LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
Data File : VW005744.D
Acq On : 01 Oct 2018 19:03
Operator : SY/AP
Sample : J5180-13
Misc : 4.88G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLC22

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\SOM2WLM092818S.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	2.355	69	74	88	rVB	30494	65668	10.20%	1.466%
2	2.891	157	162	180	rVB	23467	66941	10.40%	1.494%
3	4.013	336	346	361	rBV	59655	184350	28.64%	4.115%
4	4.263	386	387	389	rVB	342	200	0.03%	0.004%
5	4.598	438	442	444	rBV2	585	961	0.15%	0.021%
6	4.915	482	494	512	rBV2	15968	58933	9.16%	1.315%
7	5.184	536	538	540	rBV2	230	208	0.03%	0.005%
8	5.232	544	546	550	rVV3	207	248	0.04%	0.006%
9	5.293	553	556	557	rBV2	285	275	0.04%	0.006%
10	5.354	563	566	567	rBV2	264	262	0.04%	0.006%
11	5.415	574	576	580	rVB2	352	315	0.05%	0.007%
12	5.665	614	617	620	rBV3	215	337	0.05%	0.008%
13	5.744	627	630	631	rBV3	346	275	0.04%	0.006%
14	5.799	637	639	645	rVB2	258	349	0.05%	0.008%
15	5.860	645	649	650	rBV2	263	243	0.04%	0.005%
16	5.940	652	662	672	rVV4	8086	24788	3.85%	0.553%
17	6.330	722	726	727	rBV	357	292	0.05%	0.007%
18	6.415	738	740	742	rBV2	353	329	0.05%	0.007%
19	6.683	781	784	788	rBV2	129	216	0.03%	0.005%
20	6.854	807	812	814	rBV3	252	441	0.07%	0.010%
21	7.092	841	851	855	rBV2	18371	49065	7.62%	1.095%
22	7.293	883	884	887	rVB	283	195	0.03%	0.004%
23	7.451	903	910	912	rBV3	271	471	0.07%	0.011%
24	7.488	912	916	918	rBV2	304	300	0.05%	0.007%
25	7.506	918	919	921	rBV2	250	259	0.04%	0.006%
26	7.653	931	943	954	rBV	117868	289118	44.92%	6.453%
27	7.872	974	979	980	rBV2	418	418	0.06%	0.009%
28	8.128	1018	1021	1023	rBV	198	228	0.04%	0.005%
29	8.177	1027	1029	1031	rVB2	284	210	0.03%	0.005%
30	8.281	1031	1046	1064	rBV2	204465	643650	100.00%	14.366%
31	8.403	1064	1066	1072	rVB4	380	558	0.09%	0.012%
32	8.470	1075	1077	1078	rBV	404	253	0.04%	0.006%
33	8.628	1100	1103	1104	rBV2	268	226	0.04%	0.005%
34	8.646	1104	1106	1109	rVB3	291	286	0.04%	0.006%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLC22

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\SOM2WLM092818S.M
Title : VOC Analysis

35	8.683	1109	1112	1113	rBV2	264	199	0.03%	0.004%
36	8.720	1116	1118	1122	rVB2	322	325	0.05%	0.007%
37	8.848	1130	1139	1150	rBV	240700	469390	72.93%	10.477%
38	9.079	1168	1177	1182	rVB7	1964	4584	0.71%	0.102%
39	9.280	1201	1210	1221	rBV	155342	311036	48.32%	6.942%
40	9.469	1239	1241	1243	rBV3	253	243	0.04%	0.005%
41	9.658	1269	1272	1277	rBV3	756	976	0.15%	0.022%
42	9.695	1277	1278	1281	rBV2	227	195	0.03%	0.004%
43	9.762	1284	1289	1295	rBV4	1324	2360	0.37%	0.053%
44	9.896	1304	1311	1317	rVV3	3817	7664	1.19%	0.171%
45	10.036	1327	1334	1343	rVV	68855	124115	19.28%	2.770%
46	10.122	1345	1348	1352	rVV2	596	810	0.13%	0.018%
47	10.250	1359	1369	1374	rBV5	1807	4307	0.67%	0.096%
48	10.329	1374	1382	1389	rVV	248801	442677	68.78%	9.881%
49	10.390	1389	1392	1400	rVB	6767	10658	1.66%	0.238%
50	10.579	1416	1423	1432	rBV	49568	89155	13.85%	1.990%
51	10.707	1438	1444	1451	rBV2	14854	27321	4.24%	0.610%
52	10.859	1464	1469	1474	rVB5	987	1541	0.24%	0.034%
53	10.933	1474	1481	1492	rBV	71498	129949	20.19%	2.900%
54	11.067	1498	1503	1511	rVB	14239	25088	3.90%	0.560%
55	11.183	1518	1522	1526	rVB2	993	1600	0.25%	0.036%
56	11.335	1544	1547	1548	rBV2	276	334	0.05%	0.007%
57	11.353	1548	1550	1552	rVV	350	305	0.05%	0.007%
58	11.390	1552	1556	1557	rVV2	329	401	0.06%	0.009%
59	11.408	1557	1559	1560	rVV2	809	740	0.11%	0.017%
60	11.445	1560	1565	1573	rVB2	6984	11299	1.76%	0.252%
61	11.634	1587	1596	1604	rBV	301305	506119	78.63%	11.297%
62	11.731	1610	1612	1617	rVB3	1275	1908	0.30%	0.043%
63	11.798	1621	1623	1624	rBV2	262	199	0.03%	0.004%
64	11.841	1625	1630	1636	rBV2	5096	9013	1.40%	0.201%
65	12.054	1661	1665	1667	rBV2	231	278	0.04%	0.006%
66	12.176	1680	1685	1691	rVB5	1891	3452	0.54%	0.077%
67	12.329	1708	1710	1713	rVB2	186	192	0.03%	0.004%
68	12.475	1729	1734	1741	rVB3	4532	7398	1.15%	0.165%
69	12.573	1747	1750	1751	rBV2	221	230	0.04%	0.005%
70	12.615	1751	1757	1763	rVV	20664	33086	5.14%	0.738%
71	12.694	1764	1770	1779	rVB	115269	196705	30.56%	4.391%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Title : VOC Analysis

72	12.768	1779	1782	1783	rBV2	463	391	0.06%	0.009%
73	12.871	1795	1799	1803	rBV4	942	1425	0.22%	0.032%
74	12.944	1805	1811	1819	rVV3	6642	11616	1.80%	0.259%
75	13.036	1820	1826	1831	rVB	8002	12812	1.99%	0.286%
76	13.085	1831	1834	1836	rBV3	492	618	0.10%	0.014%
77	13.115	1836	1839	1844	rVB4	660	959	0.15%	0.021%
78	13.200	1850	1853	1854	rBV2	491	547	0.08%	0.012%
79	13.255	1858	1862	1867	rBV5	2414	3815	0.59%	0.085%
80	13.304	1867	1870	1876	rVB2	4692	6915	1.07%	0.154%
81	13.371	1878	1881	1884	rBV2	269	396	0.06%	0.009%
82	13.420	1884	1889	1893	rVB5	1296	2064	0.32%	0.046%
83	13.481	1894	1899	1900	rBV4	3926	5833	0.91%	0.130%
84	13.566	1906	1913	1922	rVB	182471	292304	45.41%	6.524%
85	13.719	1935	1938	1942	rVB4	1638	2318	0.36%	0.052%
86	13.767	1942	1946	1950	rBV4	1561	2871	0.45%	0.064%
87	13.859	1954	1961	1968	rBV	145187	239373	37.19%	5.343%
88	14.005	1980	1985	1993	rBV2	24496	39676	6.16%	0.886%
89	14.078	1993	1997	2006	rVB	7309	13112	2.04%	0.293%
90	14.286	2028	2031	2032	rBV	538	469	0.07%	0.010%
91	14.316	2032	2036	2037	rBV2	1744	1957	0.30%	0.044%
92	14.426	2050	2054	2060	rVB3	5634	8629	1.34%	0.193%
93	14.529	2069	2071	2074	rVB3	559	601	0.09%	0.013%
94	14.737	2102	2105	2111	rVB4	1361	2397	0.37%	0.054%
95	15.029	2151	2153	2156	rBV2	354	397	0.06%	0.009%
96	15.072	2157	2160	2161	rBV2	946	1051	0.16%	0.023%
97	15.450	2220	2222	2227	rVB2	4769	5704	0.89%	0.127%
98	15.505	2227	2231	2240	rVB3	2099	4584	0.71%	0.102%
99	15.938	2300	2302	2303	rBV	410	250	0.04%	0.006%
100	16.340	2365	2368	2369	rBV2	480	433	0.07%	0.010%

Sum of corrected areas: 4480237

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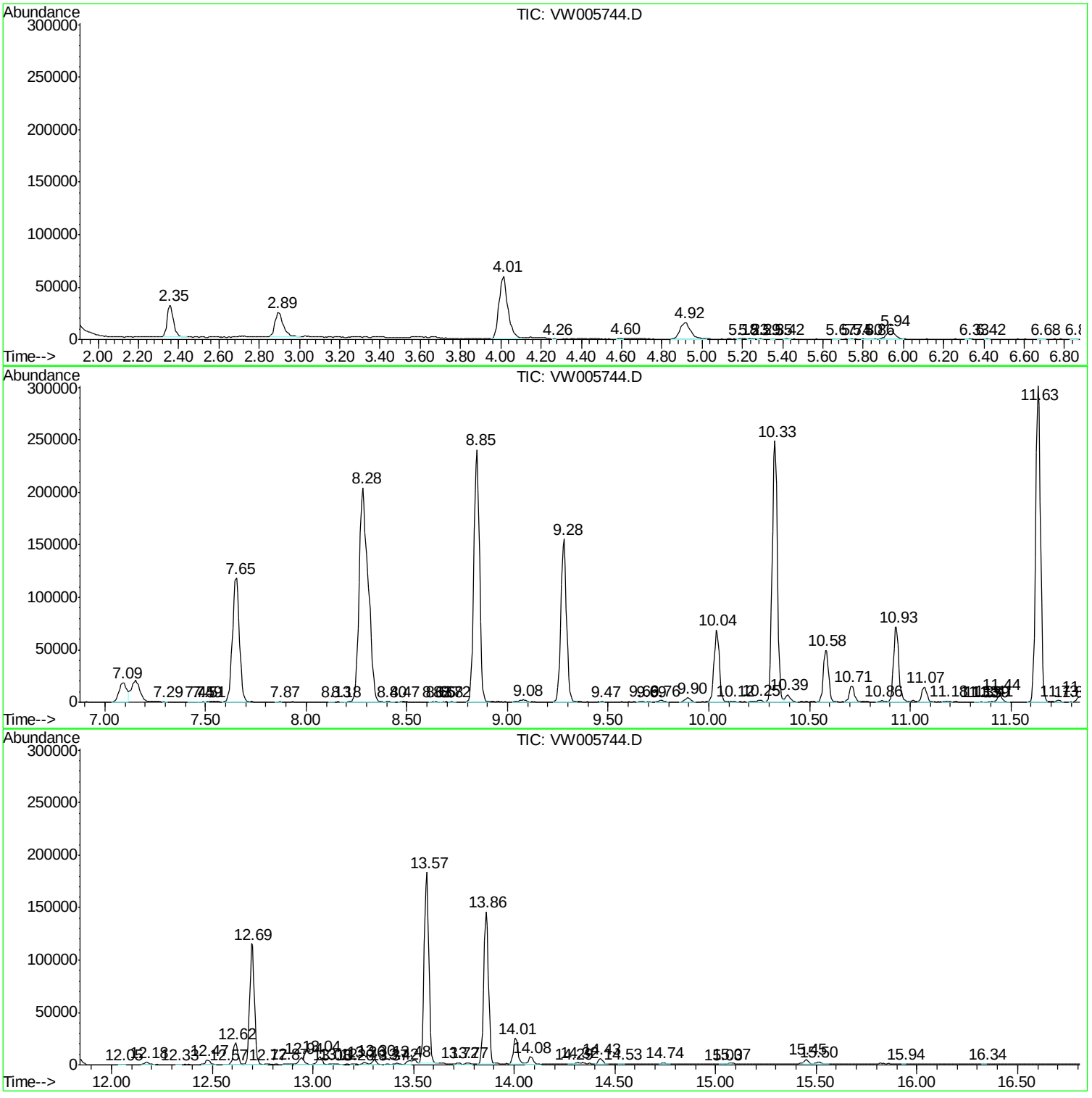
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis

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



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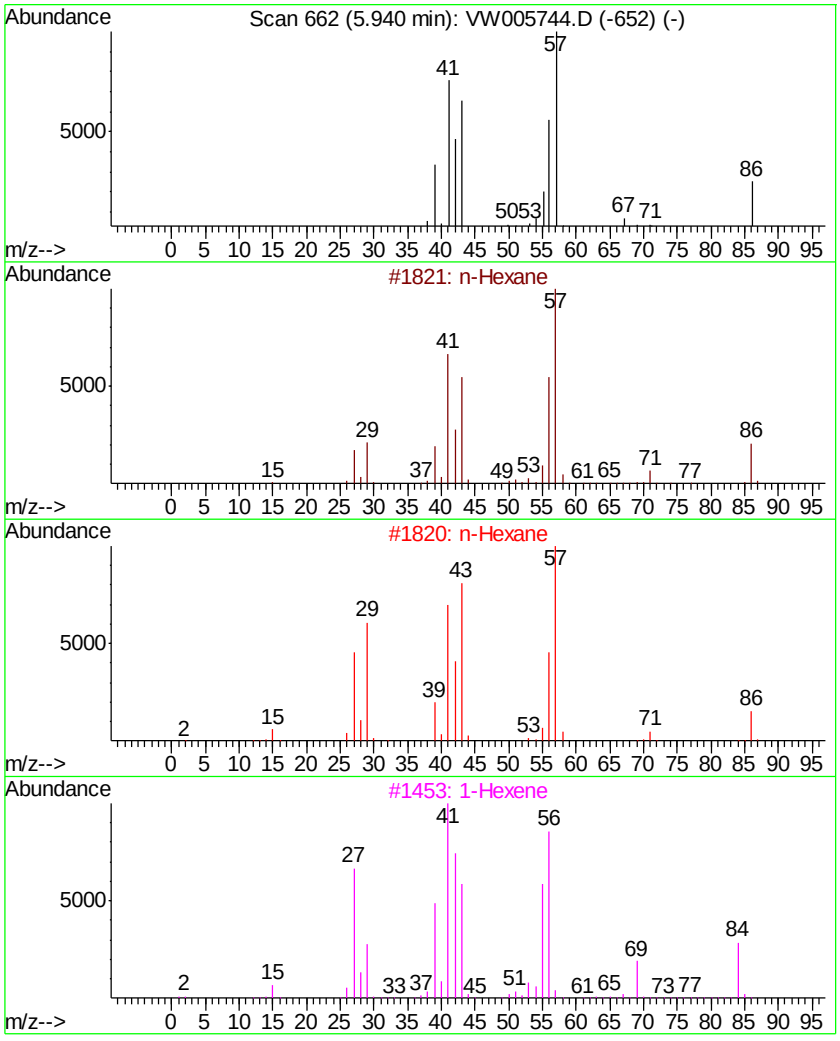
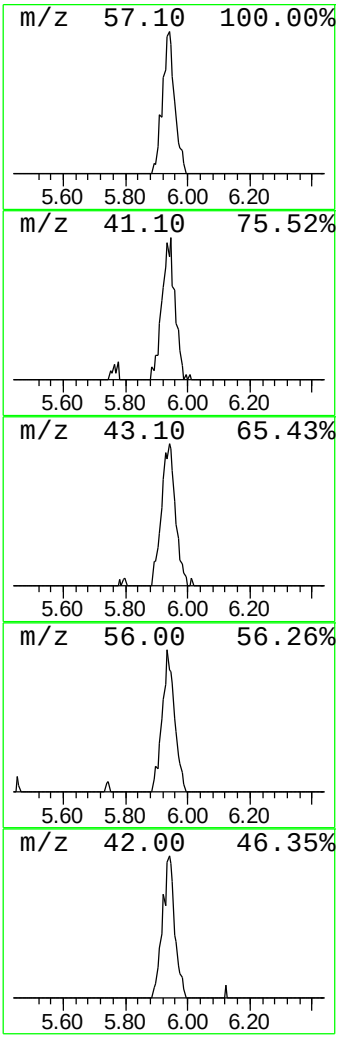
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	1.32 ug/L	24788	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	64
2	n-Hexane	86	C6H14	000110-54-3	40
3	1-Hexene	84	C6H12	000592-41-6	40
4	n-Hexane	86	C6H14	000110-54-3	40
5	2-Butene, (Z)-	56	C4H8	000590-18-1	35





Library Search Compound Report

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis

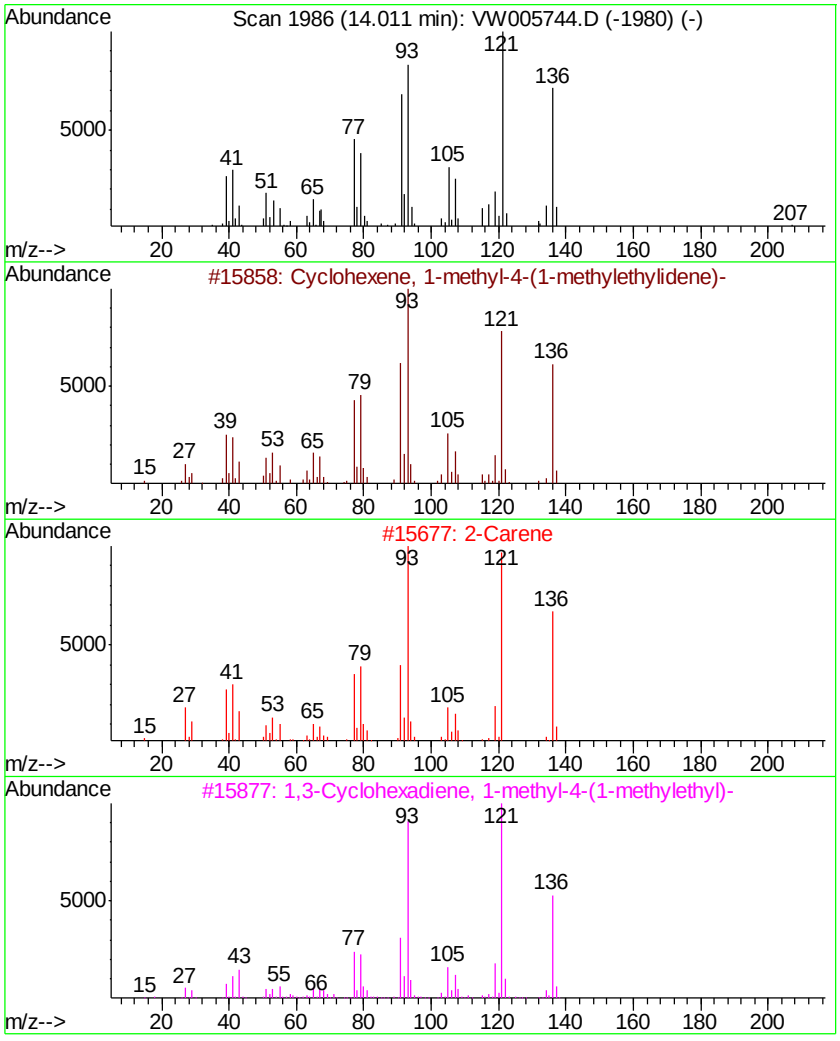
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

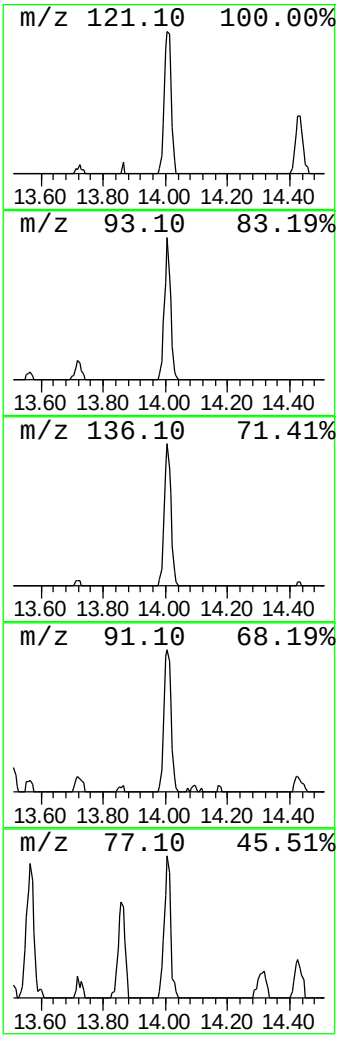
****

Peak Number 5 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	3.39 ug/L	39676	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	95
2	2-Carene	136	C10H16	000554-61-0	93
3	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	90
4	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	87
5	(+)-4-Carene	136	C10H16	029050-33-7	87





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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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...	5.94	1.3	ug/L	24788	1	8.85	469390	25.0
Cyclohexene, 1-me...	14.01	3.4	ug/L	39676	3	13.57	292304	25.0