LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\
Data File : VW015911.D
Acq On : 22 Jul 2020 18:19
Operator : SY/VA
Sample : L3388-17
Misc : 4.04G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AE4

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\SOM2WLM072020S.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	68	74	88	rVB	113252	227959	14.50%	1.837%
2	2.892	156	162	178	rVB	74540	188873	12.02%	1.522%
3	3.373	239	241	242	rBV2	1028	520	0.03%	0.004%
4	3.812	309	313	315	rVB3	431	543	0.03%	0.004%
5	4.013	333	346	363	rBV	183966	558435	35.53%	4.501%
6	4.385	404	407	411	rVB3	173	248	0.02%	0.002%
7	4.452	413	418	419	rBV2	338	381	0.02%	0.003%
8	4.471	419	421	425	rVB4	223	296	0.02%	0.002%
9	4.568	435	437	440	rVB2	290	229	0.01%	0.002%
10	4.623	440	446	447	rBV2	668	1079	0.07%	0.009%
11	4.666	452	453	456	rBV	284	347	0.02%	0.003%
12	4.916	484	494	511	rVV	29355	98863	6.29%	0.797%
13	5.117	519	527	528	rBV3	388	842	0.05%	0.007%
14	5.214	539	543	544	rBV3	255	319	0.02%	0.003%
15	5.409	573	575	580	rBV3	225	428	0.03%	0.003%
16	5.672	617	618	621	rBV	217	201	0.01%	0.002%
17	5.751	628	631	632	rVV2	198	204	0.01%	0.002%
18	5.934	651	661	674	rBV2	6995	21982	1.40%	0.177%
19	6.043	674	679	684	rBV2	245	402	0.03%	0.003%
20	6.214	704	707	708	rBV2	192	232	0.01%	0.002%
21	6.367	729	732	735	rBV2	171	228	0.01%	0.002%
22	6.427	739	742	743	rVB	230	214	0.01%	0.002%
23	6.446	743	745	749	rBV2	253	334	0.02%	0.003%
24	6.592	766	769	772	rBV2	182	277	0.02%	0.002%
25	6.903	819	820	823	rBV2	228	216	0.01%	0.002%
26	7.092	839	851	859	rBV	43062	130191	8.28%	1.049%
27	7.354	892	894	897	rVB2	259	226	0.01%	0.002%
28	7.421	904	905	908	rBB2	254	209	0.01%	0.002%
29	7.488	914	916	919	rBV	144	224	0.01%	0.002%
30	7.555	919	927	932	rBV3	434	847	0.05%	0.007%
31	7.653	932	943	956	rBV	264550	630179	40.10%	5.079%
32	7.842	967	974	976	rBV2	218	534	0.03%	0.004%
33	7.952	984	992	997	rBV4	1192	2305	0.15%	0.019%
34	7.988	997	998	1002	rVB	306	228	0.01%	0.002%

LSC Area Percent Report

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Misc : 4.04G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AE4

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\SOM2WLM072020S.M
Title : VOC Analysis

35	8.037	1002	1006	1008	rBV2	383	454	0.03%	0.004%
36	8.067	1008	1011	1014	rVB2	213	249	0.02%	0.002%
37	8.153	1022	1025	1028	rVB3	284	390	0.02%	0.003%
38	8.189	1028	1031	1032	rBV2	218	209	0.01%	0.002%
39	8.281	1034	1046	1063	rBV2	517059	1571653	100.00%	12.667%
40	8.476	1077	1078	1081	rVB2	364	217	0.01%	0.002%
41	8.519	1084	1085	1088	rVB3	392	345	0.02%	0.003%
42	8.616	1099	1101	1102	rVV	402	258	0.02%	0.002%
43	8.634	1102	1104	1106	rVV2	466	345	0.02%	0.003%
44	8.689	1111	1113	1117	rVB4	455	706	0.04%	0.006%
45	8.842	1128	1138	1153	rBV	545592	1087676	69.21%	8.767%
46	9.079	1172	1177	1182	rBV4	1654	3261	0.21%	0.026%
47	9.146	1186	1188	1190	rVB2	274	275	0.02%	0.002%
48	9.281	1201	1210	1220	rBV	350715	713172	45.38%	5.748%
49	9.421	1232	1233	1237	rVB	285	251	0.02%	0.002%
50	9.665	1270	1273	1280	rBV5	661	1575	0.10%	0.013%
51	9.799	1292	1295	1297	rBV3	336	508	0.03%	0.004%
52	9.872	1305	1307	1313	rVB5	284	574	0.04%	0.005%
53	9.951	1317	1320	1324	rVB3	446	616	0.04%	0.005%
54	10.037	1324	1334	1347	rBV	173786	321519	20.46%	2.591%
55	10.256	1368	1370	1373	rVB2	279	249	0.02%	0.002%
56	10.329	1373	1382	1390	rBV	701223	1251512	79.63%	10.087%
57	10.579	1416	1423	1436	rBV	114457	204673	13.02%	1.650%
58	10.707	1437	1444	1452	rBV	52489	94864	6.04%	0.765%
59	10.835	1452	1465	1466	rBV9	4357	15125	0.96%	0.122%
60	10.927	1474	1480	1498	rVB	164925	304751	19.39%	2.456%
61	11.067	1498	1503	1514	rVB	11611	20678	1.32%	0.167%
62	11.439	1559	1564	1572	rVB	20452	33583	2.14%	0.271%
63	11.634	1588	1596	1606	rBV	755724	1260213	80.18%	10.157%
64	12.067	1665	1667	1670	rVB4	367	325	0.02%	0.003%
65	12.097	1670	1672	1674	rVB3	451	314	0.02%	0.003%
66	12.134	1674	1678	1679	rBV	284	338	0.02%	0.003%
67	12.176	1679	1685	1686	rBV4	1501	1956	0.12%	0.016%
68	12.353	1691	1714	1737	rBV5	138664	812112	51.67%	6.546%
69	12.609	1749	1756	1763	rVB2	45190	82172	5.23%	0.662%
70	12.695	1763	1770	1778	rBV	269089	442939	28.18%	3.570%
71	12.756	1778	1780	1785	rVB4	2005	2759	0.18%	0.022%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\
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Operator : SY/VA
Sample : L3388-17
Misc : 4.04G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AE4

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\SOM2WLM072020S.M
Title : VOC Analysis

72	12.841	1790	1794	1795	rBV4	2760	3394	0.22%	0.027%
73	12.932	1805	1809	1812	rBV	5911	8452	0.54%	0.068%
74	13.036	1817	1826	1837	rVB5	28231	105402	6.71%	0.850%
75	13.195	1844	1852	1858	rVB3	6405	12434	0.79%	0.100%
76	13.249	1858	1861	1864	rBV4	830	1189	0.08%	0.010%
77	13.298	1864	1869	1875	rVB2	9442	15128	0.96%	0.122%
78	13.408	1875	1887	1892	rBV2	15898	32024	2.04%	0.258%
79	13.475	1892	1898	1905	rBV8	7839	22254	1.42%	0.179%
80	13.560	1905	1912	1918	rBV	640696	1007241	64.09%	8.118%
81	13.853	1953	1960	1966	rBV	535177	926403	58.94%	7.467%
82	14.072	1991	1996	2006	rVB2	11787	20588	1.31%	0.166%
83	14.225	2009	2021	2030	rBV2	8731	35103	2.23%	0.283%
84	14.524	2068	2070	2072	rBV3	519	444	0.03%	0.004%
85	14.578	2072	2079	2090	rBV3	5636	21893	1.39%	0.176%
86	14.761	2099	2109	2121	rVB3	23910	70400	4.48%	0.567%
87	14.950	2135	2140	2146	rBV7	1614	3064	0.19%	0.025%
88	15.139	2167	2171	2177	rBV7	1060	2409	0.15%	0.019%
89	15.322	2198	2201	2203	rVB2	387	322	0.02%	0.003%
90	15.353	2204	2206	2207	rBV2	623	400	0.03%	0.003%
91	15.438	2213	2220	2226	rBV2	6068	10692	0.68%	0.086%
92	15.499	2226	2230	2233	rVB2	1867	2455	0.16%	0.020%
93	15.658	2254	2256	2257	rBV2	399	291	0.02%	0.002%
94	15.761	2271	2273	2274	rBV2	524	317	0.02%	0.003%
95	15.847	2286	2287	2290	rVB3	652	399	0.03%	0.003%
96	16.042	2317	2319	2322	rBV	504	657	0.04%	0.005%
97	16.090	2325	2327	2330	rVV3	485	421	0.03%	0.003%
98	16.298	2357	2361	2362	rBV3	556	797	0.05%	0.006%
99	16.529	2395	2399	2403	rBV4	392	746	0.05%	0.006%
100	16.627	2413	2415	2416	rBV3	429	388	0.02%	0.003%

Sum of corrected areas: 12407118

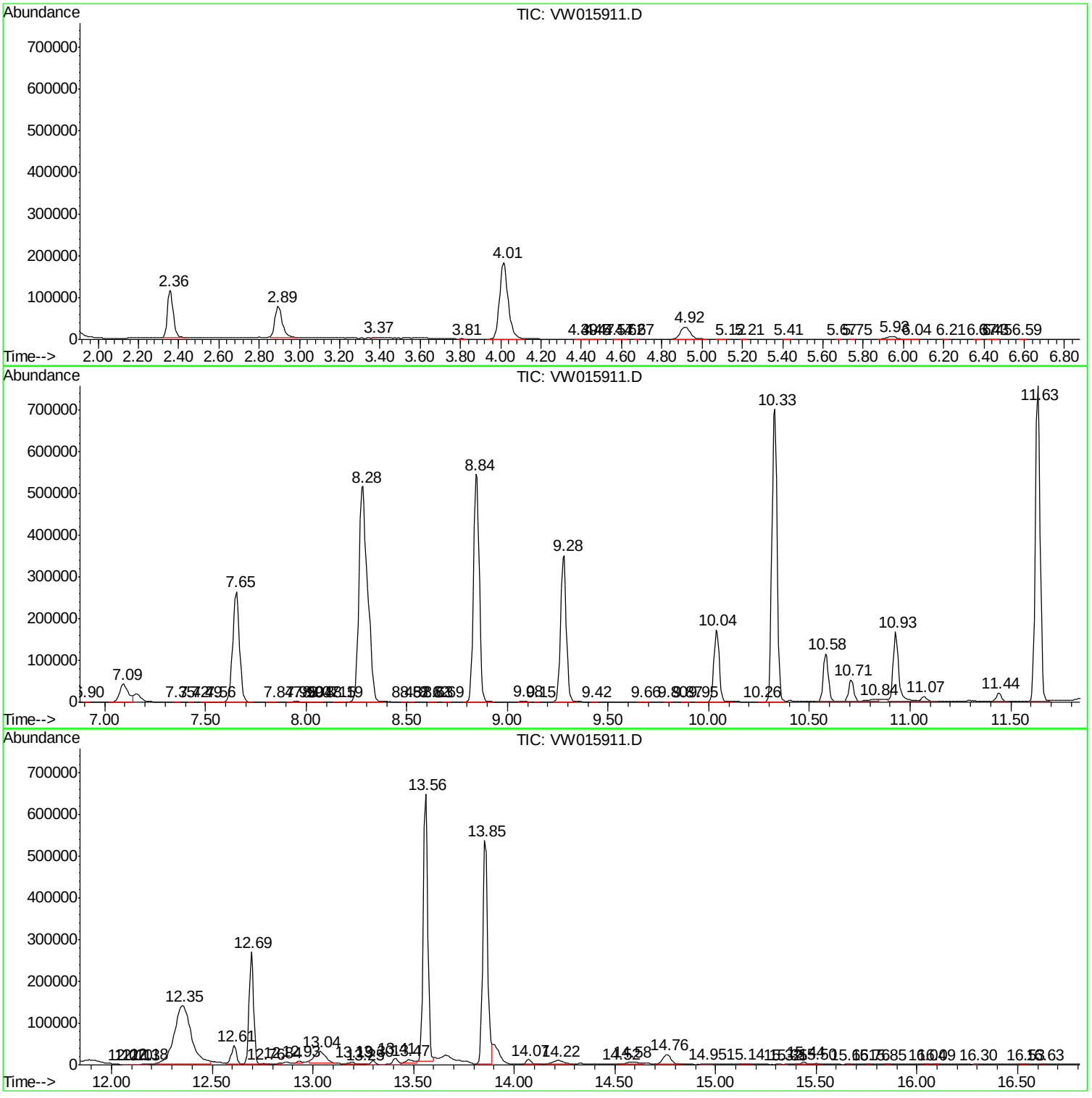
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072220\
Data File : VW015911.D
Acq On : 22 Jul 2020 18:19
Operator : SY/VA
Sample : L3388-17
Misc : 4.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AE4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.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\VW072220\
Data File : VW015911.D
Acq On : 22 Jul 2020 18:19
Operator : SY/VA
Sample : L3388-17
Misc : 4.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AE4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

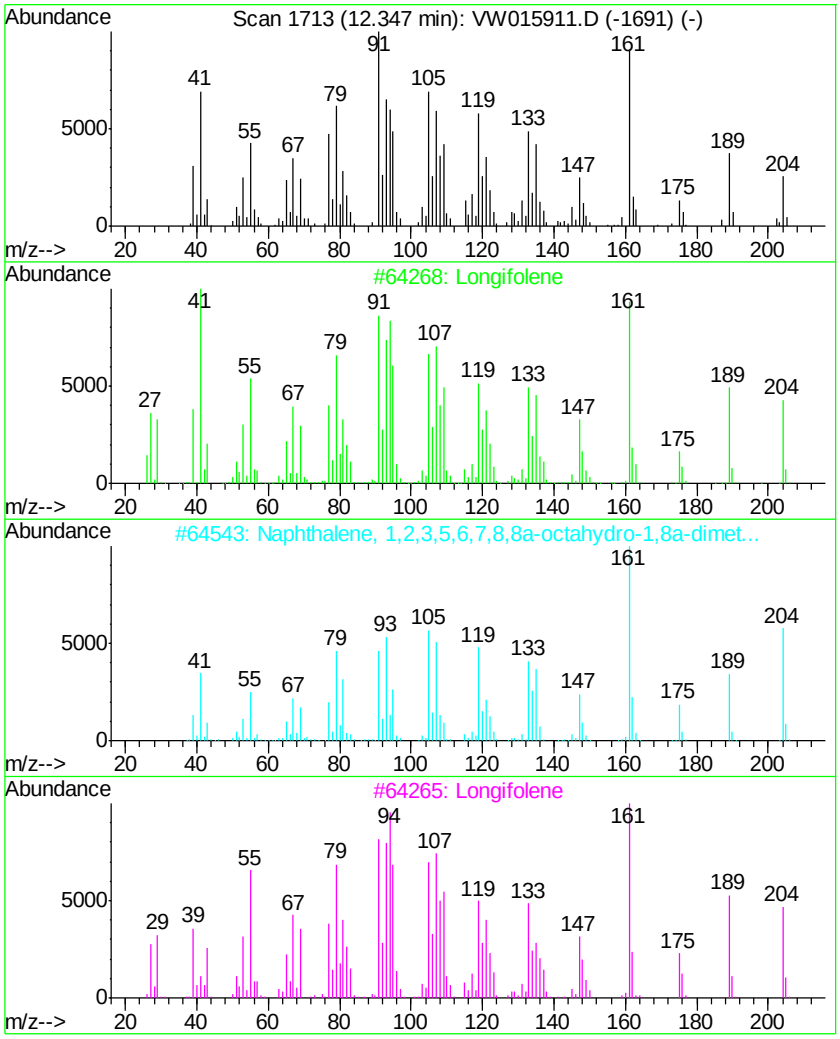
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

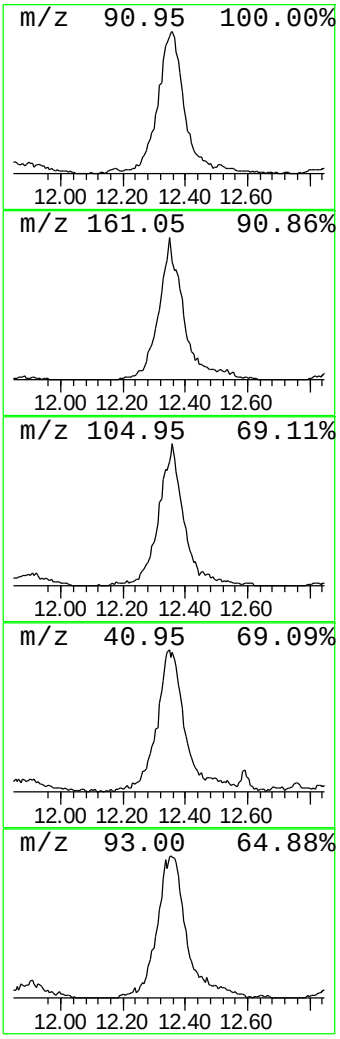
****

Peak Number 3 Longifolene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	16.11 ug/L	812112	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolene	204	C15H24	000475-20-7	99
2	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	98
3	Longifolene	204	C15H24	000475-20-7	98
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	010219-75-7	97
5	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	96





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Instrument : MSVOA_W
ClientSampleId : C0AE4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

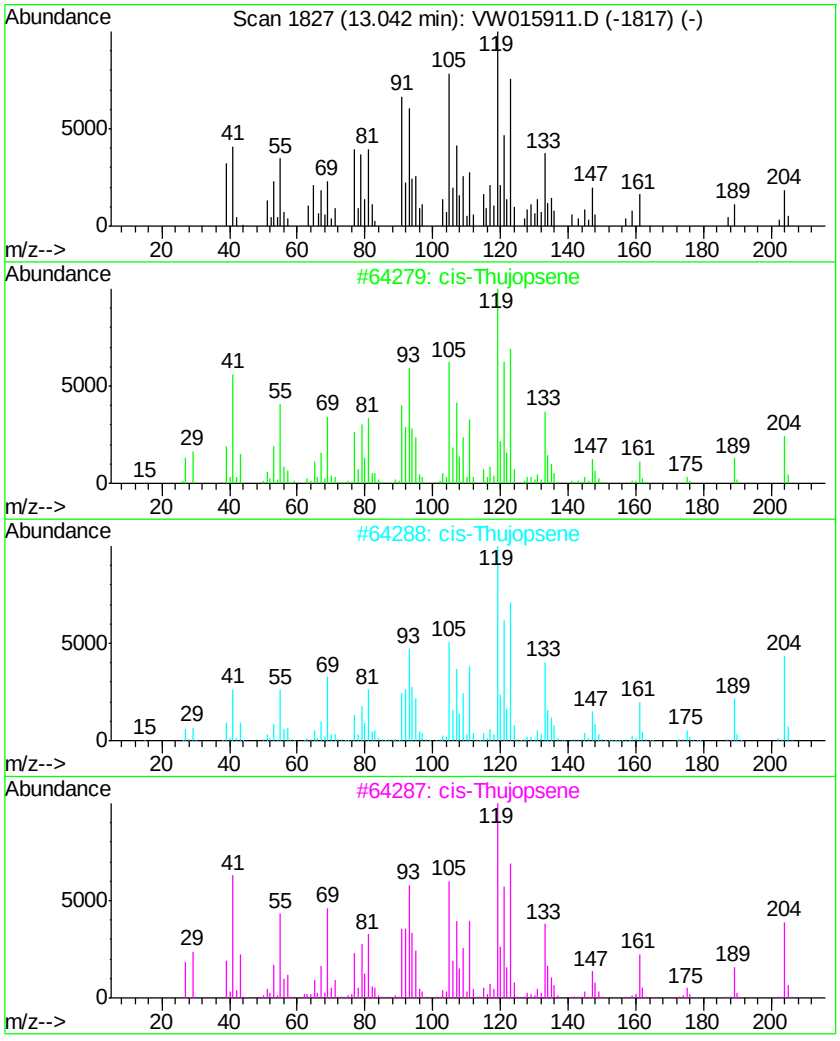
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

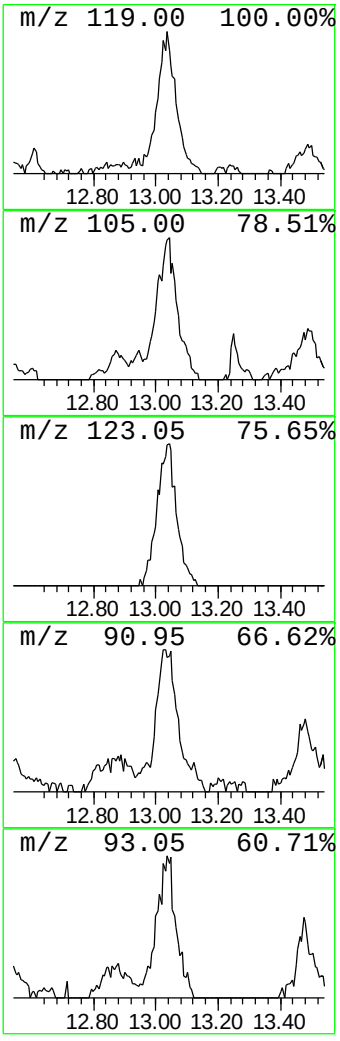
****

Peak Number 5 cis-Thujopsene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	2.62 ug/L	105402	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Thujopsene	204	C15H24	000470-40-6	99
2	cis-Thujopsene	204	C15H24	000470-40-6	97
3	cis-Thujopsene	204	C15H24	000470-40-6	97
4	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	90
5	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	86





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

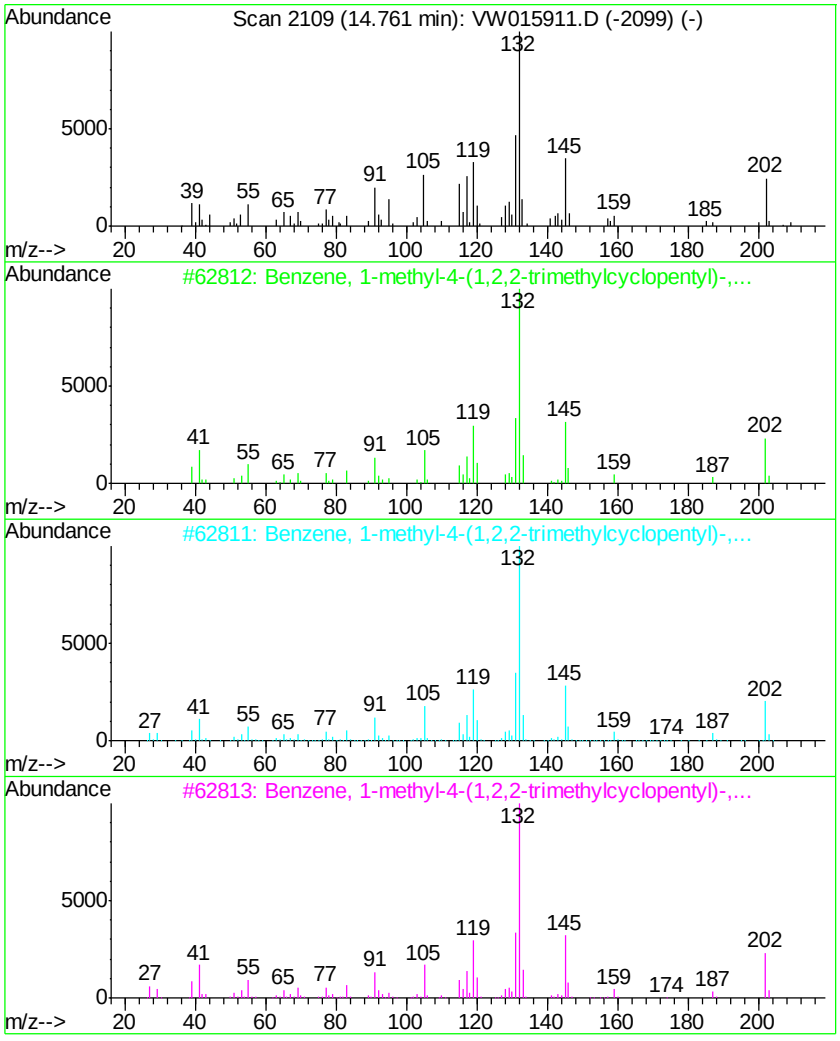
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

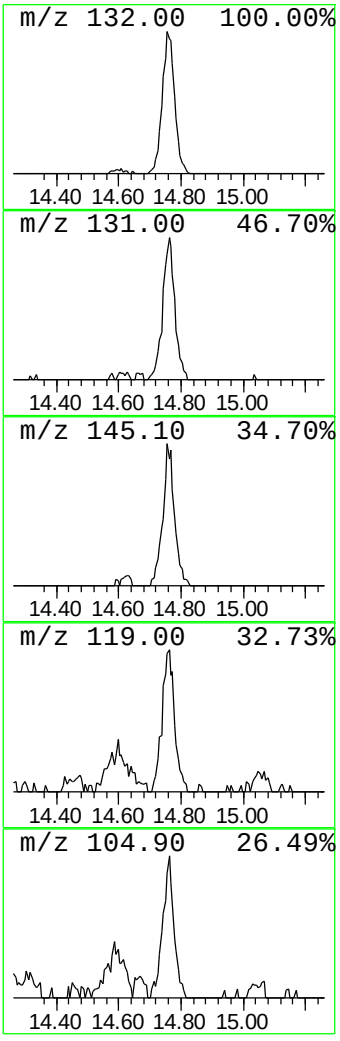
****

Peak Number 6 Benzene, 1-methyl-4-(1,2,2-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	1.75 ug/L	70400	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1,2,2-trime...	202	C15H22	016982-00-6	93
2	Benzene, 1-methyl-4-(1,2,2-trime...	202	C15H22	016982-00-6	90
3	Benzene, 1-methyl-4-(1,2,2-trime...	202	C15H22	016982-00-6	83
4	1H-Indol-4-amine	132	C8H8N2	005192-23-4	46
5	5-Aminoindole	132	C8H8N2	005192-03-0	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072220\
Data File : VW015911.D
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AE4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
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
Longifolene	12.35	16.1	ug/L	812112	2	11.63	1260210	25.0
cis-Thujopsene	13.04	2.6	ug/L	105402	3	13.56	1007240	25.0
Benzene, 1-methyl...	14.76	1.8	ug/L	70400	3	13.56	1007240	25.0