LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018118.D
Acq On : 12 Feb 2021 18:23
Operator : SY/VA
Sample : M1370-19
Misc : 4.63G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DBGZ7

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: VW018118.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	68	74	87	rVB	65099	121982	12.44%	2.000%
2	2.898	155	163	178	rVB	46508	120104	12.25%	1.969%
3	3.282	225	226	227	rBV	278	170	0.02%	0.003%
4	3.385	241	243	244	rBV	292	172	0.02%	0.003%
5	3.477	255	258	259	rBV	290	269	0.03%	0.004%
6	3.526	264	266	267	rBV2	208	213	0.02%	0.003%
7	3.587	275	276	278	rBV	178	121	0.01%	0.002%
8	3.837	315	317	320	rBV	114	136	0.01%	0.002%
9	4.019	336	347	361	rBV	116009	357364	36.46%	5.858%
10	4.196	373	376	377	rBV2	462	441	0.04%	0.007%
11	4.288	389	391	394	rBV2	146	161	0.02%	0.003%
12	4.385	400	407	408	rBV4	509	963	0.10%	0.016%
13	4.446	415	417	418	rVB	169	121	0.01%	0.002%
14	4.483	418	423	426	rBV2	140	254	0.03%	0.004%
15	4.556	432	435	437	rBV2	130	152	0.02%	0.002%
16	4.611	443	444	446	rVB2	177	109	0.01%	0.002%
17	4.666	451	453	454	rVV2	178	114	0.01%	0.002%
18	4.678	454	455	459	rVV2	272	307	0.03%	0.005%
19	4.739	462	465	468	rVB	160	177	0.02%	0.003%
20	4.763	468	469	472	rBV2	125	125	0.01%	0.002%
21	4.916	483	494	511	rBV	11920	40839	4.17%	0.669%
22	5.172	533	536	537	rBV2	187	163	0.02%	0.003%
23	5.336	559	563	564	rBV	221	191	0.02%	0.003%
24	5.653	613	615	617	rBV2	178	132	0.01%	0.002%
25	5.714	624	625	626	rBV	225	104	0.01%	0.002%
26	5.739	627	629	631	rVV	175	182	0.02%	0.003%
27	5.787	635	637	638	rVB2	169	105	0.01%	0.002%
28	5.873	647	651	654	rVV2	156	248	0.03%	0.004%
29	5.946	654	663	672	rVB5	2492	7297	0.74%	0.120%
30	6.592	768	769	772	rVB	176	112	0.01%	0.002%
31	6.824	805	807	810	rVB	164	125	0.01%	0.002%
32	7.080	840	849	855	rBV2	10723	32959	3.36%	0.540%
33	7.366	894	896	898	rBV	206	200	0.02%	0.003%
34	7.561	925	928	929	rBV	168	131	0.01%	0.002%
35	7.647	932	942	957	rVV	181280	440086	44.90%	7.215%
36	7.775	961	963	967	rVB2	317	307	0.03%	0.005%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DBGZ7

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	7.872	977	979	980	rBV	143	102	0.01%	0.002%
38	7.946	986	991	1000	rVB4	758	1579	0.16%	0.026%
39	8.275	1034	1045	1062	rBV2	344275	980212	100.00%	16.069%
40	8.567	1091	1093	1098	rVB	168	204	0.02%	0.003%
41	8.610	1098	1100	1101	rBV	104	102	0.01%	0.002%
42	8.628	1101	1103	1105	rVV2	169	233	0.02%	0.004%
43	8.683	1109	1112	1120	rBV3	257	626	0.06%	0.010%
44	8.842	1126	1138	1154	rBV	399822	781614	79.74%	12.813%
45	9.079	1173	1177	1181	rVB3	981	1564	0.16%	0.026%
46	9.171	1189	1192	1194	rBV2	94	124	0.01%	0.002%
47	9.201	1194	1197	1200	rBV2	118	159	0.02%	0.003%
48	9.275	1200	1209	1221	rBV	212608	430986	43.97%	7.065%
49	9.390	1226	1228	1230	rVB2	143	105	0.01%	0.002%
50	9.415	1230	1232	1235	rBV	133	133	0.01%	0.002%
51	9.665	1270	1273	1275	rBV2	306	427	0.04%	0.007%
52	9.762	1284	1289	1295	rVB5	666	1257	0.13%	0.021%
53	9.817	1295	1298	1300	rBV2	161	128	0.01%	0.002%
54	9.854	1301	1304	1305	rVB2	147	110	0.01%	0.002%
55	9.890	1305	1310	1315	rVB3	2211	3796	0.39%	0.062%
56	9.933	1315	1317	1320	rBV	126	135	0.01%	0.002%
57	10.037	1326	1334	1346	rBV	89461	164083	16.74%	2.690%
58	10.128	1346	1349	1353	rBV3	473	688	0.07%	0.011%
59	10.250	1364	1369	1373	rVB3	933	1555	0.16%	0.025%
60	10.323	1373	1381	1389	rBV	451859	779117	79.48%	12.772%
61	10.506	1406	1411	1416	rBV4	964	1466	0.15%	0.024%
62	10.579	1416	1423	1434	rVV	52383	91841	9.37%	1.506%
63	10.701	1437	1443	1452	rBV	3215	5733	0.58%	0.094%
64	10.774	1452	1455	1460	rVB3	1235	1591	0.16%	0.026%
65	10.860	1465	1469	1470	rBV2	88	138	0.01%	0.002%
66	10.927	1473	1480	1493	rBV4	49219	110635	11.29%	1.814%
67	11.073	1502	1504	1510	rVB2	398	564	0.06%	0.009%
68	11.341	1546	1548	1551	rVB2	139	114	0.01%	0.002%
69	11.500	1572	1574	1576	rBV2	164	107	0.01%	0.002%
70	11.628	1587	1595	1603	rBV	392327	673396	68.70%	11.039%
71	11.731	1609	1612	1617	rVB	991	1495	0.15%	0.025%
72	11.829	1623	1628	1633	rBV3	1208	2450	0.25%	0.040%
73	12.067	1665	1667	1671	rBV2	324	403	0.04%	0.007%
74	12.170	1678	1684	1691	rVB4	2146	4575	0.47%	0.075%
75	12.268	1698	1700	1703	rBV2	145	145	0.01%	0.002%
76	12.463	1728	1732	1735	rVV3	494	634	0.06%	0.010%

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Instrument : MSVOA_W
ClientSampleId : DBGZ7

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	12.561	1744	1748	1749	rBV2	177	191	0.02%	0.003%
78	12.603	1749	1755	1761	rVV3	3673	6294	0.64%	0.103%
79	12.689	1762	1769	1778	rBV	109995	183071	18.68%	3.001%
80	12.865	1797	1798	1799	rBV	191	119	0.01%	0.002%
81	12.914	1799	1806	1810	rBV3	13129	27738	2.83%	0.455%
82	13.048	1821	1828	1834	rBV	26919	47490	4.84%	0.779%
83	13.134	1840	1842	1843	rVB	161	111	0.01%	0.002%
84	13.146	1843	1844	1845	rBV	226	148	0.02%	0.002%
85	13.195	1848	1852	1857	rVB4	1611	2671	0.27%	0.044%
86	13.249	1860	1861	1862	rBV	242	138	0.01%	0.002%
87	13.298	1866	1869	1873	rVB3	669	867	0.09%	0.014%
88	13.329	1873	1874	1877	rVB	264	130	0.01%	0.002%
89	13.402	1880	1886	1892	rVB5	2494	4864	0.50%	0.080%
90	13.463	1892	1896	1900	rBV4	1923	3107	0.32%	0.051%
91	13.554	1905	1911	1918	rBV	226011	361791	36.91%	5.931%
92	13.707	1933	1936	1938	rBV3	257	281	0.03%	0.005%
93	13.762	1940	1945	1952	rBV5	1764	3565	0.36%	0.058%
94	13.853	1952	1960	1971	rBV	166916	269240	27.47%	4.414%
95	13.993	1981	1983	1985	rVB2	317	206	0.02%	0.003%
96	14.066	1987	1995	2005	rVV2	4638	8459	0.86%	0.139%
97	14.176	2011	2013	2016	rVB2	274	269	0.03%	0.004%
98	14.572	2076	2078	2081	rBV	286	282	0.03%	0.005%
99	15.121	2166	2168	2169	rBV	282	127	0.01%	0.002%
100	15.487	2224	2228	2233	rVB2	4862	7869	0.80%	0.129%

Sum of corrected areas: 6099990

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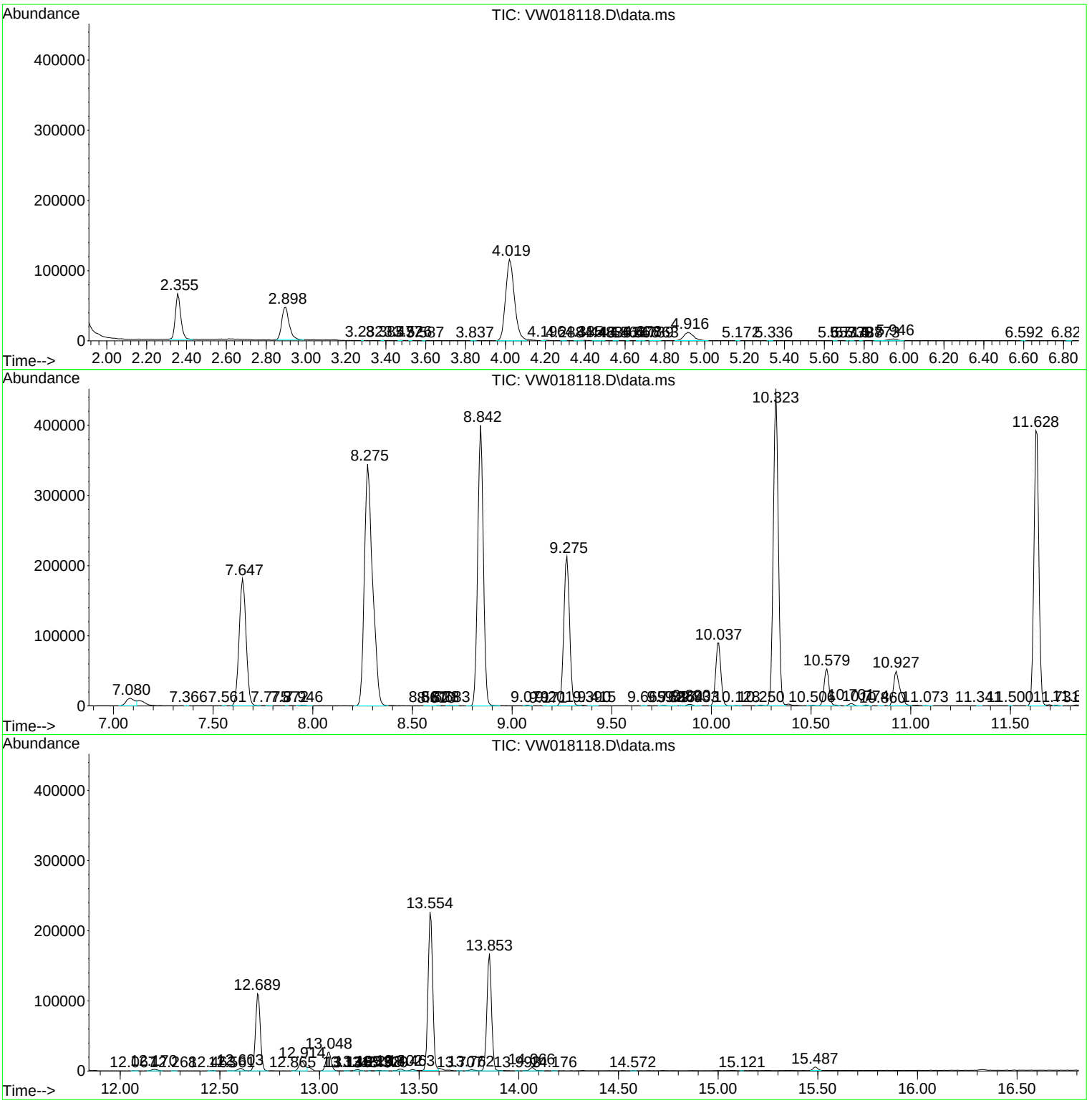
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ7

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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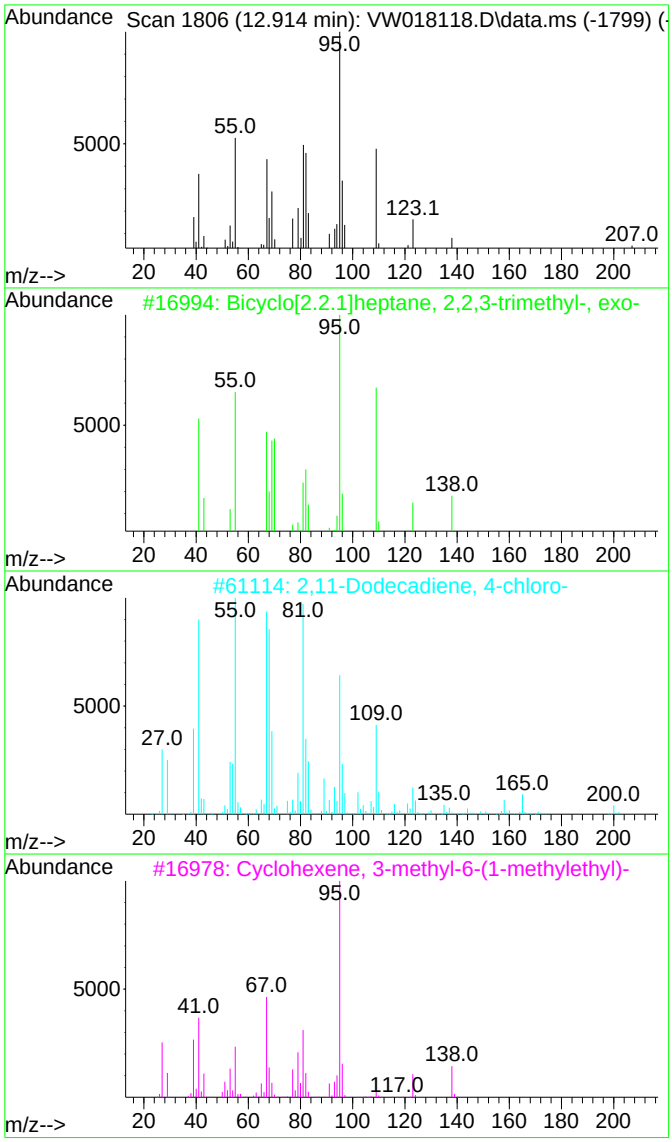
Quant Title : VOC Analysis

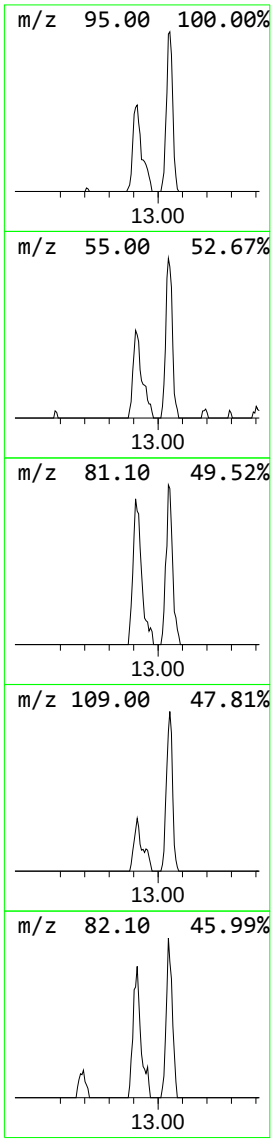
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.914	1.92 ug/L	27738	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	76
2	2,11-Dodecadiene, 4-chloro-	200	C12H21Cl	1000155-54-5	59
3	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	53
4	Cyclopentane, (3-methylbutylidene)-	138	C10H18	053366-51-1	52
5	(2E,4E)-3,7-Dimethyl-2,4-octadiene	138	C10H18	1000374-08-2	50





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DBGZ7

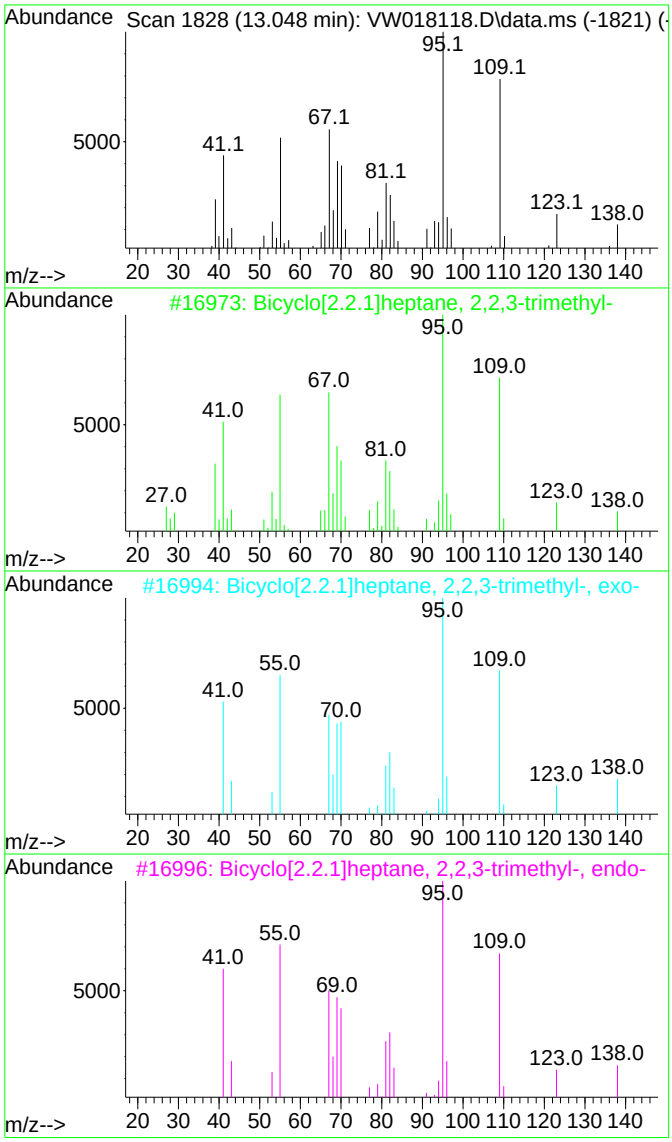
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

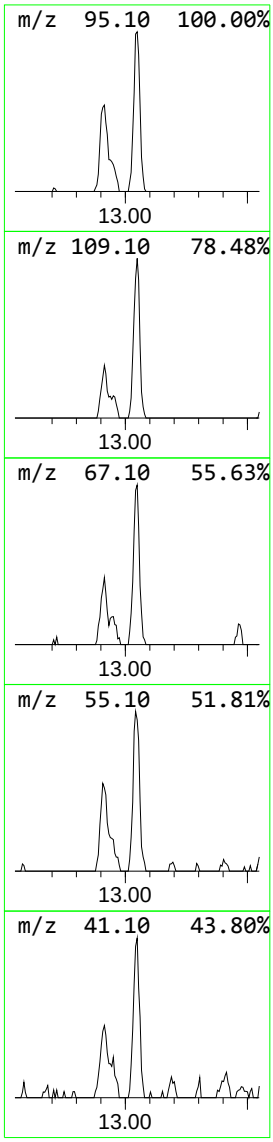
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.048	3.28 ug/L	47490	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	95
2	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	95
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	95
4	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	55
5	Cyclopentane, (3-methylbutylidene)-	138	C10H18	053366-51-1	49





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
Bicyclo[2.2.1]h...	12.914	1.9	ug/L	27738	3	13.554	361791	25.0
Bicyclo[2.2.1]h...	13.048	3.3	ug/L	47490	3	13.554	361791	25.0