LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\
Data File : VW015906.D
Acq On : 22 Jul 2020 15:58
Operator : SY/VA
Sample : L3388-12
Misc : 5.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AD8

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	2.160	39	42	44	rBV2	1212	1781	0.19%	0.025%
2	2.361	69	75	86	rVB	77079	150052	16.05%	2.111%
3	2.898	155	163	179	rVB	49261	127035	13.59%	1.787%
4	3.855	318	320	323	rBV2	362	372	0.04%	0.005%
5	3.885	323	325	328	rVB3	367	390	0.04%	0.005%
6	4.013	335	346	358	rBV	129024	360390	38.54%	5.070%
7	4.135	358	366	374	rVV	17522	45688	4.89%	0.643%
8	4.287	388	391	394	rVB2	358	356	0.04%	0.005%
9	4.367	400	404	405	rBV2	294	287	0.03%	0.004%
10	4.385	405	407	408	rBV2	306	307	0.03%	0.004%
11	4.416	410	412	413	rBV	584	376	0.04%	0.005%
12	4.568	434	437	438	rBV	254	298	0.03%	0.004%
13	4.611	438	444	445	rBV2	819	1248	0.13%	0.018%
14	4.647	448	450	453	rVV2	421	456	0.05%	0.006%
15	4.751	465	467	470	rBV2	309	292	0.03%	0.004%
16	4.915	483	494	512	rVB	23034	72826	7.79%	1.025%
17	5.117	525	527	531	rBV3	285	429	0.05%	0.006%
18	5.940	653	662	673	rVB3	6229	19548	2.09%	0.275%
19	6.513	751	756	759	rBV2	196	322	0.03%	0.005%
20	6.921	821	823	827	rBV2	377	431	0.05%	0.006%
21	7.086	841	850	857	rBV	32512	93135	9.96%	1.310%
22	7.543	915	925	933	rBV5	835	2508	0.27%	0.035%
23	7.653	933	943	957	rVV	149169	363316	38.86%	5.111%
24	7.951	986	992	999	rVB4	1224	2382	0.25%	0.034%
25	8.281	1031	1046	1064	rBV2	314030	935011	100.00%	13.154%
26	8.409	1064	1067	1073	rVB3	424	685	0.07%	0.010%
27	8.549	1088	1090	1095	rVB3	479	512	0.05%	0.007%
28	8.701	1107	1115	1116	rBV4	790	1340	0.14%	0.019%
29	8.848	1130	1139	1152	rBV	388879	762521	81.55%	10.727%
30	8.988	1160	1162	1164	rBV2	388	289	0.03%	0.004%
31	9.061	1172	1174	1176	rVV	647	628	0.07%	0.009%
32	9.079	1176	1177	1182	rVV3	739	994	0.11%	0.014%
33	9.281	1201	1210	1219	rBV	199269	402993	43.10%	5.669%
34	9.671	1269	1274	1281	rVB4	424	960	0.10%	0.014%

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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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Peak separation: 5

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

35	9.957	1317	1321	1326	rBV4	833	1585	0.17%	0.022%
36	10.036	1326	1334	1343	rBV	95700	178883	19.13%	2.516%
37	10.122	1346	1348	1349	rBV2	542	412	0.04%	0.006%
38	10.207	1358	1362	1369	rVB4	572	1087	0.12%	0.015%
39	10.329	1374	1382	1391	rBV	400435	713986	76.36%	10.044%
40	10.506	1406	1411	1416	rVB3	2845	4573	0.49%	0.064%
41	10.585	1416	1424	1433	rBV	63877	114870	12.29%	1.616%
42	10.652	1433	1435	1436	rVB2	533	302	0.03%	0.004%
43	10.707	1437	1444	1451	rBV	55937	97896	10.47%	1.377%
44	10.786	1453	1457	1460	rBV4	769	851	0.09%	0.012%
45	10.817	1460	1462	1463	rBV2	533	450	0.05%	0.006%
46	10.927	1474	1480	1490	rBV	109359	196642	21.03%	2.766%
47	11.067	1497	1503	1513	rVB	10178	19531	2.09%	0.275%
48	11.177	1513	1521	1527	rVB8	873	2185	0.23%	0.031%
49	11.341	1546	1548	1552	rVV3	409	356	0.04%	0.005%
50	11.445	1557	1565	1574	rVB	21327	37847	4.05%	0.532%
51	11.634	1589	1596	1606	rBV	495424	820461	87.75%	11.542%
52	11.780	1617	1620	1623	rVB3	445	475	0.05%	0.007%
53	11.847	1623	1631	1632	rBV4	2068	3385	0.36%	0.048%
54	11.939	1638	1646	1649	rBV9	3214	7529	0.81%	0.106%
55	12.091	1669	1671	1674	rVB	335	297	0.03%	0.004%
56	12.121	1674	1676	1679	rBV2	326	365	0.04%	0.005%
57	12.152	1679	1681	1683	rBV2	311	324	0.03%	0.005%
58	12.243	1692	1696	1697	rBV2	551	598	0.06%	0.008%
59	12.353	1697	1714	1728	rVV9	10174	54957	5.88%	0.773%
60	12.475	1729	1734	1741	rVV2	6023	10556	1.13%	0.148%
61	12.609	1749	1756	1761	rBV	30561	57786	6.18%	0.813%
62	12.695	1765	1770	1778	rVV	151308	249695	26.71%	3.513%
63	12.762	1778	1781	1788	rVB3	1811	3157	0.34%	0.044%
64	12.877	1795	1800	1806	rBV7	2694	4720	0.50%	0.066%
65	12.938	1806	1810	1817	rVV5	5024	9817	1.05%	0.138%
66	13.030	1817	1825	1836	rVB7	4608	14436	1.54%	0.203%
67	13.164	1843	1847	1849	rBV3	2187	3226	0.35%	0.045%
68	13.207	1849	1854	1860	rVB2	30366	47363	5.07%	0.666%
69	13.298	1864	1869	1876	rVB5	6245	12355	1.32%	0.174%
70	13.408	1876	1887	1893	rBV3	7889	15371	1.64%	0.216%
71	13.493	1893	1901	1905	rBV4	5790	14053	1.50%	0.198%

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Sampling : 1 Min Area: 0 % of largest Peak
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Title : VOC Analysis

72	13.560	1905	1912	1918	rBV	383666	592841	63.40%	8.340%
73	13.853	1953	1960	1979	rBV	234488	417096	44.61%	5.868%
74	14.005	1979	1985	1990	rVB7	1671	3333	0.36%	0.047%
75	14.072	1991	1996	2001	rBV2	7687	12414	1.33%	0.175%
76	14.133	2004	2006	2007	rBV2	793	662	0.07%	0.009%
77	14.334	2033	2039	2043	rBV8	1693	3607	0.39%	0.051%
78	14.426	2052	2054	2062	rVB7	1571	3251	0.35%	0.046%
79	14.530	2063	2071	2076	rBV8	1604	3627	0.39%	0.051%
80	14.731	2101	2104	2108	rBV4	1535	2693	0.29%	0.038%
81	14.828	2119	2120	2125	rBV2	383	363	0.04%	0.005%
82	14.883	2125	2129	2131	rBV3	639	918	0.10%	0.013%
83	14.956	2140	2141	2145	rVB4	546	426	0.05%	0.006%
84	15.029	2149	2153	2155	rBV2	388	446	0.05%	0.006%
85	15.261	2189	2191	2195	rVV2	475	530	0.06%	0.007%
86	15.438	2216	2220	2225	rVB3	3669	4864	0.52%	0.068%
87	15.560	2236	2240	2241	rBV3	394	439	0.05%	0.006%
88	15.584	2241	2244	2248	rVB4	467	555	0.06%	0.008%
89	15.615	2248	2249	2251	rBV2	325	282	0.03%	0.004%
90	15.664	2256	2257	2260	rBV2	397	299	0.03%	0.004%
91	15.694	2260	2262	2264	rBV2	707	499	0.05%	0.007%
92	15.798	2277	2279	2283	rVB3	808	1042	0.11%	0.015%
93	15.852	2283	2288	2290	rBV5	769	1036	0.11%	0.015%
94	15.877	2290	2292	2298	rVB4	726	1108	0.12%	0.016%
95	15.938	2298	2302	2303	rBV3	579	634	0.07%	0.009%
96	16.029	2315	2317	2318	rVB2	493	341	0.04%	0.005%
97	16.096	2324	2328	2330	rBV3	712	1007	0.11%	0.014%
98	16.145	2335	2336	2339	rBV3	457	455	0.05%	0.006%
99	16.517	2396	2397	2402	rVB4	512	690	0.07%	0.010%
100	16.645	2416	2418	2421	rBV2	433	433	0.05%	0.006%

Sum of corrected areas: 7108431

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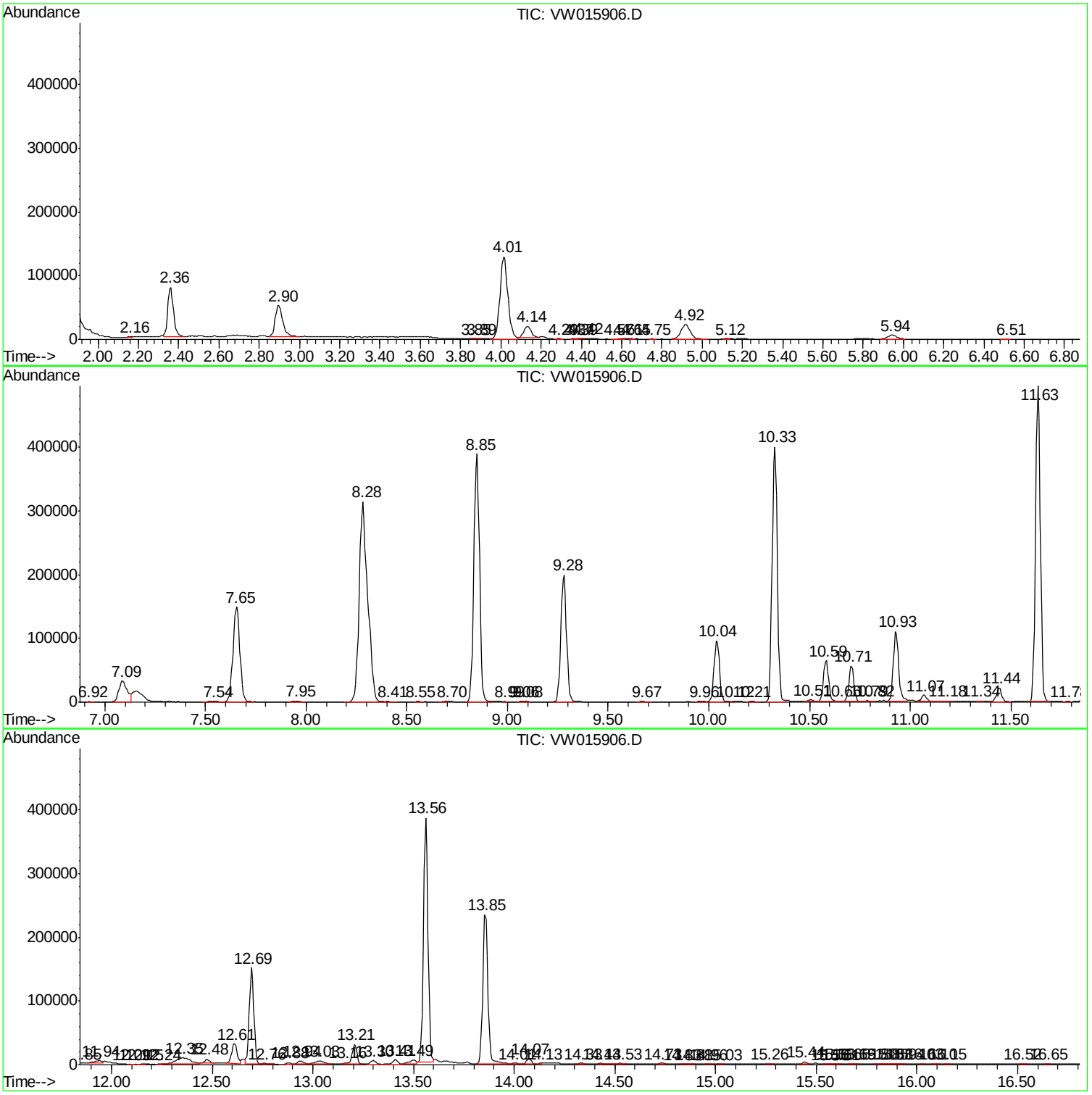
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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



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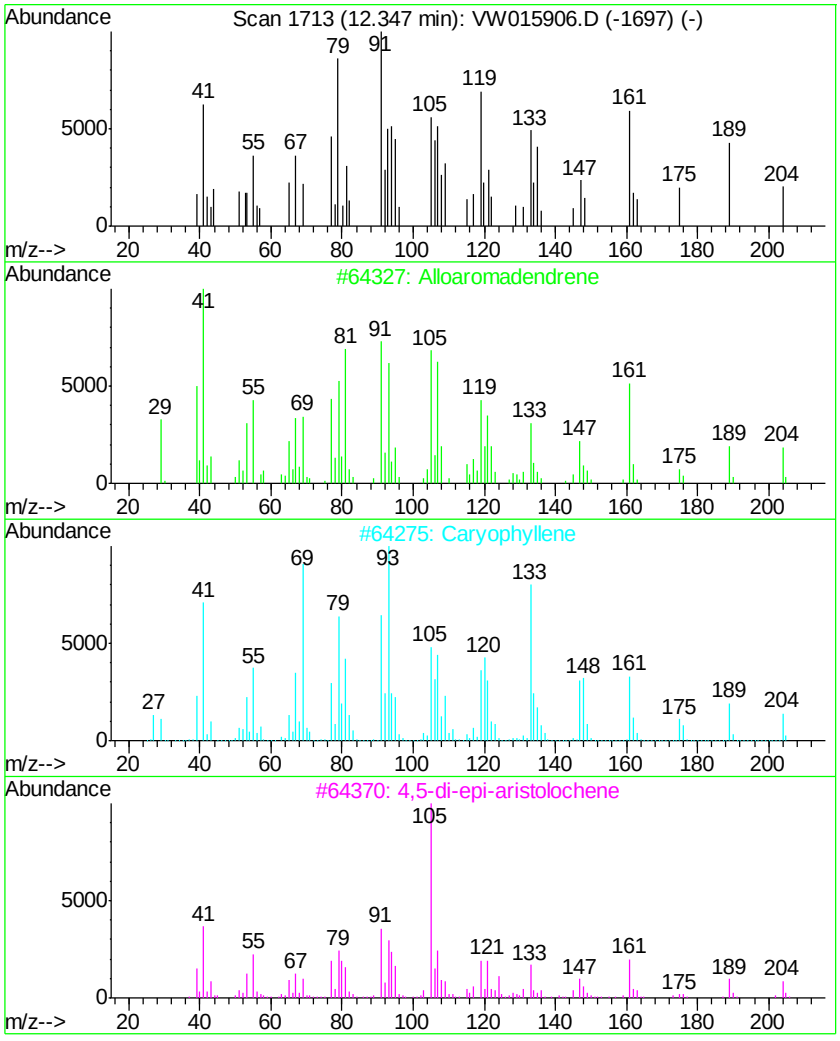
TIC Integration Parameters: LSCINT.P

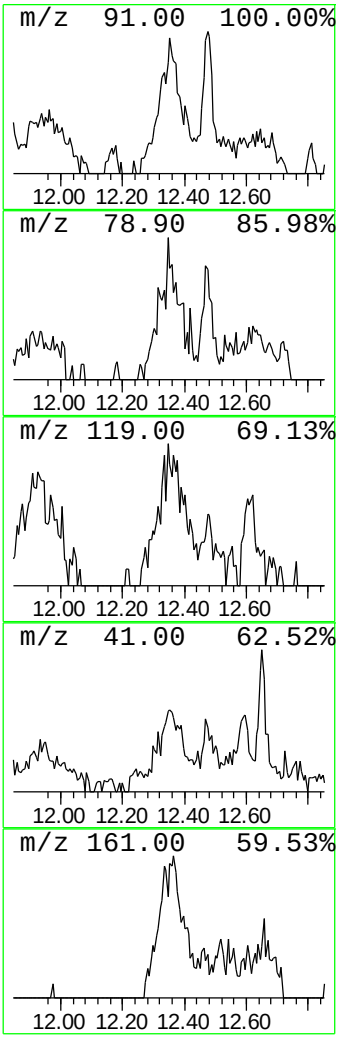
****

Peak Number 3 Alloaromadendrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	1.67 ug/L	54957	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Alloaromadendrene	204	C15H24	025246-27-9	78
2	Caryophyllene	204	C15H24	000087-44-5	62
3	4,5-di-epi-aristolochene	204	C15H24	1000374-17-1	52
4	Aromandendrene	204	C15H24	000489-39-4	46
5	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072220\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

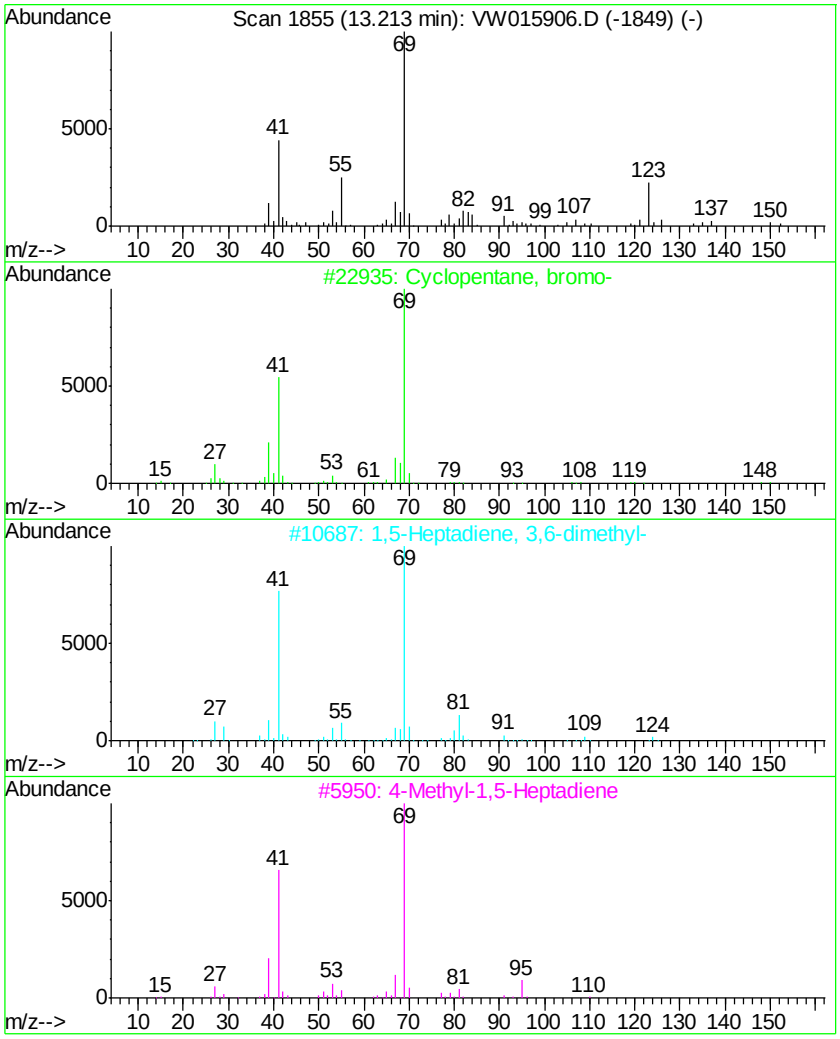
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

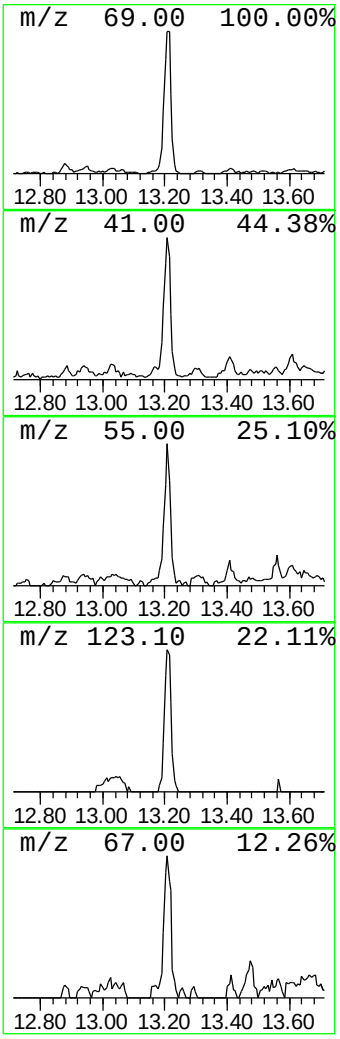
****

Peak Number 5 Cyclopentane, bromo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	2.00 ug/L	47363	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	53
2	1,5-Heptadiene, 3,6-dimethyl-	124	C9H16	034891-10-6	53
3	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	53
4	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	53
5	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	53





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
Alloaromadendrene	12.35	1.7	ug/L	54957	2	11.63	820461	25.0
Cyclopentane, bromo-	13.21	2.0	ug/L	47363	3	13.56	592841	25.0