LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017263.D
Acq On : 16 Nov 2020 17:41
Operator : SY/VA
Sample : L4727-10RE
Misc : 4.38G/10ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AC9RE

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\SOM2WLM110420S.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	70	74	79	rVB	10347	16133	13.47%	1.864%
2	2.885	156	161	172	rVB	11026	24025	20.06%	2.776%
3	3.056	188	189	192	rVB	269	164	0.14%	0.019%
4	3.190	207	211	212	rVB2	375	442	0.37%	0.051%
5	3.208	212	214	215	rBV	294	279	0.23%	0.032%
6	3.306	228	230	231	rVB	271	175	0.15%	0.020%
7	3.513	263	264	267	rBV	236	211	0.18%	0.024%
8	3.537	267	268	270	rVV	206	145	0.12%	0.017%
9	3.562	270	272	273	rVV	217	143	0.12%	0.017%
10	3.605	277	279	280	rBV2	209	186	0.16%	0.021%
11	3.708	295	296	299	rVB	223	157	0.13%	0.018%
12	4.031	339	349	359	rVB2	15758	42594	35.56%	4.921%
13	4.098	359	360	361	rBV	269	158	0.13%	0.018%
14	4.117	361	363	364	rBV	359	239	0.20%	0.028%
15	4.300	390	393	395	rBV2	184	234	0.20%	0.027%
16	4.391	398	408	419	rBV2	2391	7876	6.58%	0.910%
17	4.678	453	455	458	rBV	124	203	0.17%	0.023%
18	4.836	479	481	483	rBV	232	166	0.14%	0.019%
19	4.921	487	495	501	rBV5	1232	3971	3.32%	0.459%
20	5.129	524	529	531	rBV2	225	308	0.26%	0.036%
21	5.330	559	562	563	rBV2	150	183	0.15%	0.021%
22	5.385	569	571	573	rBV2	197	212	0.18%	0.024%
23	5.494	585	589	590	rBV	214	173	0.14%	0.020%
24	5.513	590	592	593	rVV	182	137	0.11%	0.016%
25	5.549	595	598	600	rVV2	152	154	0.13%	0.018%
26	5.586	603	604	608	rVB2	227	206	0.17%	0.024%
27	5.616	608	609	613	rBV	203	223	0.19%	0.026%
28	5.659	613	616	621	rVB2	204	345	0.29%	0.040%
29	5.702	621	623	625	rBV2	231	151	0.13%	0.017%
30	5.939	660	662	664	rBV2	324	303	0.25%	0.035%
31	5.964	664	666	668	rVB	365	281	0.23%	0.032%
32	5.994	669	671	675	rVB	193	176	0.15%	0.020%
33	6.421	738	741	742	rBV2	192	210	0.18%	0.024%
34	6.567	763	765	768	rVB2	180	198	0.17%	0.023%

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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AC9RE

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\SOM2WLM110420S.M
Title : VOC Analysis

35	6.805	800	804	805	rVV2	130	146	0.12%	0.017%
36	6.903	817	820	823	rVB2	232	305	0.25%	0.035%
37	6.933	823	825	826	rBV2	154	134	0.11%	0.015%
38	7.000	835	836	840	rBV2	166	230	0.19%	0.027%
39	7.134	842	858	870	rBV2	9373	33906	28.31%	3.917%
40	7.281	880	882	883	rBV2	192	166	0.14%	0.019%
41	7.476	911	914	915	rBV	237	158	0.13%	0.018%
42	7.653	934	943	954	rBV	21225	52834	44.11%	6.104%
43	7.744	956	958	961	rVB2	322	342	0.29%	0.040%
44	7.775	961	963	964	rBV	192	169	0.14%	0.020%
45	7.976	995	996	999	rVB	244	136	0.11%	0.016%
46	8.006	999	1001	1003	rBV2	195	215	0.18%	0.025%
47	8.092	1011	1015	1018	rVB2	176	160	0.13%	0.018%
48	8.281	1036	1046	1061	rBV2	38497	119778	100.00%	13.838%
49	8.457	1073	1075	1076	rBV	167	158	0.13%	0.018%
50	8.470	1076	1077	1079	rVV2	255	200	0.17%	0.023%
51	8.518	1081	1085	1086	rVB2	201	215	0.18%	0.025%
52	8.848	1131	1139	1150	rVB	38703	78108	65.21%	9.024%
53	9.079	1175	1177	1180	rBV2	128	148	0.12%	0.017%
54	9.134	1184	1186	1187	rVB	322	163	0.14%	0.019%
55	9.280	1202	1210	1218	rBV	26167	53600	44.75%	6.193%
56	9.683	1274	1276	1278	rVB	220	192	0.16%	0.022%
57	9.713	1278	1281	1282	rBV	145	139	0.12%	0.016%
58	9.762	1284	1289	1293	rBV4	619	1163	0.97%	0.134%
59	9.835	1299	1301	1304	rVB2	183	156	0.13%	0.018%
60	9.896	1304	1311	1318	rBV4	1874	3872	3.23%	0.447%
61	10.036	1326	1334	1342	rBV	11534	21269	17.76%	2.457%
62	10.152	1351	1353	1355	rBV2	139	143	0.12%	0.017%
63	10.195	1359	1360	1361	rBV	294	201	0.17%	0.023%
64	10.329	1375	1382	1390	rBV	47106	81181	67.78%	9.379%
65	10.475	1400	1406	1407	rBV2	435	726	0.61%	0.084%
66	10.494	1407	1409	1412	rVV2	452	450	0.38%	0.052%
67	10.518	1412	1413	1414	rVV	310	139	0.12%	0.016%
68	10.536	1414	1416	1417	rVB	300	170	0.14%	0.020%
69	10.585	1418	1424	1431	rVV2	5916	11088	9.26%	1.281%
70	10.707	1438	1444	1452	rBV	8766	16948	14.15%	1.958%
71	10.926	1475	1480	1490	rVB2	5885	11414	9.53%	1.319%

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ClientSampleId : C0AC9RE

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\SOM2WLM110420S.M
Title : VOC Analysis

72	11.067	1498	1503	1508	rVV2	3311	5262	4.39%	0.608%
73	11.371	1551	1553	1555	rVB2	193	179	0.15%	0.021%
74	11.396	1555	1557	1559	rBV	258	290	0.24%	0.034%
75	11.445	1559	1565	1570	rVV	7889	12761	10.65%	1.474%
76	11.536	1578	1580	1584	rVB	217	237	0.20%	0.027%
77	11.634	1589	1596	1611	rVB	46059	78930	65.90%	9.119%
78	11.737	1611	1613	1616	rBV2	176	196	0.16%	0.023%
79	11.768	1616	1618	1623	rVB2	137	152	0.13%	0.018%
80	11.810	1623	1625	1627	rBV2	151	170	0.14%	0.020%
81	11.865	1631	1634	1635	rBV2	130	150	0.13%	0.017%
82	12.109	1670	1674	1676	rBV2	200	259	0.22%	0.030%
83	12.316	1706	1708	1710	rBV2	149	144	0.12%	0.017%
84	12.420	1723	1725	1728	rBV2	184	224	0.19%	0.026%
85	12.451	1728	1730	1734	rBV2	183	213	0.18%	0.025%
86	12.609	1750	1756	1764	rVB	28284	45983	38.39%	5.313%
87	12.694	1764	1770	1777	rVV2	18586	31246	26.09%	3.610%
88	12.755	1777	1780	1785	rVB3	457	772	0.64%	0.089%
89	12.798	1785	1787	1789	rBV2	225	222	0.19%	0.026%
90	12.871	1798	1799	1801	rBV2	130	136	0.11%	0.016%
91	12.938	1805	1810	1813	rBV2	955	1438	1.20%	0.166%
92	13.042	1825	1827	1830	rVB2	345	311	0.26%	0.036%
93	13.133	1838	1842	1843	rBV3	506	444	0.37%	0.051%
94	13.298	1864	1869	1873	rVB	4555	6754	5.64%	0.780%
95	13.402	1879	1886	1892	rBV3	536	1339	1.12%	0.155%
96	13.499	1900	1902	1904	rBV2	504	447	0.37%	0.052%
97	13.560	1907	1912	1923	rVB2	20001	31717	26.48%	3.664%
98	13.853	1955	1960	1967	rBV3	19632	34368	28.69%	3.971%
99	14.072	1992	1996	2003	rVB	6305	9971	8.32%	1.152%
100	14.798	2111	2115	2121	rVB5	5173	9948	8.31%	1.149%

Sum of corrected areas: 865546

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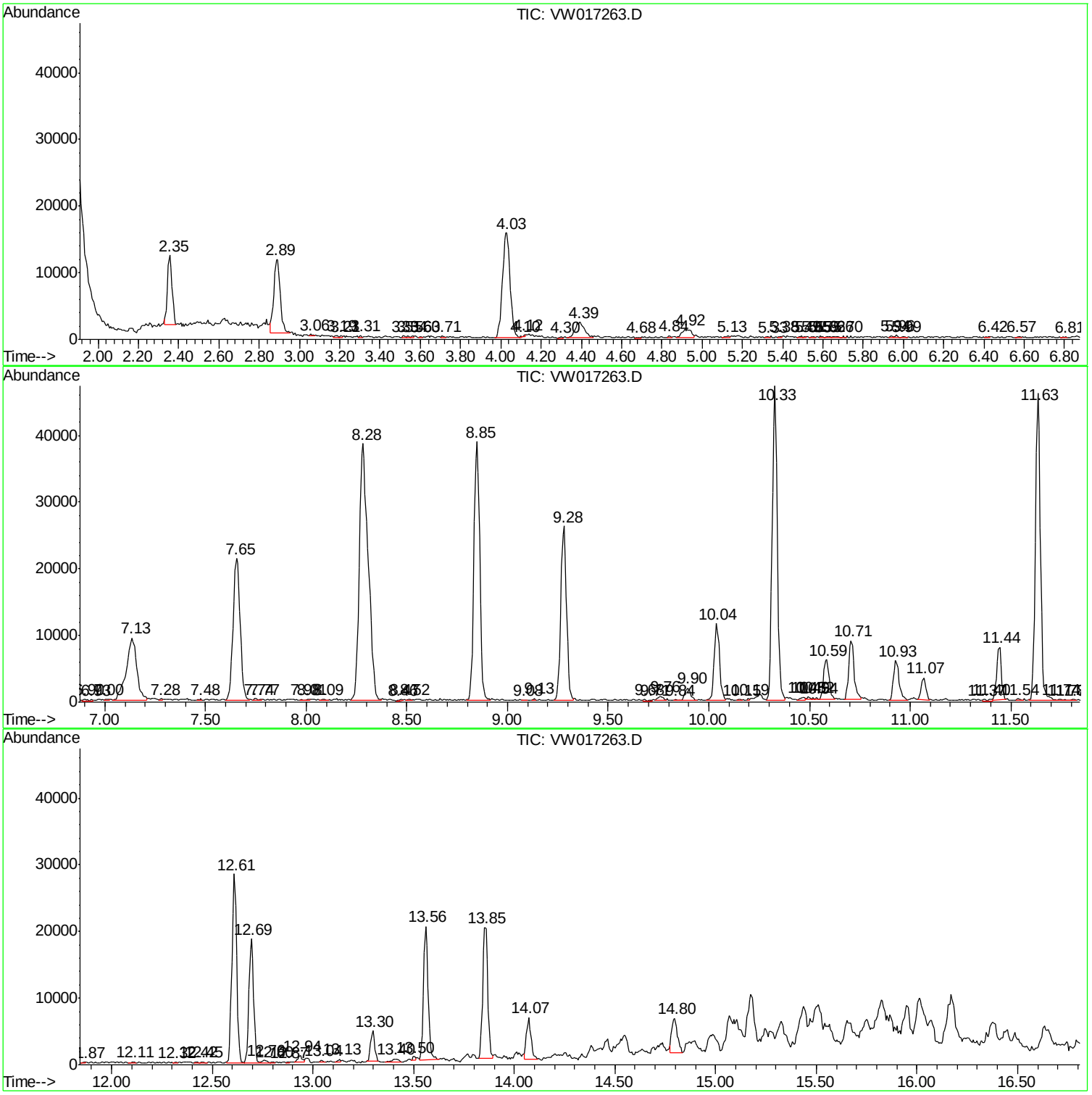
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111620\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

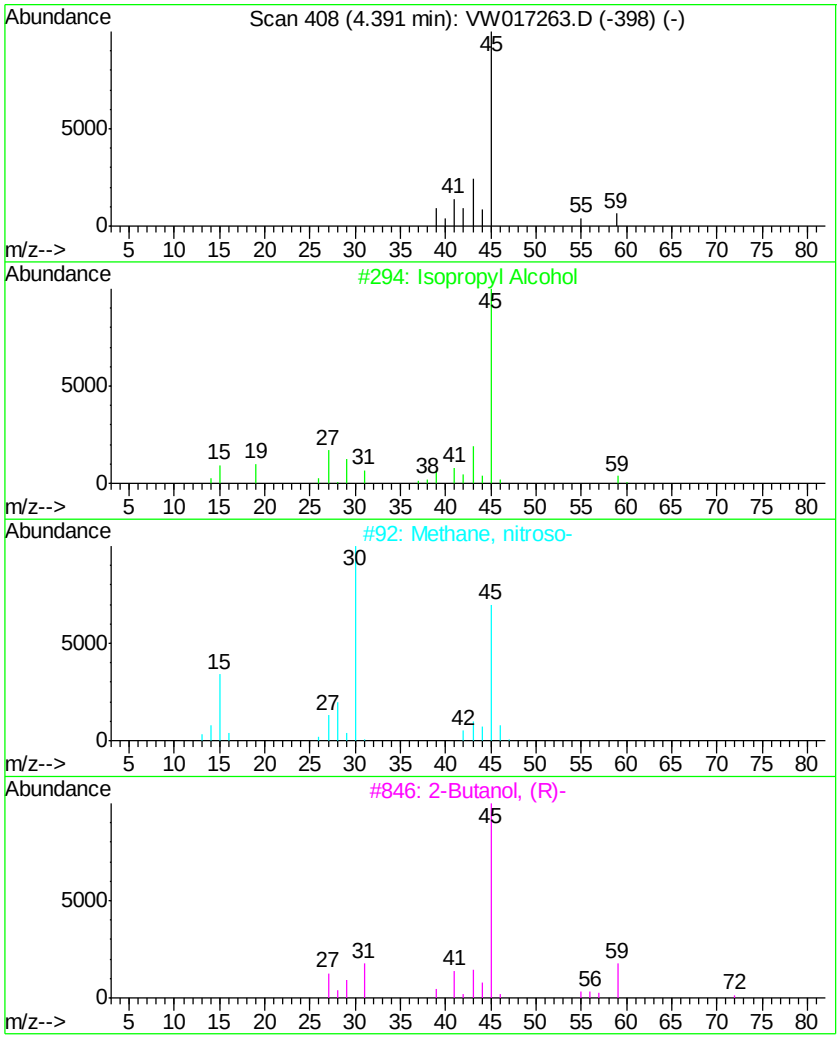
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

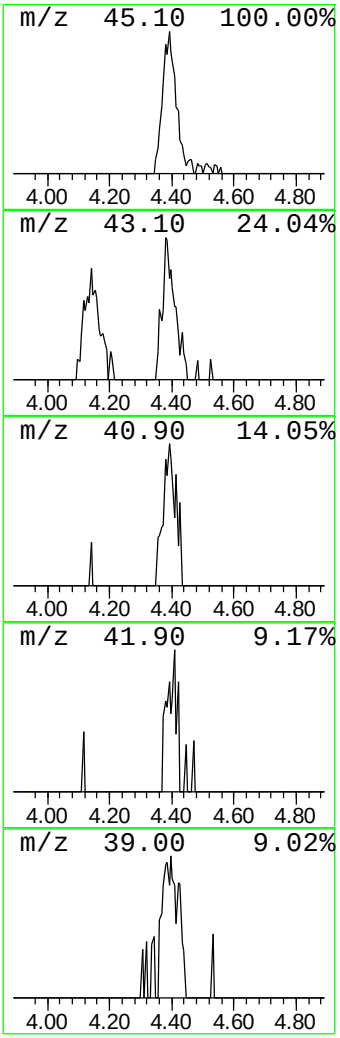
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	2.52 ug/L	7876	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
2	Methane, nitroso-	45	CH3NO	000865-40-7	4
3	2-Butanol, (R)-	74	C4H10O	014898-79-4	4
4	Ethylamine	45	C2H7N	000075-04-7	4
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	4





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

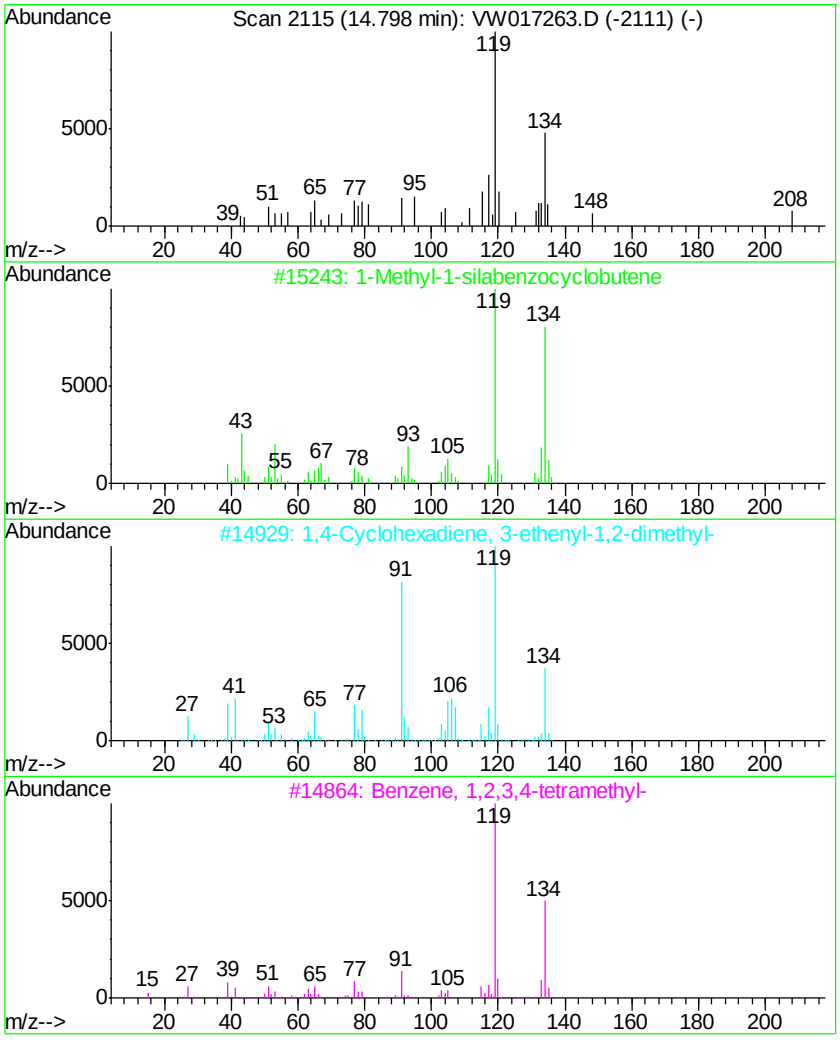
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

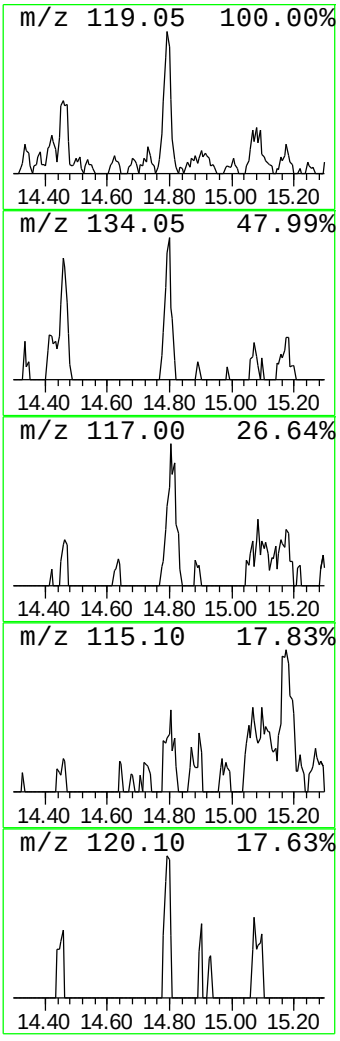
****

Peak Number 9 1-Methyl-1-silabenzocyclobu... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	7.84 ug/L	9948	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-1-silabenzocyclobutene	134	C8H10Si	160841-06-5	72
2	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	64
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
4	6,7-Dimethyl-3,5,8,8a-tetrahydro...	164	C11H16O	110028-10-9	64
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64





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
Isopropyl Alcohol	4.39	2.5	ug/L	7876	1	8.85	78108	25.0
1-Methyl-1-silabe...	14.80	7.8	ug/L	9948	3	13.56	31717	25.0