LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
Data File : VW018143.D
Acq On : 15 Feb 2021 18:16
Operator : SY/VA
Sample : M1370-20RE
Misc : 7.15G/10ML/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DBGZ8RE

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\SOM2WLM012921S.M
Title : VOC Analysis

Signal : TIC: VW018143.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	70	74	79	rVB	7178	11280	11.71%	1.670%
2	2.885	156	161	171	rVB	7876	16187	16.80%	2.397%
3	2.958	171	173	176	rVB2	214	171	0.18%	0.025%
4	3.166	205	207	208	rBV	201	127	0.13%	0.019%
5	3.343	233	236	239	rVB	150	140	0.15%	0.021%
6	3.562	270	272	274	rVV2	179	107	0.11%	0.016%
7	3.599	276	278	280	rVB	169	96	0.10%	0.014%
8	3.873	322	323	326	rVB2	167	96	0.10%	0.014%
9	3.952	333	336	338	rBV2	95	139	0.14%	0.021%
10	4.025	339	348	358	rVB	13248	33523	34.79%	4.963%
11	4.129	358	365	376	rBV	1395	4089	4.24%	0.605%
12	4.397	408	409	412	rVV	119	118	0.12%	0.017%
13	4.446	415	417	420	rBV	105	97	0.10%	0.014%
14	4.483	420	423	425	rBV2	89	117	0.12%	0.017%
15	4.519	425	429	431	rVB2	100	125	0.13%	0.019%
16	4.604	442	443	444	rBV	174	79	0.08%	0.012%
17	4.672	452	454	457	rBV	72	99	0.10%	0.015%
18	4.800	474	475	477	rBV	144	103	0.11%	0.015%
19	4.824	477	479	480	rVV	186	108	0.11%	0.016%
20	4.861	483	485	486	rVV2	121	79	0.08%	0.012%
21	4.922	486	495	503	rVB2	2165	6311	6.55%	0.934%
22	5.074	516	520	522	rVB2	152	216	0.22%	0.032%
23	5.141	530	531	533	rBV	204	127	0.13%	0.019%
24	5.232	544	546	547	rBV	141	90	0.09%	0.013%
25	5.537	595	596	599	rBV	155	119	0.12%	0.018%
26	5.946	659	663	670	rVB2	372	739	0.77%	0.109%
27	6.159	696	698	699	rBV	159	125	0.13%	0.019%
28	6.171	699	700	703	rVV	254	145	0.15%	0.021%
29	6.202	703	705	712	rVB2	152	242	0.25%	0.036%
30	6.543	760	761	764	rBV2	204	248	0.26%	0.037%
31	6.653	778	779	781	rBV	106	86	0.09%	0.013%
32	6.702	785	787	789	rBV2	131	121	0.13%	0.018%
33	6.750	793	795	796	rBV2	162	101	0.10%	0.015%
34	7.086	843	850	860	rBV4	2326	7352	7.63%	1.088%
35	7.269	878	880	884	rBV	97	145	0.15%	0.021%
36	7.513	919	920	922	rVB	178	86	0.09%	0.013%

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ALS Vial : 23 Sample Multiplier: 1

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\SOM2WLM012921S.M
Title : VOC Analysis

37	7.586	930	932	933	rBV	109	87	0.09%	0.013%
38	7.653	933	943	954	rVV2	18415	44077	45.74%	6.526%
39	7.817	968	970	973	rBV	144	109	0.11%	0.016%
40	7.842	973	974	977	rVB	235	167	0.17%	0.025%
41	7.866	977	978	980	rBV2	142	117	0.12%	0.017%
42	7.903	982	984	985	rVB	142	87	0.09%	0.013%
43	7.958	989	993	995	rBV	142	253	0.26%	0.037%
44	8.281	1038	1046	1060	rVB2	31792	96365	100.00%	14.267%
45	8.415	1066	1068	1070	rVB2	238	142	0.15%	0.021%
46	8.445	1070	1073	1075	rBV2	187	240	0.25%	0.036%
47	8.653	1105	1107	1109	rBV2	186	185	0.19%	0.027%
48	8.848	1131	1139	1150	rBV	33563	68549	71.13%	10.149%
49	8.988	1160	1162	1164	rBV	160	78	0.08%	0.012%
50	9.220	1197	1200	1201	rBV2	145	144	0.15%	0.021%
51	9.274	1202	1209	1216	rBV	22343	45279	46.99%	6.704%
52	9.323	1216	1217	1218	rBV	584	396	0.41%	0.059%
53	9.537	1249	1252	1253	rBV2	149	124	0.13%	0.018%
54	9.658	1271	1272	1274	rBV	148	111	0.12%	0.016%
55	9.762	1285	1289	1295	rVV3	747	1265	1.31%	0.187%
56	9.860	1300	1305	1306	rVV2	270	454	0.47%	0.067%
57	9.890	1307	1310	1315	rVB3	751	1268	1.32%	0.188%
58	10.036	1327	1334	1343	rVB2	9404	17630	18.30%	2.610%
59	10.097	1343	1344	1347	rBV	130	101	0.10%	0.015%
60	10.201	1359	1361	1363	rBV2	124	95	0.10%	0.014%
61	10.244	1367	1368	1373	rVB2	319	356	0.37%	0.053%
62	10.323	1373	1381	1390	rBV	37273	66117	68.61%	9.789%
63	10.463	1402	1404	1407	rBV2	108	127	0.13%	0.019%
64	10.536	1415	1416	1418	rVB	293	154	0.16%	0.023%
65	10.579	1418	1423	1431	rVB2	5635	9536	9.90%	1.412%
66	10.640	1431	1433	1435	rBV2	117	79	0.08%	0.012%
67	10.658	1435	1436	1438	rBV	137	113	0.12%	0.017%
68	10.707	1440	1444	1447	rBV3	608	877	0.91%	0.130%
69	10.853	1465	1468	1469	rBV2	132	102	0.11%	0.015%
70	10.927	1474	1480	1491	rVV	9030	15767	16.36%	2.334%
71	11.140	1513	1515	1516	rVB	132	74	0.08%	0.011%
72	11.164	1516	1519	1521	rBV2	205	163	0.17%	0.024%
73	11.189	1521	1523	1524	rBV2	134	128	0.13%	0.019%
74	11.256	1531	1534	1536	rVB2	154	130	0.13%	0.019%
75	11.335	1545	1547	1549	rBV	90	82	0.09%	0.012%
76	11.634	1589	1596	1604	rBV	33053	56987	59.14%	8.437%

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Instrument : MSVOA_W
ClientSampleId : DBGZ8RE

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\SOM2WLM012921S.M
Title : VOC Analysis

77	11.701	1605	1607	1608	rBV	161	101	0.10%	0.015%
78	11.817	1621	1626	1633	rVB2	3612	5802	6.02%	0.859%
79	12.024	1659	1660	1661	rBV	208	115	0.12%	0.017%
80	12.109	1672	1674	1676	rVB	402	245	0.25%	0.036%
81	12.353	1712	1714	1715	rBV	120	128	0.13%	0.019%
82	12.384	1717	1719	1721	rBV2	92	102	0.11%	0.015%
83	12.463	1731	1732	1735	rVB2	258	176	0.18%	0.026%
84	12.518	1738	1741	1745	rVB2	266	376	0.39%	0.056%
85	12.603	1749	1755	1762	rVV3	2013	3401	3.53%	0.504%
86	12.688	1762	1769	1780	rVB3	22794	43568	45.21%	6.450%
87	12.847	1793	1795	1796	rBV	135	101	0.10%	0.015%
88	12.914	1799	1806	1809	rBV6	4180	8845	9.18%	1.310%
89	13.005	1819	1821	1822	rBV	160	123	0.13%	0.018%
90	13.048	1822	1828	1834	rVV	22397	38628	40.09%	5.719%
91	13.201	1849	1853	1854	rBV	161	200	0.21%	0.030%
92	13.371	1879	1881	1883	rBV	494	348	0.36%	0.052%
93	13.438	1889	1892	1893	rBV2	169	182	0.19%	0.027%
94	13.469	1893	1897	1899	rBV	856	979	1.02%	0.145%
95	13.554	1906	1911	1918	rBV	17491	29728	30.85%	4.401%
96	13.676	1930	1931	1934	rBV	208	162	0.17%	0.024%
97	13.767	1944	1946	1947	rBV	158	119	0.12%	0.018%
98	13.853	1955	1960	1967	rVB2	16439	26343	27.34%	3.900%
99	14.066	1990	1995	2001	rVB	2277	3294	3.42%	0.488%
100	14.566	2074	2077	2082	rVB3	937	1119	1.16%	0.166%

Sum of corrected areas: 675433

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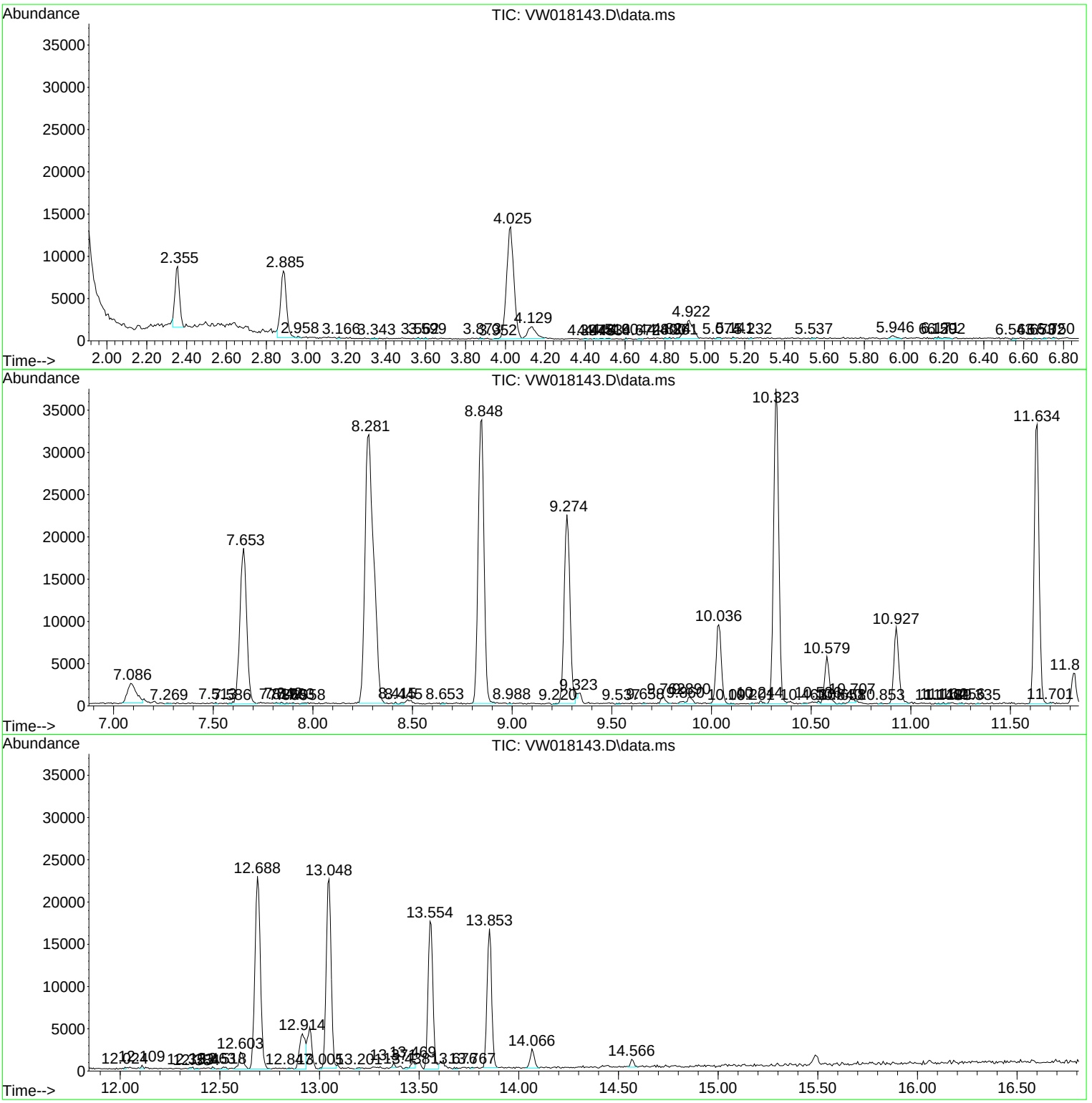
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

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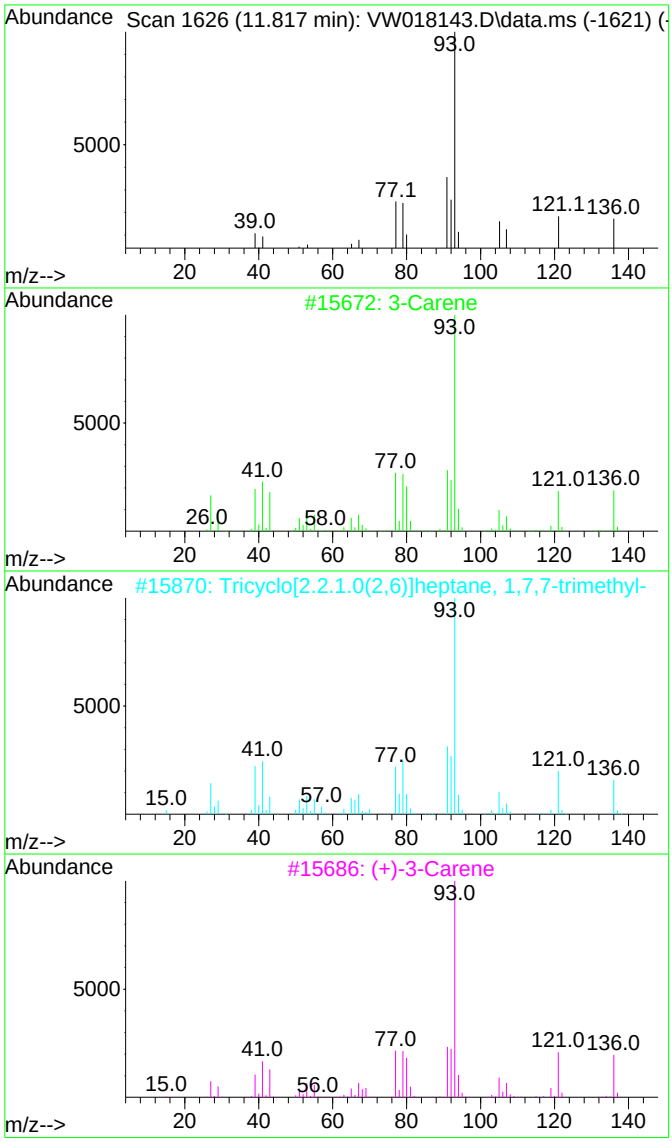
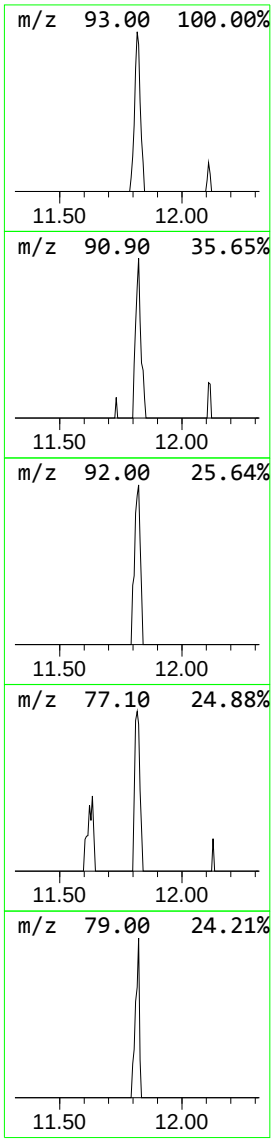
****

Peak Number 2 3-Carene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.817	2.55 ug/L	5802	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Carene	136	C10H16	013466-78-9	91
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
3	(+)-3-Carene	136	C10H16	000498-15-7	91
4	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	90





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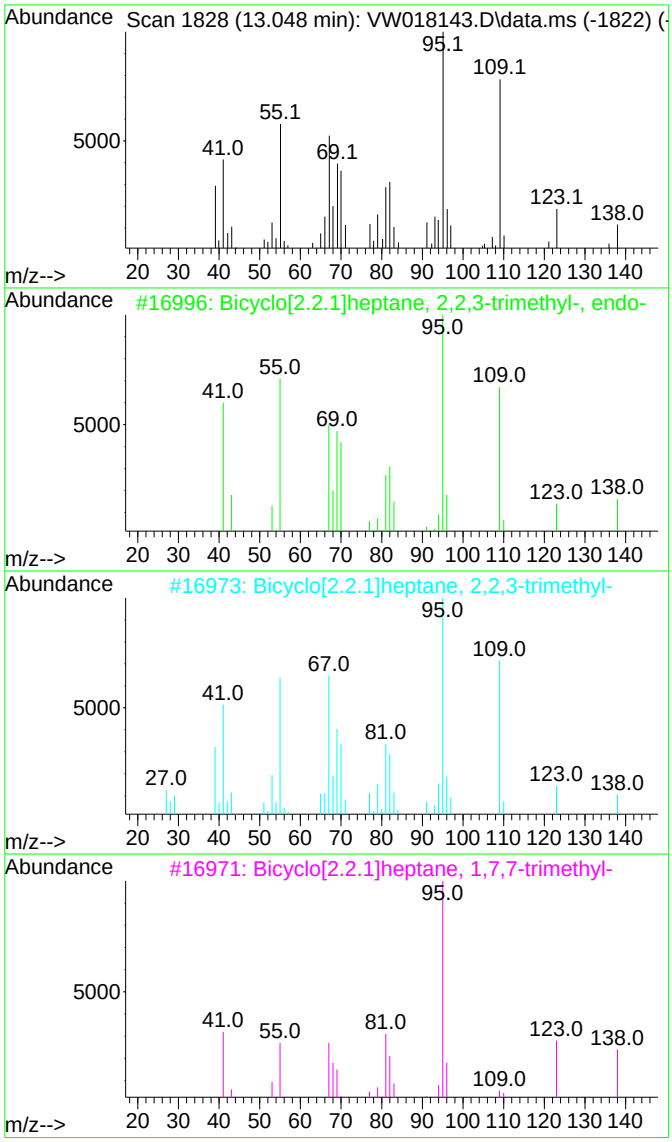
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

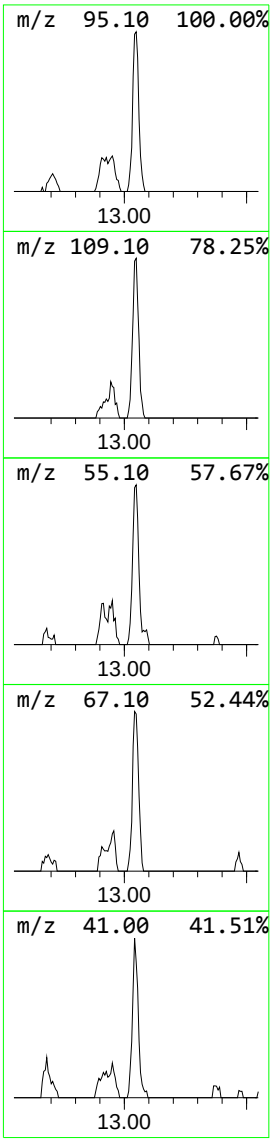
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.048	32.48 ug/L	38628	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	96
2	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	96
3	Bicyclo[2.2.1]heptane, 1,7,7-tri...	138	C10H18	000464-15-3	53
4	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	49
5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	49





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
3-Carene	11.817	2.5	ug/L	5802	2	11.634	56987	25.0
Bicyclo[2.2.1]h...	13.048	32.5	ug/L	38628	3	13.560	29728	25.0