LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW073119\
Data File : VW011583.D
Acq On : 31 Jul 2019 11:55
Operator : SY/VA
Sample : VW0731SBL01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK15

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\SOM2WLM073019S.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	2.154	35	41	43	rBV2	3224	5862	0.41%	0.058%
2	2.349	67	73	83	rVB	107939	187471	13.07%	1.856%
3	2.885	154	161	176	rBV	61776	151449	10.56%	1.499%
4	3.257	220	222	223	rBV2	807	795	0.06%	0.008%
5	3.385	236	243	254	rVB2	7956	19697	1.37%	0.195%
6	3.587	274	276	278	rBV3	660	691	0.05%	0.007%
7	3.745	300	302	306	rVB4	1039	1160	0.08%	0.011%
8	3.867	313	322	329	rBV5	2850	7618	0.53%	0.075%
9	4.013	335	346	362	rBV	160356	501477	34.97%	4.965%
10	4.410	403	411	414	rBV5	1494	4134	0.29%	0.041%
11	4.721	459	462	463	rBV3	543	553	0.04%	0.005%
12	4.916	482	494	495	rBV7	5057	12902	0.90%	0.128%
13	5.105	522	525	529	rVV4	673	1005	0.07%	0.010%
14	5.287	552	555	557	rBV2	606	663	0.05%	0.007%
15	5.574	598	602	604	rBV3	461	750	0.05%	0.007%
16	5.629	608	611	614	rVB3	421	627	0.04%	0.006%
17	5.745	620	630	640	rVV5	5236	18709	1.30%	0.185%
18	5.934	652	661	671	rBV6	2810	8979	0.63%	0.089%
19	6.452	743	746	751	rBV2	440	784	0.05%	0.008%
20	7.080	839	849	853	rBV	68974	187209	13.05%	1.854%
21	7.647	931	942	953	rBV	210815	506307	35.31%	5.013%
22	7.793	963	966	967	rBV2	648	679	0.05%	0.007%
23	7.952	989	992	993	rVB3	704	755	0.05%	0.007%
24	8.031	1002	1005	1006	rBV2	591	592	0.04%	0.006%
25	8.275	1031	1045	1062	rBV2	476994	1434072	100.00%	14.198%
26	8.397	1062	1065	1068	rBV5	886	1239	0.09%	0.012%
27	8.464	1073	1076	1077	rBV3	982	861	0.06%	0.009%
28	8.616	1097	1101	1107	rVB7	937	1932	0.13%	0.019%
29	8.689	1107	1113	1117	rBV5	917	1900	0.13%	0.019%
30	8.744	1120	1122	1124	rVB3	617	560	0.04%	0.006%
31	8.842	1127	1138	1149	rBV	386587	778458	54.28%	7.707%
32	9.043	1168	1171	1174	rVV5	908	1515	0.11%	0.015%
33	9.079	1174	1177	1183	rVB6	2176	3933	0.27%	0.039%
34	9.177	1190	1193	1197	rVB2	506	636	0.04%	0.006%

LSC Area Percent Report

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Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK15

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\SOM2WLM073019S.M
Title : VOC Analysis

35	9.275	1197	1209	1218	rBV	295218	611875	42.67%	6.058%
36	9.464	1236	1240	1242	rBV2	832	1030	0.07%	0.010%
37	9.653	1268	1271	1274	rBV4	876	1198	0.08%	0.012%
38	9.762	1282	1289	1295	rVB2	6476	14039	0.98%	0.139%
39	9.890	1302	1310	1319	rBV2	18888	40205	2.80%	0.398%
40	9.988	1319	1326	1327	rBV3	6772	9500	0.66%	0.094%
41	10.037	1327	1334	1347	rVB	160107	298097	20.79%	2.951%
42	10.207	1358	1362	1363	rBV4	1666	2122	0.15%	0.021%
43	10.250	1363	1369	1373	rVB	10982	18768	1.31%	0.186%
44	10.323	1373	1381	1389	rBV	600338	1054853	73.56%	10.444%
45	10.500	1406	1410	1416	rBV5	1739	3276	0.23%	0.032%
46	10.579	1416	1423	1434	rVV	107927	192580	13.43%	1.907%
47	10.707	1436	1444	1450	rVV	102201	189227	13.20%	1.873%
48	10.768	1450	1454	1461	rVB3	3722	7923	0.55%	0.078%
49	10.841	1461	1466	1471	rBV3	5707	10914	0.76%	0.108%
50	10.927	1473	1480	1496	rVV	234317	405471	28.27%	4.014%
51	11.067	1496	1503	1514	rVV	36240	68035	4.74%	0.674%
52	11.177	1514	1521	1531	rVB3	12298	22004	1.53%	0.218%
53	11.335	1543	1547	1551	rVB7	1568	2491	0.17%	0.025%
54	11.402	1553	1558	1560	rBV4	4277	6847	0.48%	0.068%
55	11.439	1560	1564	1570	rVB2	15350	26015	1.81%	0.258%
56	11.530	1577	1579	1584	rBV4	673	1326	0.09%	0.013%
57	11.628	1587	1595	1611	rVV	517734	899740	62.74%	8.908%
58	11.738	1611	1613	1615	rVB2	963	983	0.07%	0.010%
59	11.847	1625	1631	1632	rBV4	1034	1958	0.14%	0.019%
60	11.878	1633	1636	1641	rVV4	1967	3024	0.21%	0.030%
61	12.061	1665	1666	1671	rVB3	643	866	0.06%	0.009%
62	12.109	1671	1674	1676	rVB3	699	852	0.06%	0.008%
63	12.170	1679	1684	1689	rVB5	1403	2091	0.15%	0.021%
64	12.341	1706	1712	1714	rBV5	925	1451	0.10%	0.014%
65	12.469	1726	1733	1740	rBV	45732	79712	5.56%	0.789%
66	12.609	1748	1756	1762	rBV	59680	100942	7.04%	0.999%
67	12.695	1762	1770	1778	rBV	239225	402701	28.08%	3.987%
68	12.756	1778	1780	1785	rVB5	1633	1934	0.13%	0.019%
69	12.853	1791	1796	1798	rBV4	779	1107	0.08%	0.011%
70	12.890	1798	1802	1804	rBV3	621	710	0.05%	0.007%
71	12.932	1804	1809	1814	rBV	7341	11817	0.82%	0.117%

LSC Area Percent Report

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Operator : SY/VA
Sample : VW0731SBL01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK15

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\SOM2WLM073019S.M
Title : VOC Analysis

72	13.036	1819	1826	1830	rVV7	3858	8677	0.61%	0.086%
73	13.079	1830	1833	1837	rVB5	1706	2588	0.18%	0.026%
74	13.170	1844	1848	1849	rBV4	730	1025	0.07%	0.010%
75	13.195	1849	1852	1856	rVV2	2748	4549	0.32%	0.045%
76	13.256	1859	1862	1864	rVV2	956	1507	0.11%	0.015%
77	13.298	1864	1869	1875	rVB5	6413	11227	0.78%	0.111%
78	13.408	1880	1887	1892	rBV2	6240	11402	0.80%	0.113%
79	13.469	1892	1897	1900	rBV5	3793	6992	0.49%	0.069%
80	13.560	1905	1912	1927	rVB	494969	822644	57.36%	8.145%
81	13.762	1941	1945	1950	rBV4	3662	6486	0.45%	0.064%
82	13.853	1953	1960	1967	rBV	479071	795983	55.51%	7.881%
83	14.012	1984	1986	1988	rBV3	996	1221	0.09%	0.012%
84	14.072	1991	1996	2004	rVB	28018	44008	3.07%	0.436%
85	14.176	2009	2013	2014	rBV2	542	730	0.05%	0.007%
86	14.194	2014	2016	2021	rVB5	1546	2291	0.16%	0.023%
87	14.322	2032	2037	2041	rBV6	1254	2881	0.20%	0.029%
88	14.469	2057	2061	2063	rBV5	747	859	0.06%	0.009%
89	14.499	2063	2066	2069	rBV4	530	789	0.06%	0.008%
90	14.633	2083	2088	2091	rBV5	1392	2372	0.17%	0.023%
91	15.011	2148	2150	2153	rBV3	511	601	0.04%	0.006%
92	15.133	2168	2170	2174	rVB5	1162	1494	0.10%	0.015%
93	15.255	2188	2190	2193	rVB4	562	607	0.04%	0.006%
94	15.438	2214	2220	2227	rBV3	12088	20334	1.42%	0.201%
95	15.560	2236	2240	2242	rBV5	1208	2103	0.15%	0.021%
96	15.761	2271	2273	2274	rBV	751	597	0.04%	0.006%
97	15.804	2278	2280	2281	rBV2	844	695	0.05%	0.007%
98	15.901	2294	2296	2297	rVB2	939	610	0.04%	0.006%
99	16.548	2400	2402	2404	rBV3	658	593	0.04%	0.006%
100	16.743	2430	2434	2435	rBV3	921	752	0.05%	0.007%

Sum of corrected areas: 10100275

LSC Report - Integrated Chromatogram

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Data File : VW011583.D
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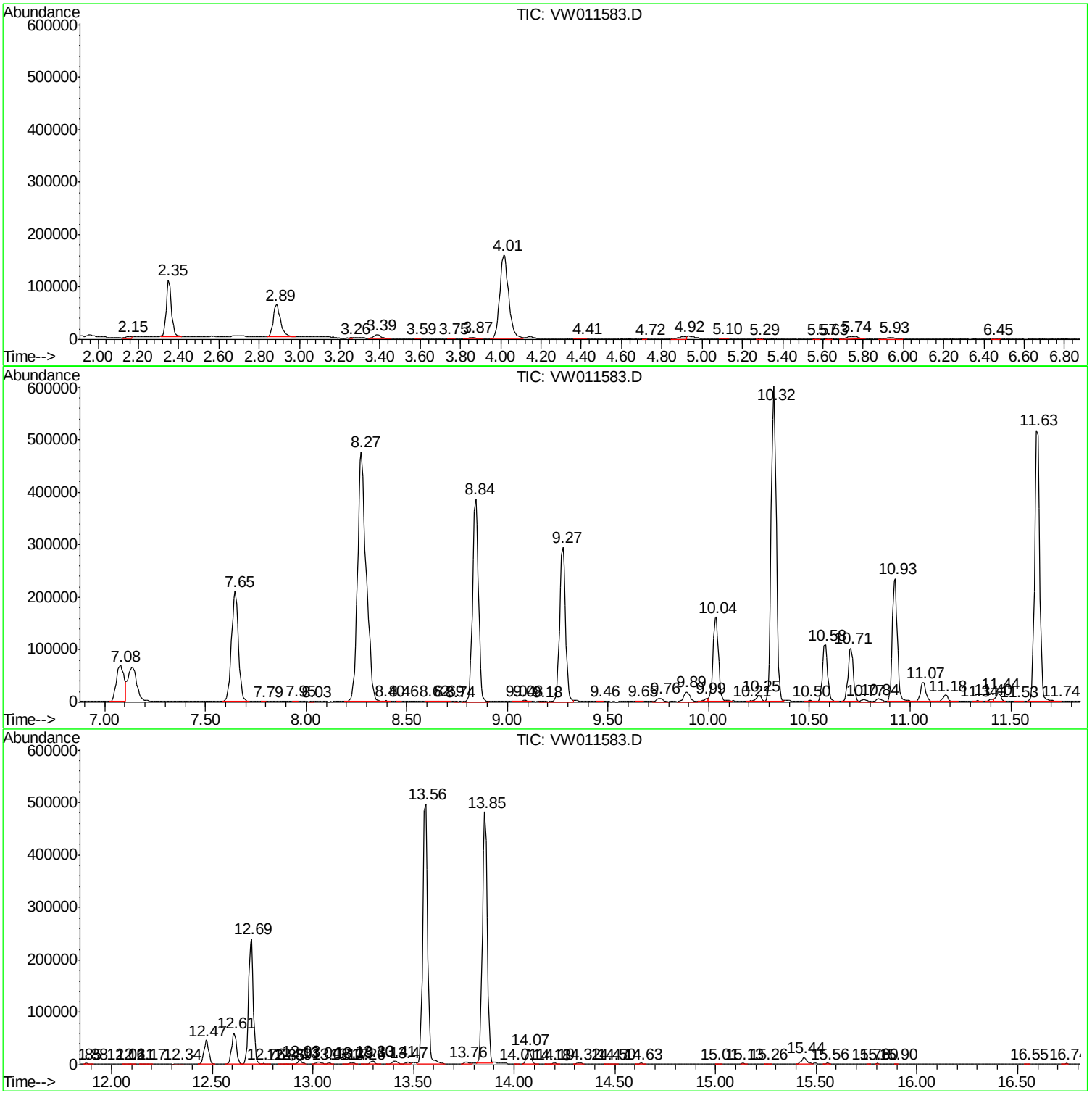
Operator : SY/VA
Sample : VW0731SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.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\VW073119\
Data File : VW011583.D
Acq On : 31 Jul 2019 11:55
Operator : SY/VA
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ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK15

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

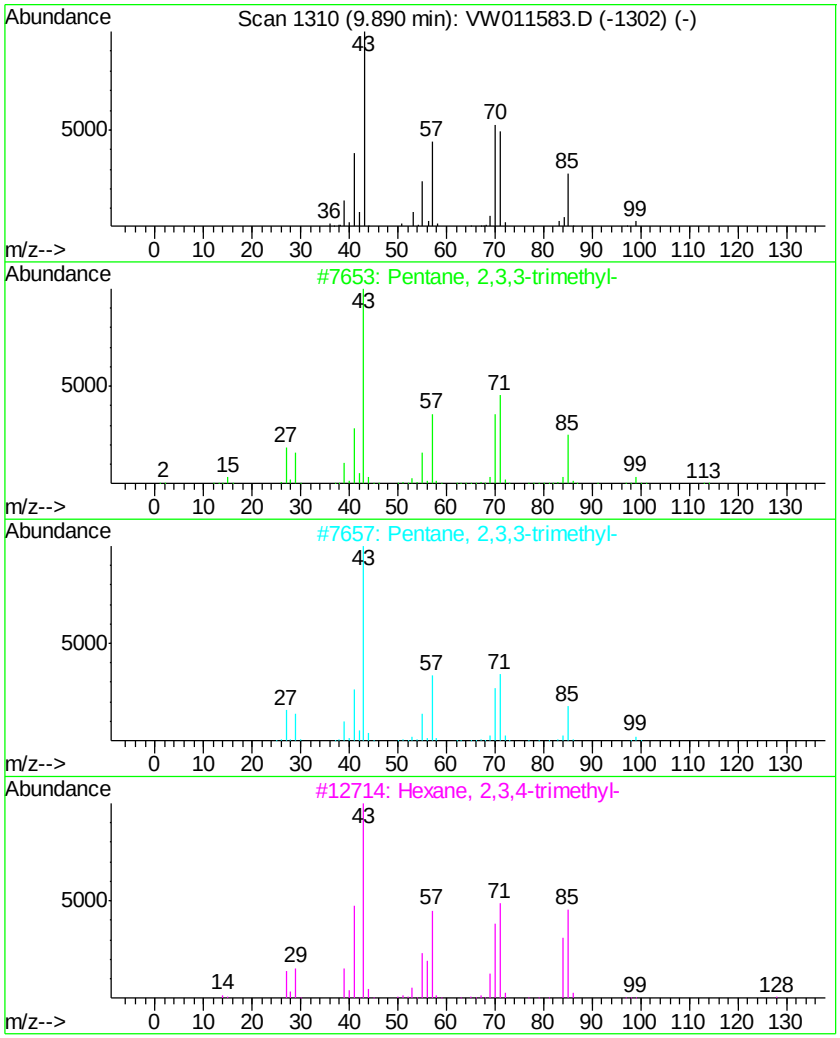
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

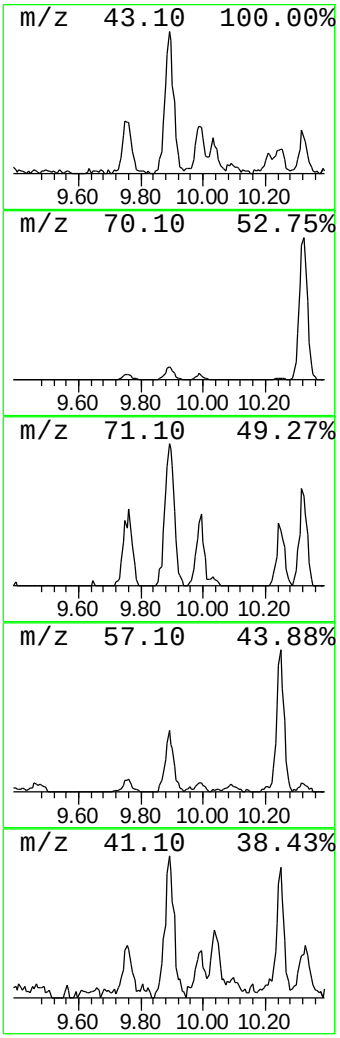
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	1.29 ug/L	40205	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	53





Library Search Compound Report

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Instrument : MSVOA_W
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

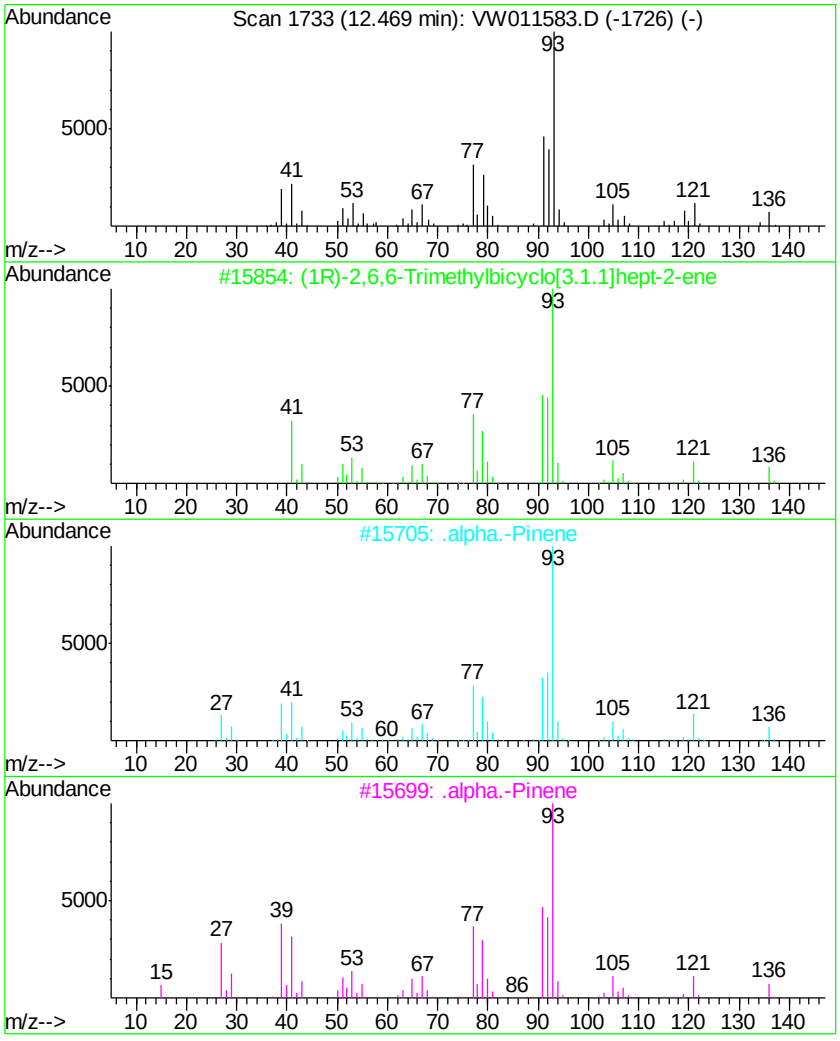
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

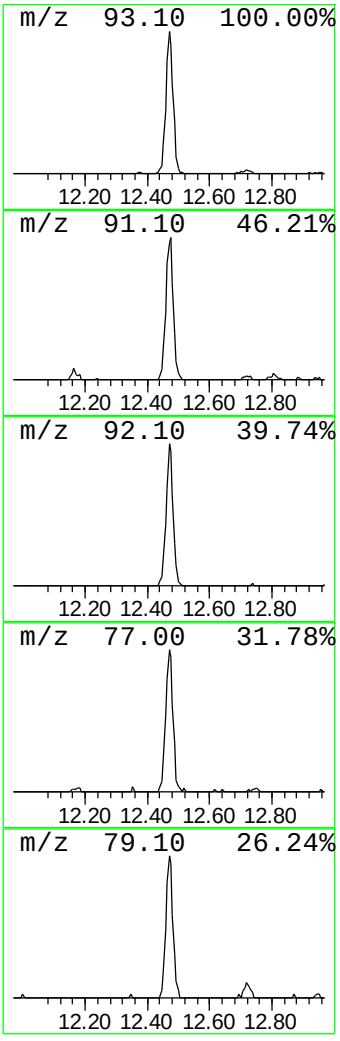
****

Peak Number 5 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.21 ug/L	79712	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	97
2	.alpha.-Pinene	136	C10H16	000080-56-8	97
3	.alpha.-Pinene	136	C10H16	000080-56-8	95
4	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91





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
(DEL) Alkane: Str...	9.89	1.3	ug/L	40205	1	8.84	778458	25.0
(1R)-2,6,6-Trimet...	12.47	2.2	ug/L	79712	2	11.63	899740	25.0