	129759	12.96%	1.982%
6	3.263	221	223	225	rBV	530	390	0.04%	0.006%
7	3.312	229	231	233	rBV2	333	328	0.03%	0.005%
8	3.330	233	234	236	rBV	372	338	0.03%	0.005%
9	3.434	250	251	254	rBV2	286	272	0.03%	0.004%
10	3.470	254	257	258	rBV	475	498	0.05%	0.008%
11	3.525	261	266	268	rBV3	1290	2186	0.22%	0.033%
12	3.647	283	286	288	rBV2	336	489	0.05%	0.007%
13	3.678	288	291	295	rVV2	786	1068	0.11%	0.016%
14	3.824	311	315	317	rBV	240	254	0.03%	0.004%
15	3.867	321	322	326	rVB2	354	285	0.03%	0.004%
16	4.019	335	347	358	rBV	105977	344695	34.44%	5.265%
17	4.391	398	408	415	rBV2	5767	14576	1.46%	0.223%
18	4.519	427	429	431	rBV	384	281	0.03%	0.004%
19	4.744	463	466	468	rBV2	348	412	0.04%	0.006%
20	4.787	470	473	474	rBV	308	319	0.03%	0.005%
21	4.915	484	494	511	rVB4	12487	46802	4.68%	0.715%
22	5.025	511	512	518	rBV2	274	492	0.05%	0.008%
23	5.299	555	557	562	rVB2	323	467	0.05%	0.007%
24	5.342	562	564	566	rBV2	298	321	0.03%	0.005%
25	5.433	577	579	582	rVB2	367	396	0.04%	0.006%
26	5.647	612	614	615	rBV2	242	257	0.03%	0.004%
27	5.695	620	622	624	rBV2	279	284	0.03%	0.004%
28	5.781	626	636	650	rVV2	9560	28693	2.87%	0.438%
29	5.939	655	662	671	rVB6	2083	5917	0.59%	0.090%
30	6.067	681	683	687	rBV2	269	357	0.04%	0.005%
31	6.305	719	722	725	rVB2	316	327	0.03%	0.005%
32	6.330	725	726	730	rBV	221	264	0.03%	0.004%
33	6.896	813	819	831	rVB4	3319	9555	0.95%	0.146%
34	7.073	840	848	854	rBV	29449	85726	8.56%	1.309%

LSC Area Percent Report

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Misc : 3.26G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNA5

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\SOM2WLM101819S.M
Title : VOC Analysis

35	7.506	915	919	921	rBV2	326	392	0.04%	0.006%
36	7.652	932	943	955	rBV	169085	423074	42.27%	6.463%
37	7.799	964	967	968	rBV	339	365	0.04%	0.006%
38	7.817	968	970	973	rBV2	259	267	0.03%	0.004%
39	7.957	991	993	996	rVB	490	387	0.04%	0.006%
40	7.994	997	999	1005	rVB	432	445	0.04%	0.007%
41	8.274	1035	1045	1062	rVV2	346576	1000996	100.00%	15.290%
42	8.555	1084	1091	1099	rVV2	3306	7018	0.70%	0.107%
43	8.713	1111	1117	1123	rVB4	1784	4029	0.40%	0.062%
44	8.841	1129	1138	1151	rBV	275770	539389	53.89%	8.239%
45	9.036	1167	1170	1173	rBV3	1520	2192	0.22%	0.033%
46	9.274	1200	1209	1219	rBV	235533	467489	46.70%	7.141%
47	9.408	1227	1231	1236	rBV4	1690	2999	0.30%	0.046%
48	9.445	1236	1237	1241	rVB2	677	680	0.07%	0.010%
49	9.506	1244	1247	1251	rBV2	403	528	0.05%	0.008%
50	9.652	1267	1271	1272	rBV	574	657	0.07%	0.010%
51	9.768	1289	1290	1293	rVV2	405	267	0.03%	0.004%
52	9.823	1295	1299	1300	rBV	260	347	0.03%	0.005%
53	10.036	1324	1334	1344	rBV	97093	182779	18.26%	2.792%
54	10.213	1359	1363	1366	rBV4	477	582	0.06%	0.009%
55	10.323	1372	1381	1388	rBV	448179	780008	77.92%	11.915%
56	10.493	1404	1409	1416	rVB4	639	1630	0.16%	0.025%
57	10.579	1416	1423	1431	rBV	61092	108691	10.86%	1.660%
58	10.707	1437	1444	1452	rVB2	25156	45180	4.51%	0.690%
59	10.859	1461	1469	1473	rBV4	1154	2024	0.20%	0.031%
60	10.926	1473	1480	1490	rBV	106868	183090	18.29%	2.797%
61	11.066	1497	1503	1512	rVB4	12739	23854	2.38%	0.364%
62	11.176	1519	1521	1523	rVB	543	255	0.03%	0.004%
63	11.365	1551	1552	1556	rBV2	288	331	0.03%	0.005%
64	11.438	1556	1564	1571	rVB2	9332	16269	1.63%	0.249%
65	11.627	1588	1595	1607	rVV	329495	564688	56.41%	8.626%
66	11.798	1620	1623	1625	rBV2	436	533	0.05%	0.008%
67	11.835	1627	1629	1630	rBV2	545	388	0.04%	0.006%
68	12.011	1656	1658	1659	rBV	319	252	0.03%	0.004%
69	12.054	1662	1665	1667	rBV	354	338	0.03%	0.005%
70	12.078	1667	1669	1671	rBV	481	251	0.03%	0.004%
71	12.158	1680	1682	1691	rBV7	998	2211	0.22%	0.034%

LSC Area Percent Report

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Misc : 3.26G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNA5

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\SOM2WLM101819S.M
Title : VOC Analysis

72	12.243	1694	1696	1699	rBV2	535	641	0.06%	0.010%
73	12.341	1706	1712	1717	rBV4	1731	3006	0.30%	0.046%
74	12.469	1730	1733	1737	rBV4	1651	2015	0.20%	0.031%
75	12.554	1744	1747	1749	rBV2	271	292	0.03%	0.004%
76	12.609	1749	1756	1763	rBV2	43237	70577	7.05%	1.078%
77	12.694	1763	1770	1777	rBV	143707	238133	23.79%	3.638%
78	12.847	1790	1795	1796	rBV2	480	693	0.07%	0.011%
79	12.895	1799	1803	1806	rVV2	3866	6612	0.66%	0.101%
80	12.932	1806	1809	1815	rVB	8461	12878	1.29%	0.197%
81	13.084	1832	1834	1838	rVB3	1060	1057	0.11%	0.016%
82	13.292	1859	1868	1874	rVB6	6193	14162	1.41%	0.216%
83	13.401	1881	1886	1892	rBV6	2798	5216	0.52%	0.080%
84	13.468	1893	1897	1901	rBV6	1653	2412	0.24%	0.037%
85	13.505	1901	1903	1905	rVV3	1358	1579	0.16%	0.024%
86	13.560	1905	1912	1922	rVV	278285	458652	45.82%	7.006%
87	13.645	1922	1926	1937	rVB	14196	25012	2.50%	0.382%
88	13.761	1942	1945	1948	rBV3	2471	3326	0.33%	0.051%
89	13.853	1953	1960	1967	rBV	250638	415886	41.55%	6.353%
90	14.017	1983	1987	1990	rBV2	1225	1673	0.17%	0.026%
91	14.066	1991	1995	2003	rVB2	12424	20522	2.05%	0.313%
92	14.206	2015	2018	2021	rVB3	665	900	0.09%	0.014%
93	14.334	2033	2039	2047	rVB7	3578	7067	0.71%	0.108%
94	14.694	2096	2098	2100	rBV	582	580	0.06%	0.009%
95	14.718	2100	2102	2109	rVB7	1715	2923	0.29%	0.045%
96	14.822	2117	2119	2122	rBV2	605	490	0.05%	0.007%
97	15.316	2197	2200	2203	rBV2	768	1136	0.11%	0.017%
98	15.438	2216	2220	2226	rVB	12488	18193	1.82%	0.278%
99	15.566	2237	2241	2243	rBV5	815	1249	0.12%	0.019%
100	15.651	2253	2255	2256	rBV	636	411	0.04%	0.006%

Sum of corrected areas: 6546590

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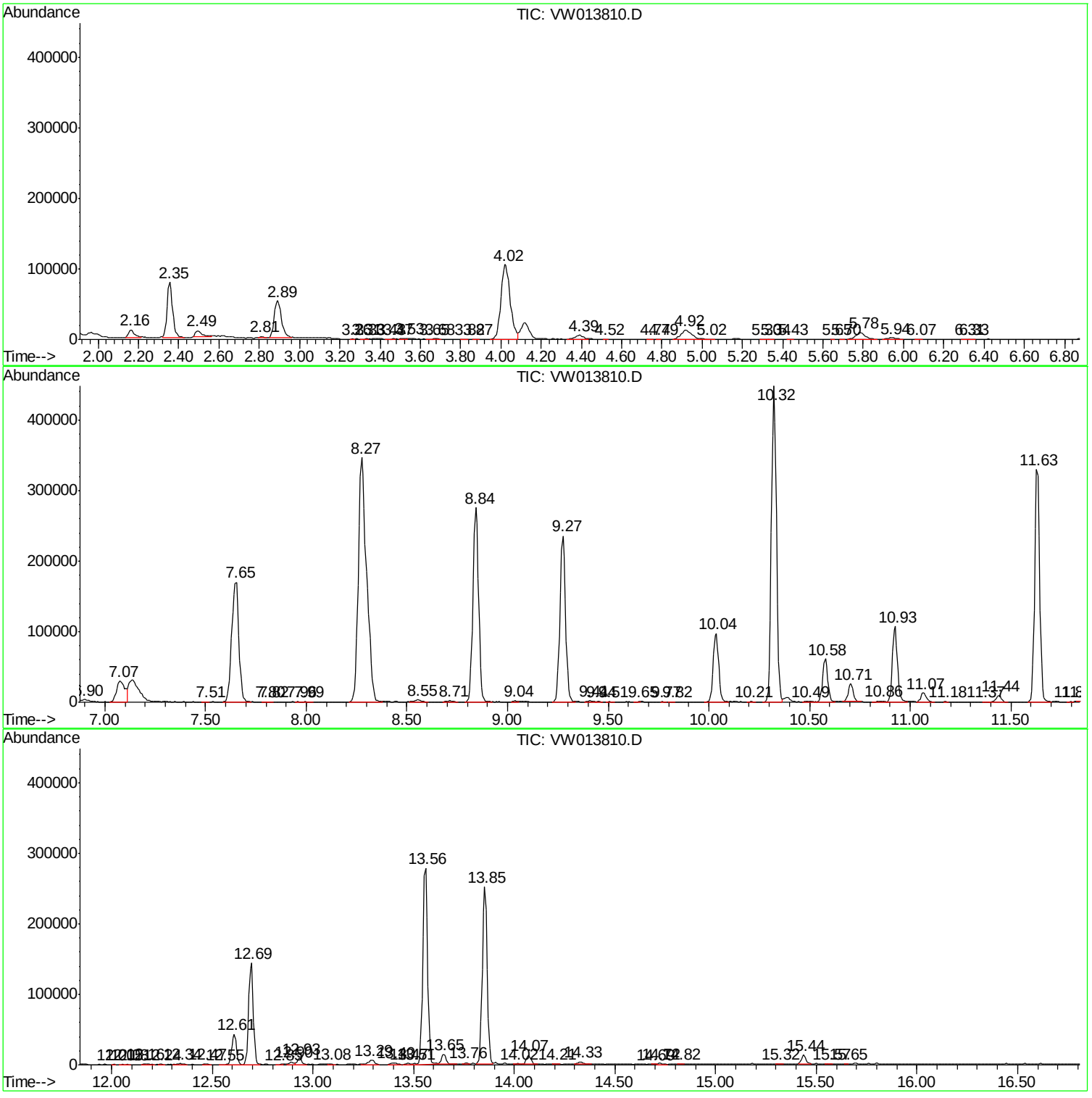
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102919\
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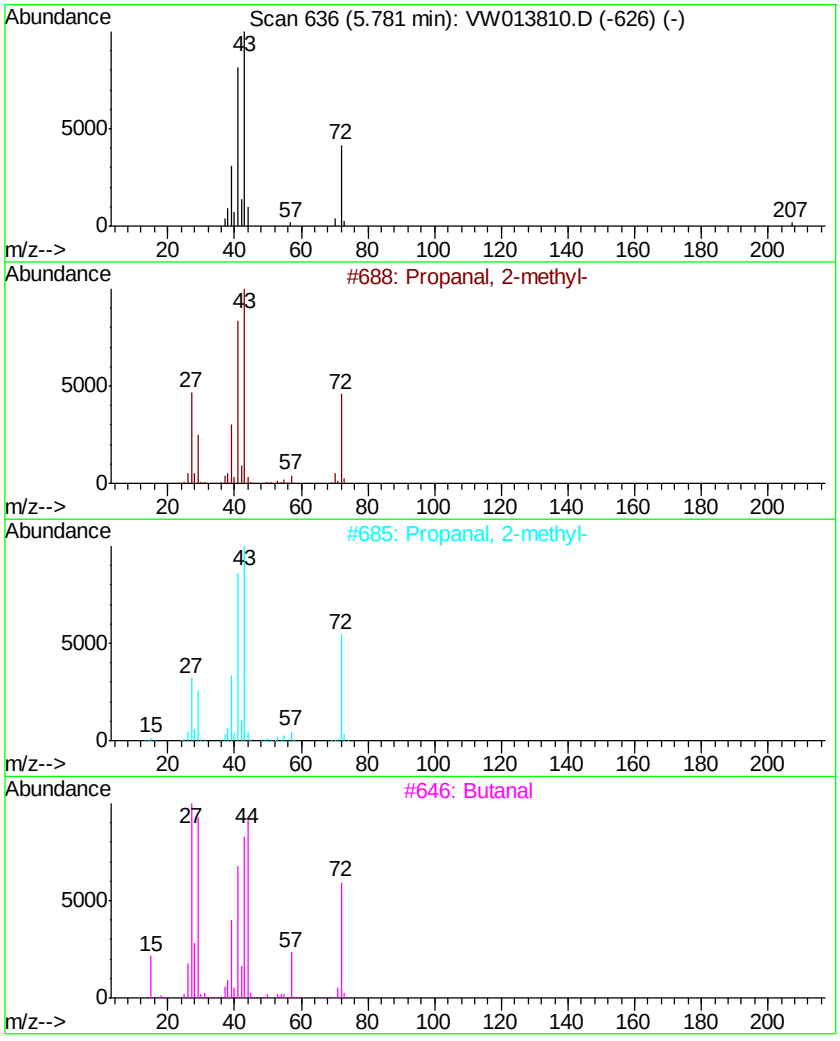
TIC Integration Parameters: LSCINT.P

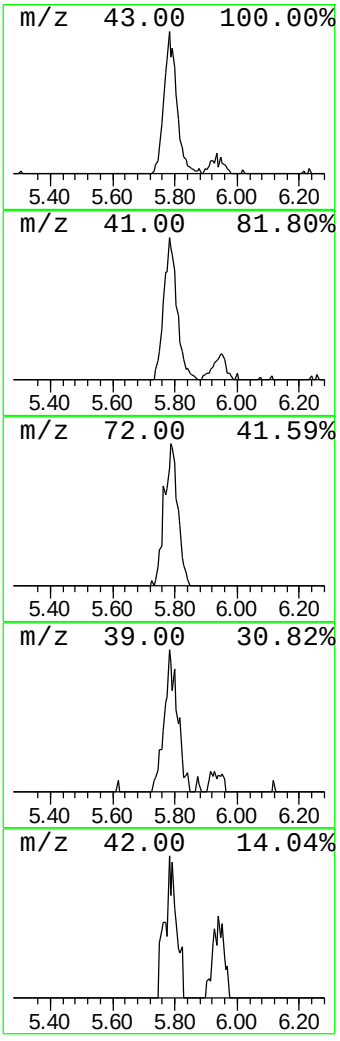
****

Peak Number 1 Propanal, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	1.33 ug/L	28693	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-	72	C4H8O	000078-84-2	86
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	86
3	Butanal	72	C4H8O	000123-72-8	58
4	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	38
5	Oxirane, 2-ethyl-3-propyl-, trans-	114	C7H14O	056052-95-0	38





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Instrument : MSVOA_W
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

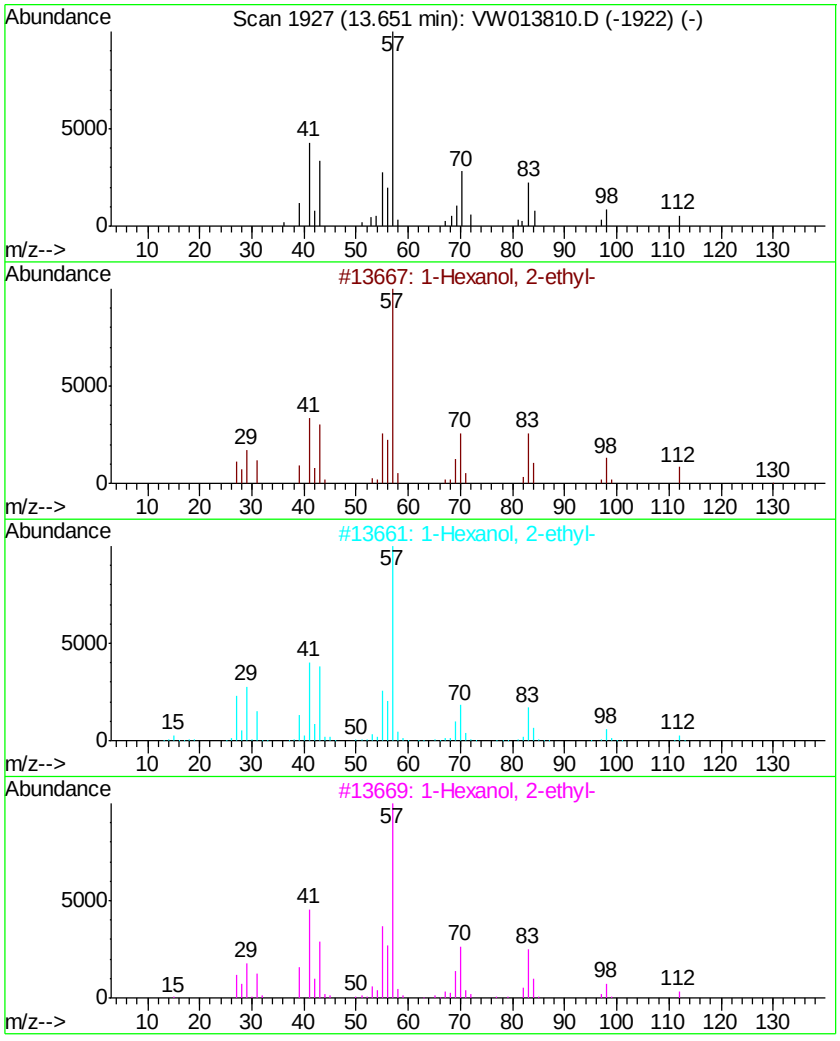
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

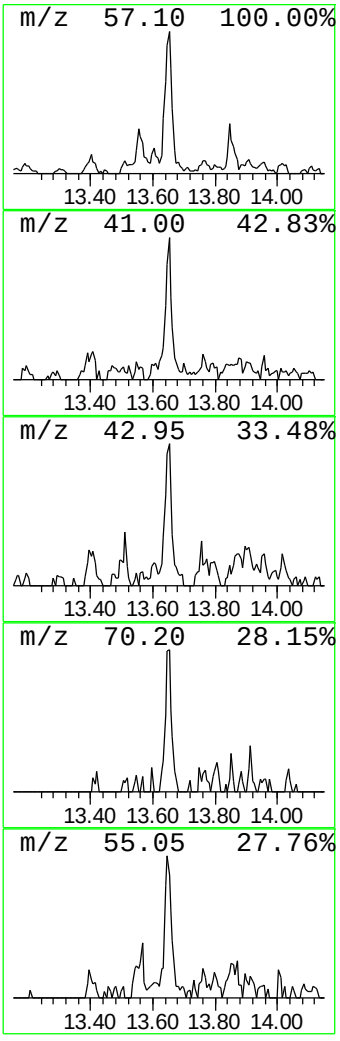
****

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	1.36 ug/L	25012	1,4-Dichlorobenzene-d4	13.56

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	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56





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
Propanal, 2-methyl-	5.78	1.3	ug/L	28693	1	8.84	539389	25.0
1-Hexanol, 2-ethyl-	13.65	1.4	ug/L	25012	3	13.56	458652	25.0