LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062218\
Data File : VW003421.D
Acq On : 22 Jun 2018 12:38
Operator : SY/AP
Sample : J3619-01
Misc : 7.16G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ63

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	1.642	7	9	11	rVB2	399	316	0.01%	0.003%
2	1.673	11	14	15	rBV2	400	401	0.02%	0.004%
3	1.752	18	27	28	rBV	9293	17359	0.75%	0.180%
4	1.807	28	36	57	rVB	1094823	2308459	100.00%	23.890%
5	2.154	87	93	119	rBV	169872	543056	23.52%	5.620%
6	2.349	120	125	138	rVB	62943	117495	5.09%	1.216%
7	2.892	208	214	228	rVB	47112	110633	4.79%	1.145%
8	3.837	367	369	372	rBV4	1177	1728	0.07%	0.018%
9	4.007	387	397	412	rBV	91513	274669	11.90%	2.843%
10	4.355	451	454	456	rBV2	404	392	0.02%	0.004%
11	4.459	469	471	473	rBV	393	281	0.01%	0.003%
12	4.824	529	531	535	rBV3	296	346	0.01%	0.004%
13	4.904	535	544	558	rBV2	12609	46027	1.99%	0.476%
14	5.166	585	587	590	rBV2	393	345	0.01%	0.004%
15	5.251	600	601	605	rVB2	444	424	0.02%	0.004%
16	5.282	605	606	609	rBV2	412	410	0.02%	0.004%
17	5.336	611	615	617	rBV	449	519	0.02%	0.005%
18	5.605	656	659	662	rBV3	433	629	0.03%	0.007%
19	5.940	702	714	724	rBV4	11429	36550	1.58%	0.378%
20	6.038	729	730	732	rBV2	414	329	0.01%	0.003%
21	6.105	739	741	750	rVB4	604	1320	0.06%	0.014%
22	6.172	750	752	755	rVB2	376	326	0.01%	0.003%
23	6.288	769	771	777	rBV3	268	425	0.02%	0.004%
24	6.391	786	788	790	rVB2	411	305	0.01%	0.003%
25	6.428	790	794	795	rBV2	304	339	0.01%	0.004%
26	6.440	795	796	799	rBV3	317	301	0.01%	0.003%
27	6.653	828	831	832	rBV3	309	278	0.01%	0.003%
28	6.726	839	843	845	rBV2	331	394	0.02%	0.004%
29	6.891	864	870	871	rBV4	554	868	0.04%	0.009%
30	7.092	894	903	926	rBV	40423	132651	5.75%	1.373%
31	7.653	985	995	1009	rVB	151185	367726	15.93%	3.806%
32	7.757	1009	1012	1014	rBV2	589	490	0.02%	0.005%
33	7.946	1038	1043	1050	rBV3	620	1493	0.06%	0.015%
34	8.025	1054	1056	1059	rVB2	337	316	0.01%	0.003%

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Instrument : MSVOA_W
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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	8.110	1069	1070	1073	rVB2	660	512	0.02%	0.005%
36	8.159	1073	1078	1079	rBV2	419	473	0.02%	0.005%
37	8.281	1087	1098	1113	rBV2	277406	866413	37.53%	8.967%
38	8.476	1125	1130	1131	rBV3	420	646	0.03%	0.007%
39	8.671	1160	1162	1164	rBV2	260	308	0.01%	0.003%
40	8.848	1183	1191	1204	rVV	284437	557054	24.13%	5.765%
41	8.958	1208	1209	1213	rVB3	632	488	0.02%	0.005%
42	9.080	1222	1229	1236	rVB10	1896	4817	0.21%	0.050%
43	9.202	1247	1249	1250	rVB2	451	271	0.01%	0.003%
44	9.281	1252	1262	1271	rBV	206937	424359	18.38%	4.392%
45	9.519	1299	1301	1304	rVB3	421	408	0.02%	0.004%
46	9.598	1312	1314	1317	rVB	282	352	0.02%	0.004%
47	9.628	1317	1319	1320	rBV	449	276	0.01%	0.003%
48	9.665	1320	1325	1329	rBV4	830	1712	0.07%	0.018%
49	9.878	1358	1360	1365	rVB	440	456	0.02%	0.005%
50	9.964	1372	1374	1376	rVB2	438	381	0.02%	0.004%
51	10.037	1376	1386	1394	rBV	106471	198314	8.59%	2.052%
52	10.329	1426	1434	1441	rBV	367906	656666	28.45%	6.796%
53	10.506	1459	1463	1468	rVB3	613	1040	0.05%	0.011%
54	10.579	1468	1475	1484	rBV2	84334	144381	6.25%	1.494%
55	10.671	1489	1490	1493	rVV2	376	344	0.01%	0.004%
56	10.714	1493	1497	1502	rVB4	1077	2065	0.09%	0.021%
57	10.811	1511	1513	1515	rVB3	476	356	0.02%	0.004%
58	10.835	1515	1517	1518	rBV	325	308	0.01%	0.003%
59	10.933	1525	1533	1547	rBV	165768	278521	12.07%	2.882%
60	11.079	1551	1557	1566	rVB6	5818	11578	0.50%	0.120%
61	11.323	1595	1597	1601	rBV4	553	798	0.03%	0.008%
62	11.500	1623	1626	1629	rBV	347	391	0.02%	0.004%
63	11.537	1629	1632	1635	rBV3	335	497	0.02%	0.005%
64	11.634	1641	1648	1658	rBV	427075	732792	31.74%	7.584%
65	11.811	1673	1677	1678	rVV	463	486	0.02%	0.005%
66	11.848	1678	1683	1688	rVB4	1547	2680	0.12%	0.028%
67	11.933	1694	1697	1701	rBV2	439	537	0.02%	0.006%
68	11.982	1703	1705	1707	rVB	457	351	0.02%	0.004%
69	12.012	1707	1710	1711	rBV2	373	432	0.02%	0.004%
70	12.024	1711	1712	1718	rVB2	607	539	0.02%	0.006%
71	12.104	1718	1725	1729	rVB3	1098	1990	0.09%	0.021%

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ClientSampleId : DAZ63

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	12.165	1729	1735	1736	rBV3	936	1246	0.05%	0.013%
73	12.341	1762	1764	1766	rBV3	644	586	0.03%	0.006%
74	12.439	1778	1780	1782	rBV3	419	451	0.02%	0.005%
75	12.475	1782	1786	1791	rVB5	1176	1749	0.08%	0.018%
76	12.622	1805	1810	1814	rVB3	2261	3484	0.15%	0.036%
77	12.701	1816	1823	1832	rVB	222504	363593	15.75%	3.763%
78	12.811	1837	1841	1843	rVB3	606	765	0.03%	0.008%
79	12.860	1847	1849	1851	rBV3	329	354	0.02%	0.004%
80	12.884	1851	1853	1854	rBV2	468	460	0.02%	0.005%
81	12.945	1859	1863	1867	rVV4	1947	2717	0.12%	0.028%
82	12.975	1867	1868	1871	rVB2	414	319	0.01%	0.003%
83	13.030	1874	1877	1879	rBV2	475	686	0.03%	0.007%
84	13.250	1910	1913	1915	rBV3	629	744	0.03%	0.008%
85	13.329	1925	1926	1929	rVB2	355	292	0.01%	0.003%
86	13.372	1929	1933	1934	rBV2	488	461	0.02%	0.005%
87	13.408	1935	1939	1942	rVV4	1377	1707	0.07%	0.018%
88	13.475	1946	1950	1956	rBV6	4960	8680	0.38%	0.090%
89	13.567	1958	1965	1972	rVV	440651	691524	29.96%	7.157%
90	13.756	1994	1996	1999	rBV2	539	581	0.03%	0.006%
91	13.859	2006	2013	2026	rVB	402263	676255	29.29%	6.999%
92	14.085	2046	2050	2058	rVB3	11860	21306	0.92%	0.220%
93	14.237	2070	2075	2083	rBV4	2037	4027	0.17%	0.042%
94	14.341	2086	2092	2100	rBV6	5572	9690	0.42%	0.100%
95	14.506	2117	2119	2121	rBV3	783	586	0.03%	0.006%
96	14.640	2139	2141	2146	rVB5	1058	1337	0.06%	0.014%
97	14.798	2165	2167	2168	rBV2	946	952	0.04%	0.010%
98	14.957	2192	2193	2200	rBV4	667	1103	0.05%	0.011%
99	15.371	2258	2261	2262	rBV2	732	635	0.03%	0.007%
100	15.518	2281	2285	2290	rVB	2966	4840	0.21%	0.050%

Sum of corrected areas: 9662722

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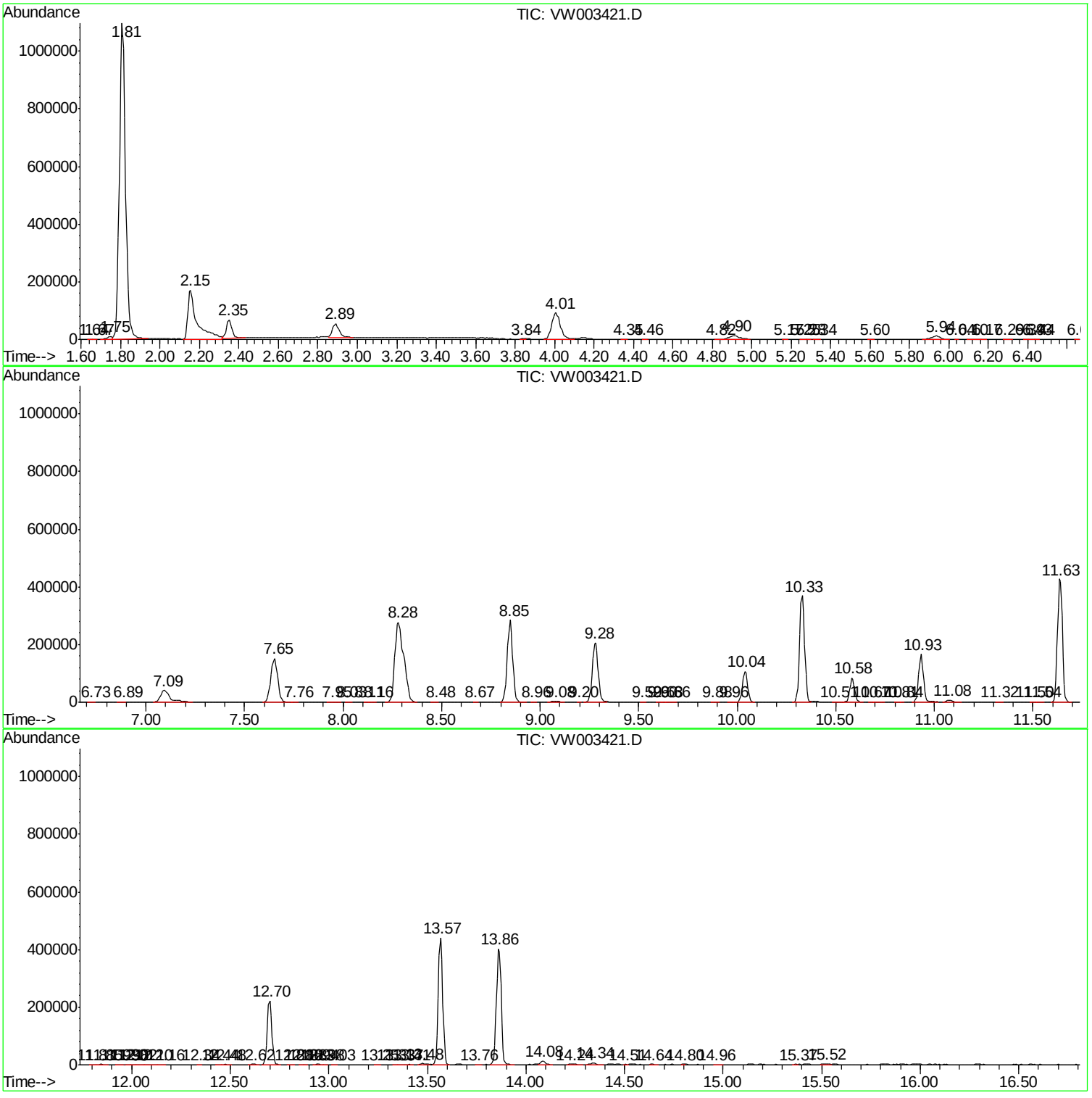
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062218\
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ClientSampleId : DAZ63

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

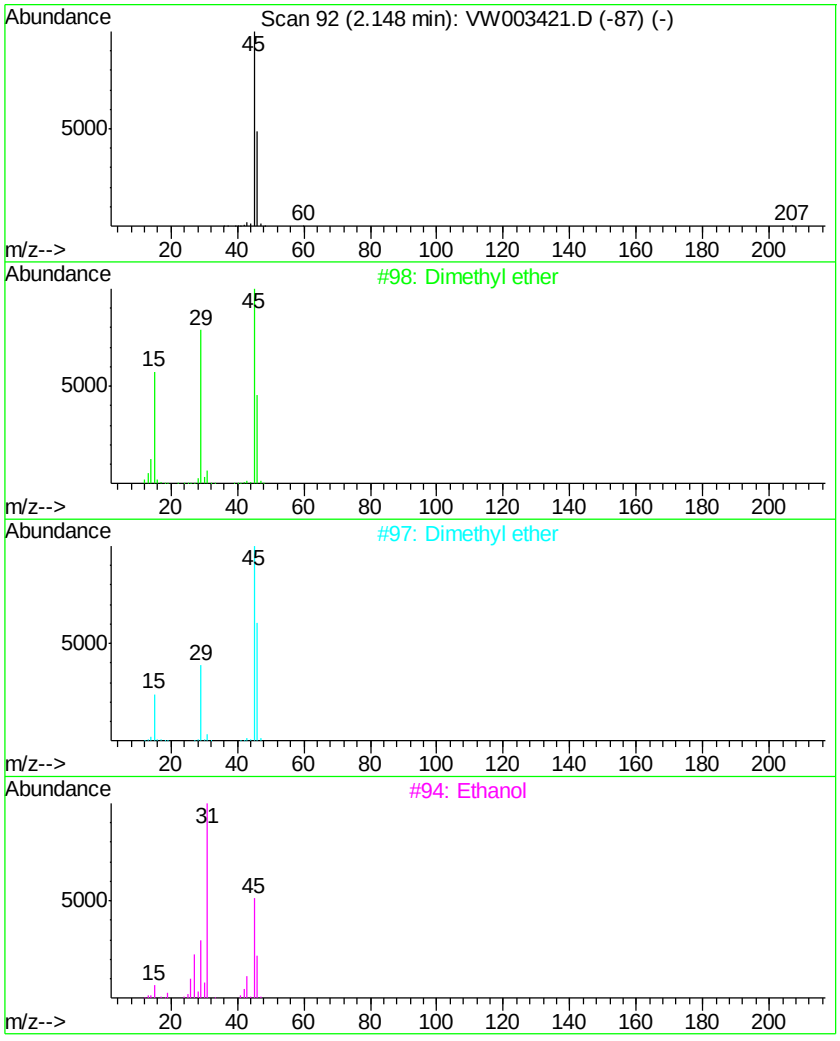
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

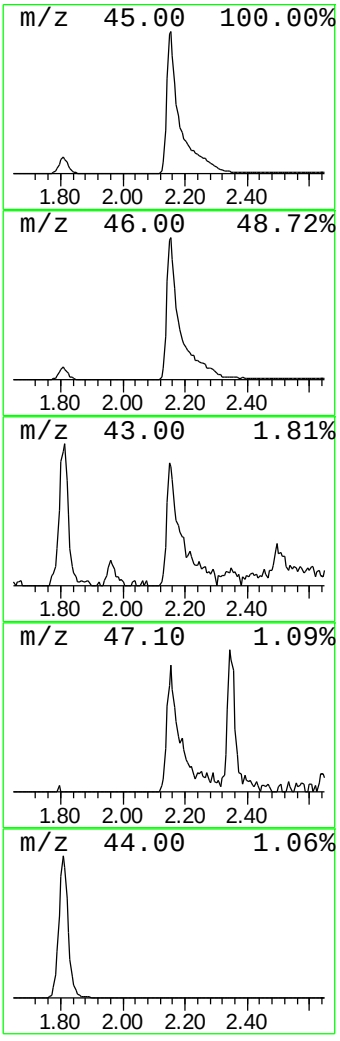
****

Peak Number 2 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	24.37 ug/L	543056	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	9
3	Ethanol	46	C2H6O	000064-17-5	7
4	Formic acid	46	CH2O2	000064-18-6	7
5	Ethanol	46	C2H6O	000064-17-5	7





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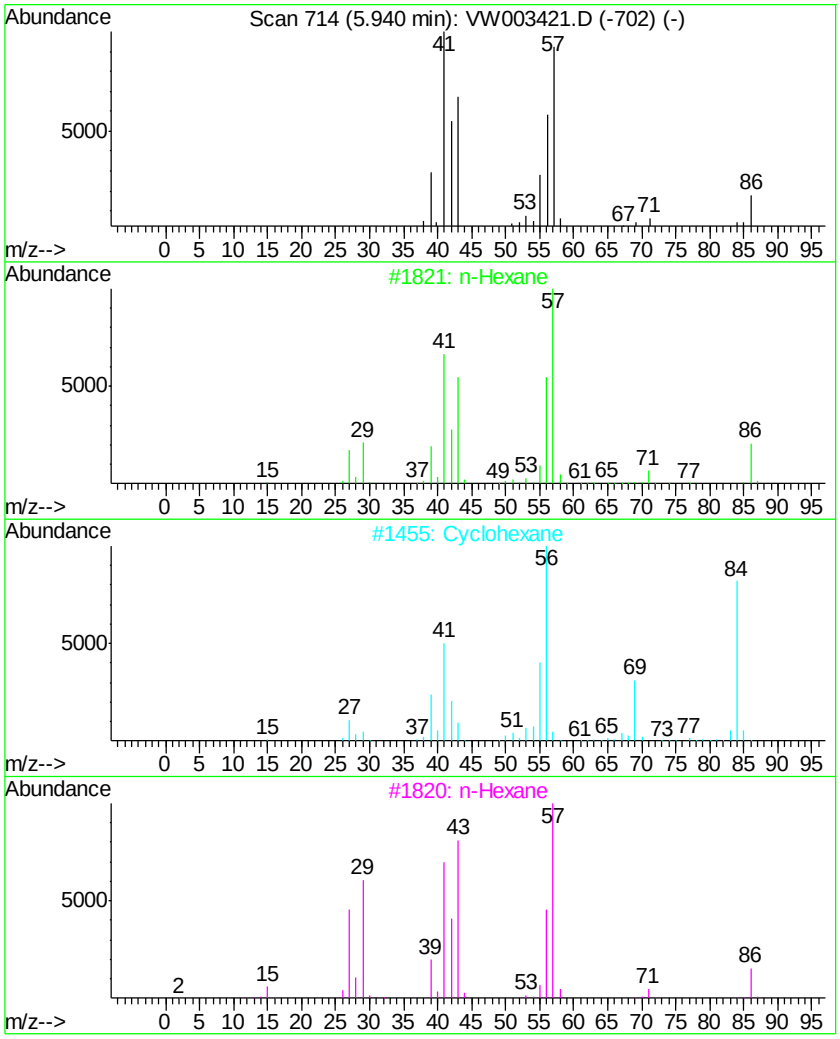
Quant Title : VOC Analysis

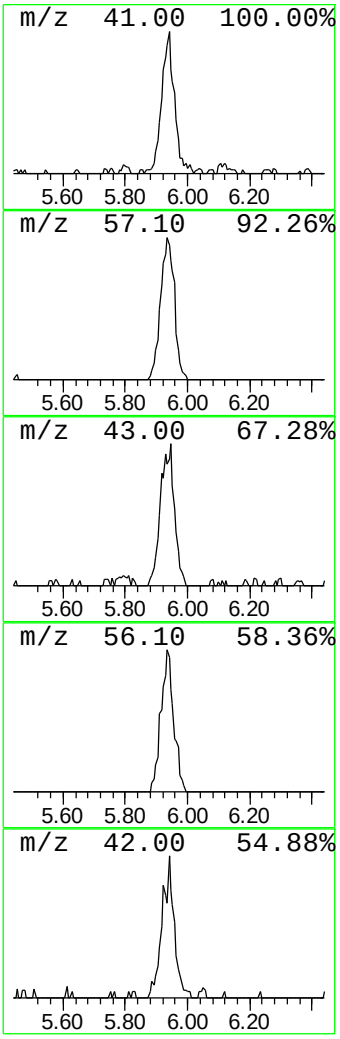
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	1.64 ug/L	36550	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	58
2	Cyclohexane	84	C6H12	000110-82-7	47
3	n-Hexane	86	C6H14	000110-54-3	45
4	n-Hexane	86	C6H14	000110-54-3	45
5	Hexane, 2-chloro-	120	C6H13Cl	000638-28-8	38





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	24.4	ug/L	543056	1	8.85	557054	25.0
(DEL) Alkane: Str...	5.94	1.6	ug/L	36550	1	8.85	557054	25.0