LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072018\
Data File : VW004099.D
Acq On : 21 Jul 2018 03:06
Operator : SY/AP
Sample : J4038-17
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1M7

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	1.636	7	8	9	rBV	358	150	0.00%	0.001%
2	1.654	9	11	14	rBV2	159	167	0.00%	0.001%
3	1.679	14	15	16	rBV	255	140	0.00%	0.001%
4	1.746	19	26	27	rBV	15265	22332	0.26%	0.154%
5	1.807	28	36	58	rVB	3998877	8699644	100.00%	59.936%
6	2.148	90	92	101	rVB5	1340	2220	0.03%	0.015%
7	2.349	119	125	137	rVB	52281	88874	1.02%	0.612%
8	2.892	208	214	227	rVB	29715	74854	0.86%	0.516%
9	4.007	386	397	410	rBV	87017	254271	2.92%	1.752%
10	4.617	488	497	501	rBV3	2068	5864	0.07%	0.040%
11	4.837	532	533	535	rVB	300	220	0.00%	0.002%
12	4.910	535	545	556	rBV6	3590	12517	0.14%	0.086%
13	5.019	561	563	568	rVB3	399	598	0.01%	0.004%
14	5.318	608	612	613	rVB3	228	236	0.00%	0.002%
15	5.336	613	615	617	rVB	402	241	0.00%	0.002%
16	5.367	619	620	623	rVB3	269	222	0.00%	0.002%
17	5.410	625	627	628	rBV	350	318	0.00%	0.002%
18	5.538	646	648	652	rBV2	323	315	0.00%	0.002%
19	5.641	663	665	667	rBV	207	175	0.00%	0.001%
20	5.781	685	688	689	rBV	252	245	0.00%	0.002%
21	5.885	703	705	707	rBV2	216	192	0.00%	0.001%
22	5.934	707	713	716	rBV6	1191	2321	0.03%	0.016%
23	6.056	731	733	735	rVB2	370	222	0.00%	0.002%
24	6.178	750	753	754	rBV	255	202	0.00%	0.001%
25	6.245	762	764	767	rVB	301	285	0.00%	0.002%
26	6.306	772	774	777	rVB2	317	303	0.00%	0.002%
27	6.379	784	786	789	rBV2	184	190	0.00%	0.001%
28	6.476	800	802	803	rBV	229	166	0.00%	0.001%
29	6.495	803	805	807	rVV2	213	220	0.00%	0.002%
30	6.544	810	813	816	rBV3	215	311	0.00%	0.002%
31	6.690	833	837	838	rVB2	221	170	0.00%	0.001%
32	7.007	886	889	892	rBV3	296	461	0.01%	0.003%
33	7.086	892	902	909	rBV2	35087	103890	1.19%	0.716%
34	7.647	984	994	1008	rBV	152806	376024	4.32%	2.591%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1M7

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\SOM2WLM071818S.M
Title : VOC Analysis

35	7.806	1019	1020	1023	rVB2	389	242	0.00%	0.002%
36	7.836	1023	1025	1026	rVB2	209	122	0.00%	0.001%
37	7.927	1037	1040	1042	rBV3	414	380	0.00%	0.003%
38	8.055	1060	1061	1065	rBV2	262	292	0.00%	0.002%
39	8.147	1074	1076	1079	rBV	421	552	0.01%	0.004%
40	8.281	1085	1098	1115	rBV2	255817	806173	9.27%	5.554%
41	8.568	1141	1145	1147	rBV2	261	294	0.00%	0.002%
42	8.610	1151	1152	1154	rBV2	165	165	0.00%	0.001%
43	8.683	1162	1164	1166	rBV3	299	255	0.00%	0.002%
44	8.787	1180	1181	1182	rBV	354	170	0.00%	0.001%
45	8.848	1182	1191	1202	rVV	311317	610761	7.02%	4.208%
46	9.000	1215	1216	1219	rBV2	323	355	0.00%	0.002%
47	9.037	1221	1222	1223	rBV	484	307	0.00%	0.002%
48	9.281	1253	1262	1278	rBV	211897	429146	4.93%	2.957%
49	9.531	1302	1303	1305	rBV	313	236	0.00%	0.002%
50	9.555	1305	1307	1311	rVV3	232	341	0.00%	0.002%
51	9.616	1313	1317	1320	rVV2	427	585	0.01%	0.004%
52	9.665	1320	1325	1328	rBV4	1078	1742	0.02%	0.012%
53	9.762	1332	1341	1349	rBV2	13577	25821	0.30%	0.178%
54	9.897	1354	1363	1372	rBV	26704	54425	0.63%	0.375%
55	10.037	1380	1386	1397	rBV	49959	91133	1.05%	0.628%
56	10.201	1412	1413	1414	rBV	348	144	0.00%	0.001%
57	10.250	1419	1421	1426	rVB2	2374	3181	0.04%	0.022%
58	10.329	1426	1434	1442	rBV	314309	543379	6.25%	3.744%
59	10.488	1459	1460	1461	rBV	341	183	0.00%	0.001%
60	10.512	1462	1464	1465	rVV2	554	410	0.00%	0.003%
61	10.585	1468	1476	1483	rVV	40198	72421	0.83%	0.499%
62	10.707	1490	1496	1504	rBV3	2396	5098	0.06%	0.035%
63	10.933	1525	1533	1546	rBV	87035	161007	1.85%	1.109%
64	11.280	1589	1590	1592	rBV	359	223	0.00%	0.002%
65	11.634	1641	1648	1657	rBV	391338	671083	7.71%	4.623%
66	11.793	1670	1674	1675	rVB	318	314	0.00%	0.002%
67	11.817	1675	1678	1679	rBV2	300	289	0.00%	0.002%
68	11.841	1679	1682	1688	rVB4	1534	2001	0.02%	0.014%
69	11.884	1688	1689	1693	rBV	213	216	0.00%	0.001%
70	12.067	1716	1719	1720	rBV2	258	263	0.00%	0.002%
71	12.207	1720	1742	1757	rVV6	9683	59697	0.69%	0.411%

LSC Area Percent Report

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ClientSampleId : DB1M7

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\SOM2WLM071818S.M
Title : VOC Analysis

72	12.372	1768	1769	1772	rVB2	455	337	0.00%	0.002%
73	12.463	1783	1784	1786	rBV2	271	209	0.00%	0.001%
74	12.561	1793	1800	1805	rBV4	1697	3783	0.04%	0.026%
75	12.616	1805	1809	1815	rVV2	8752	13569	0.16%	0.093%
76	12.701	1815	1823	1831	rVV	216210	354144	4.07%	2.440%
77	12.780	1835	1836	1837	rBV	447	167	0.00%	0.001%
78	12.866	1848	1850	1851	rBV	323	255	0.00%	0.002%
79	12.902	1851	1856	1861	rVV3	226	503	0.01%	0.003%
80	12.939	1861	1862	1863	rBV	464	258	0.00%	0.002%
81	12.994	1868	1871	1872	rBV	390	345	0.00%	0.002%
82	13.128	1891	1893	1895	rBV	316	252	0.00%	0.002%
83	13.170	1898	1900	1902	rBV	277	234	0.00%	0.002%
84	13.244	1910	1912	1914	rVB	266	196	0.00%	0.001%
85	13.268	1914	1916	1917	rBV	431	338	0.00%	0.002%
86	13.378	1932	1934	1936	rBV2	635	554	0.01%	0.004%
87	13.414	1938	1940	1941	rVV	398	266	0.00%	0.002%
88	13.451	1944	1946	1949	rVB2	286	230	0.00%	0.002%
89	13.487	1949	1952	1954	rBV3	373	373	0.00%	0.003%
90	13.567	1958	1965	1973	rVV	314212	488117	5.61%	3.363%
91	13.658	1976	1980	1985	rVB3	6270	9771	0.11%	0.067%
92	13.859	2006	2013	2021	rBV	259507	428820	4.93%	2.954%
93	14.024	2038	2040	2043	rBV3	424	374	0.00%	0.003%
94	14.085	2045	2050	2057	rVB2	3258	5074	0.06%	0.035%
95	14.536	2121	2124	2130	rVB2	5360	7373	0.08%	0.051%
96	14.701	2148	2151	2152	rBV2	384	335	0.00%	0.002%
97	14.731	2152	2156	2163	rVB2	3093	4876	0.06%	0.034%
98	14.987	2197	2198	2200	rBV2	572	477	0.01%	0.003%
99	15.079	2211	2213	2216	rVB	494	378	0.00%	0.003%
100	15.566	2290	2293	2297	rVB3	992	1355	0.02%	0.009%

Sum of corrected areas: 14514929

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MSVOA_W
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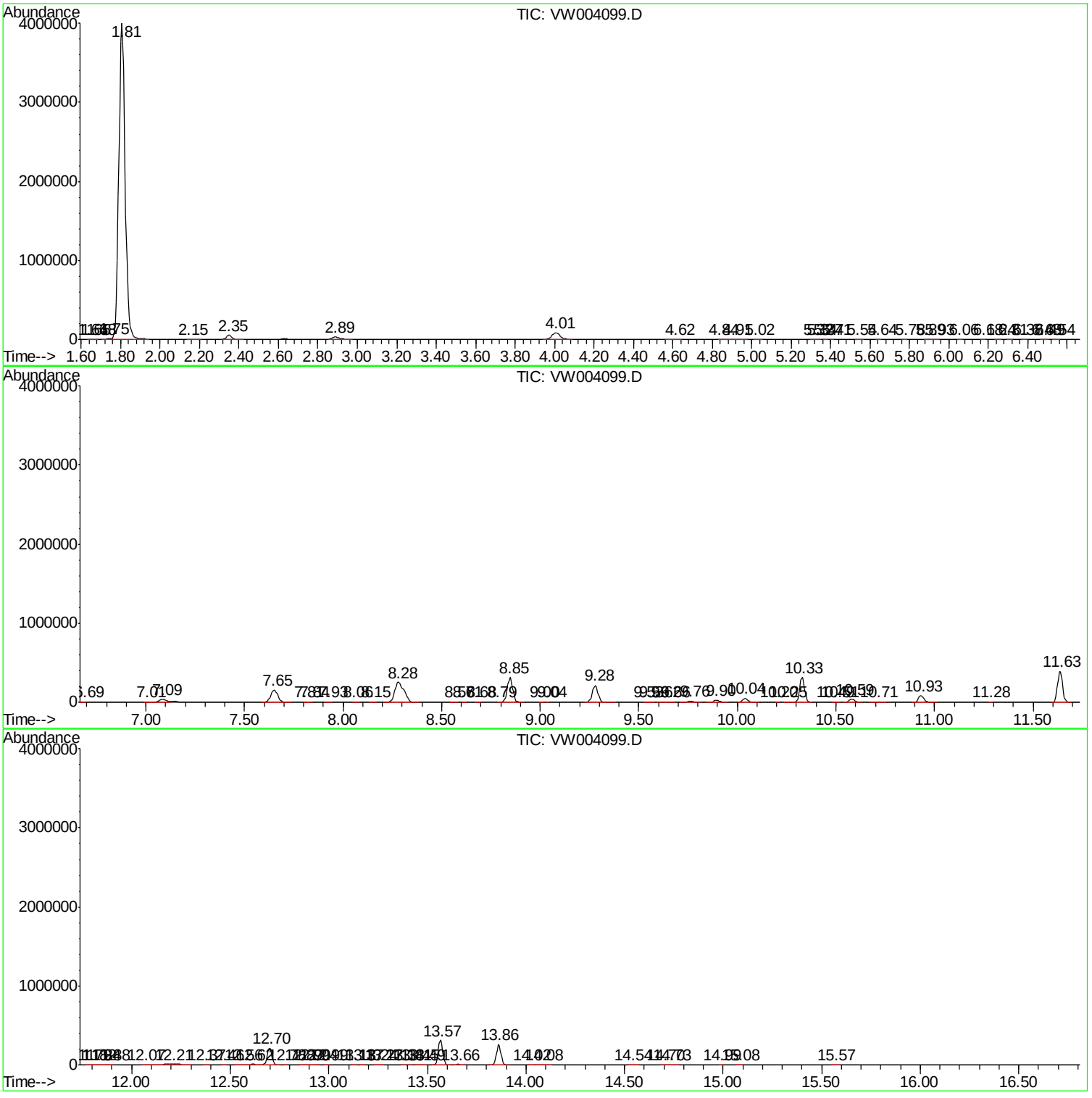
DB1M7

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072018\
Data File : VW004099.D
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Operator : SY/AP
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Misc : 6.09G/10ML/MSVOA_W/SOIL
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Instrument : MSVOA_W
ClientSampleId : DB1M7

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

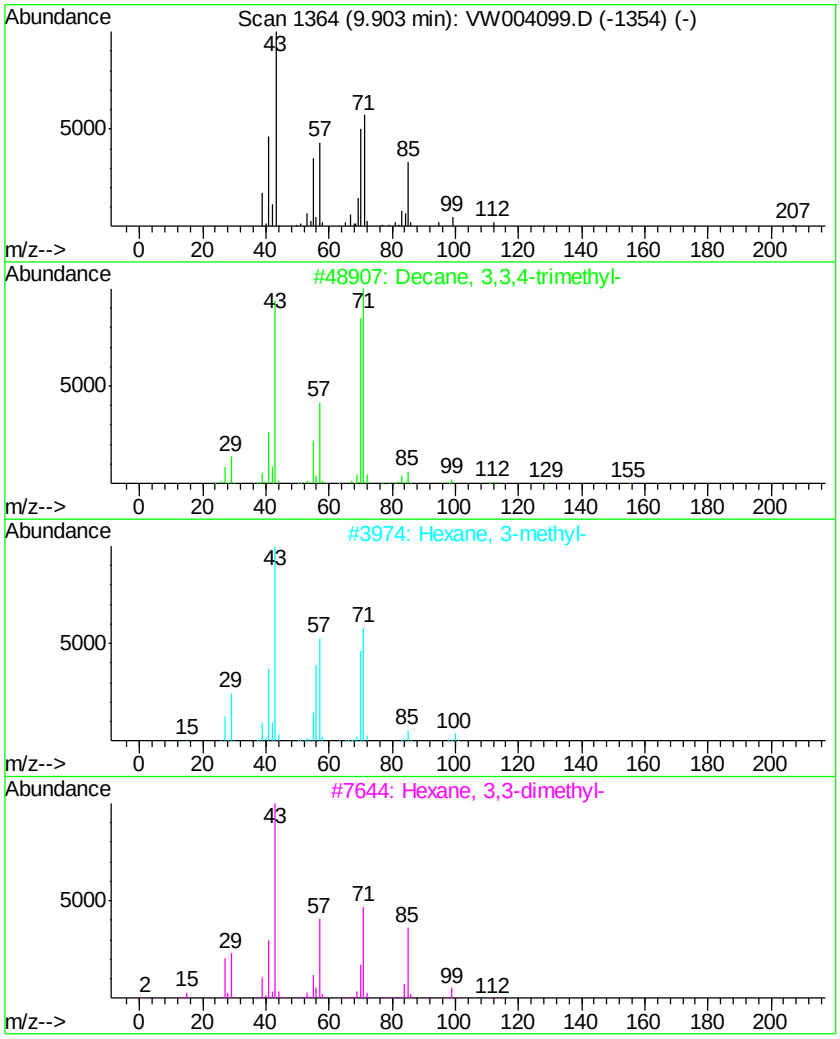
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

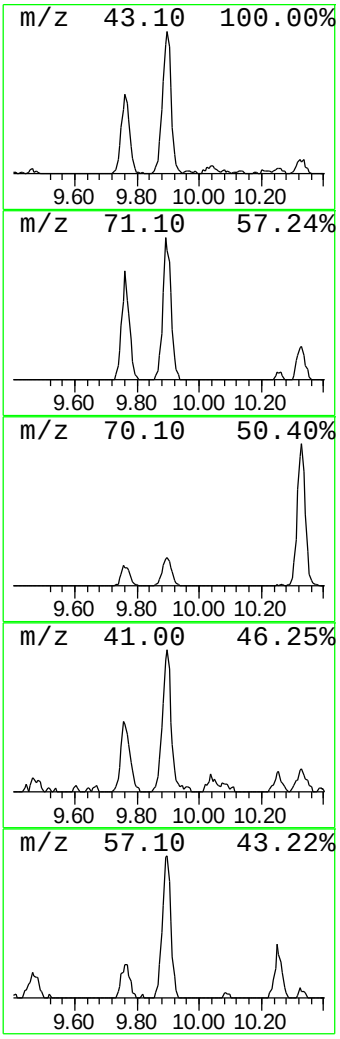
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	2.23 ug/L	54425	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	59
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53
5	Isopentyl propyl carbonate	174	C9H18O3	1000373-84-4	50





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

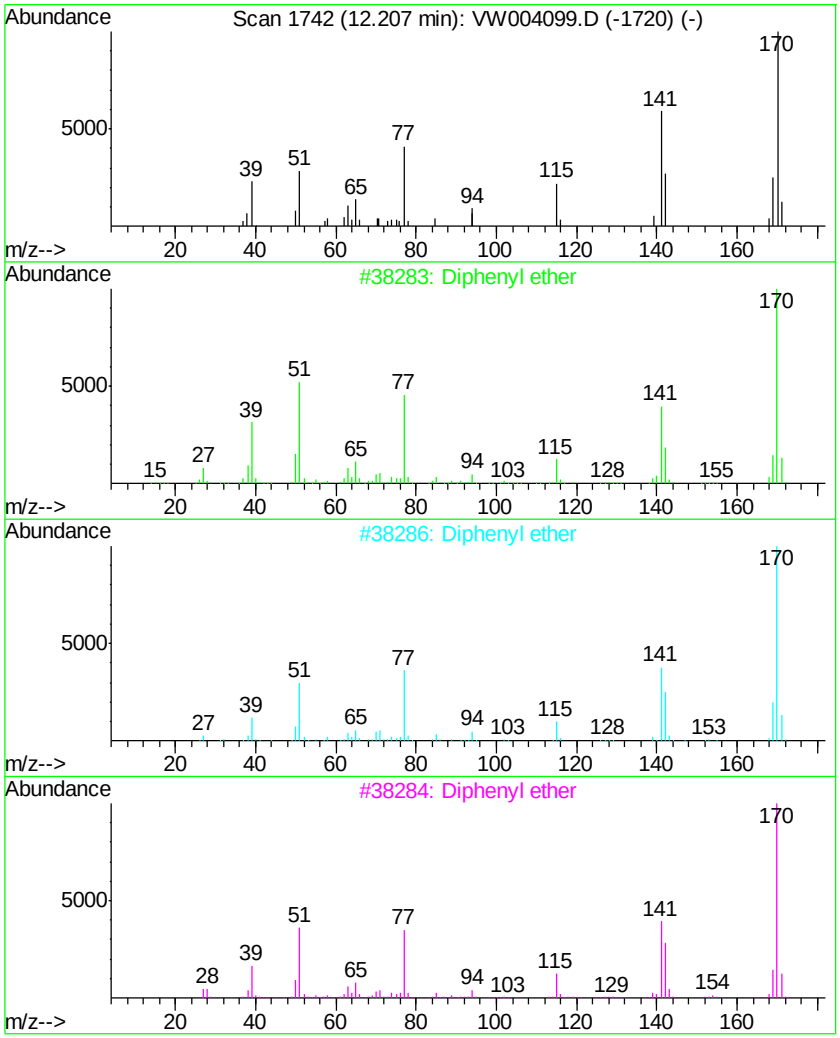
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

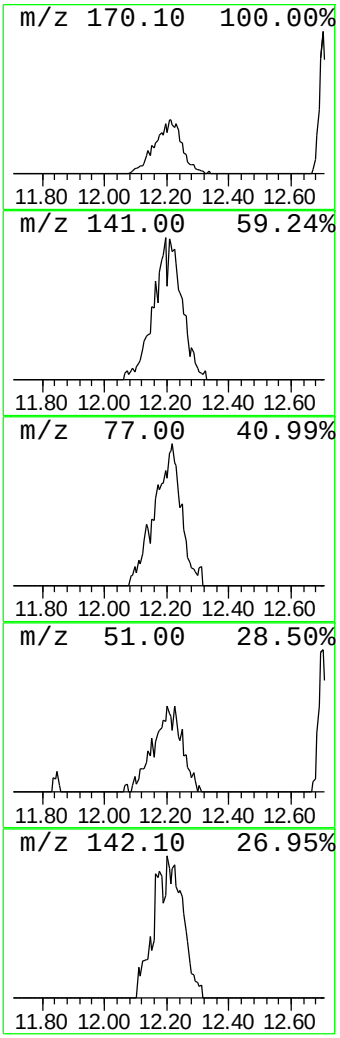
****

Peak Number 4 Diphenyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.22 ug/L	59697	Chlorobenzene-d5	11.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	91
2	Diphenyl ether	170	C12H10O	000101-84-8	83
3	Diphenyl ether	170	C12H10O	000101-84-8	80
4	Diphenyl ether	170	C12H10O	000101-84-8	74
5	Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	50





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	9.90	2.2	ug/L	54425	1	8.85	610761	25.0
Diphenyl ether	12.21	2.2	ug/L	59697	2	11.64	671083	25.0