LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020521\
Data File : VW018032.D
Acq On : 05 Feb 2021 14:07
Operator : SY/VA
Sample : M1310-13
Misc : 5.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0A58

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: VW018032.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.361	69	75	88	rVB	93820	194057	12.90%	2.096%
2	2.898	155	163	178	rBV	70664	175903	11.69%	1.900%
3	3.397	239	245	252	rVB4	976	2275	0.15%	0.025%
4	3.471	254	257	259	rBV2	268	263	0.02%	0.003%
5	3.513	262	264	265	rVV2	231	170	0.01%	0.002%
6	3.532	265	267	272	rVV	368	496	0.03%	0.005%
7	3.599	276	278	279	rBV2	114	99	0.01%	0.001%
8	3.684	288	292	297	rBV3	238	365	0.02%	0.004%
9	3.769	303	306	308	rBV	147	205	0.01%	0.002%
10	4.025	336	348	362	rBV	169486	546969	36.35%	5.909%
11	4.385	399	407	414	rBV2	1822	5065	0.34%	0.055%
12	4.501	424	426	429	rVB	196	154	0.01%	0.002%
13	4.672	452	454	455	rBV	171	181	0.01%	0.002%
14	4.928	483	496	514	rVB3	17846	68265	4.54%	0.737%
15	5.043	514	515	516	rBV	281	106	0.01%	0.001%
16	5.086	520	522	524	rBV	119	101	0.01%	0.001%
17	5.568	599	601	603	rBV2	111	94	0.01%	0.001%
18	5.671	616	618	620	rVB	147	111	0.01%	0.001%
19	5.854	647	648	651	rBV	152	148	0.01%	0.002%
20	5.940	653	662	671	rVV4	2494	7676	0.51%	0.083%
21	6.062	680	682	683	rBV	119	105	0.01%	0.001%
22	6.165	696	699	700	rVV2	117	97	0.01%	0.001%
23	6.281	715	718	721	rBV	163	219	0.01%	0.002%
24	6.427	741	742	745	rBV2	160	186	0.01%	0.002%
25	6.458	745	747	749	rVB2	111	101	0.01%	0.001%
26	6.830	805	808	810	rBV2	96	119	0.01%	0.001%
27	6.891	815	818	821	rBV	106	150	0.01%	0.002%
28	6.921	821	823	826	rBV2	173	131	0.01%	0.001%
29	6.952	826	828	831	rVB	169	151	0.01%	0.002%
30	6.988	831	834	835	rBV2	151	203	0.01%	0.002%
31	7.074	839	848	854	rBV	32916	91229	6.06%	0.986%
32	7.482	914	915	919	rVB2	202	222	0.01%	0.002%
33	7.647	932	942	961	rBV	262851	649340	43.15%	7.015%
34	7.854	974	976	979	rVV2	221	253	0.02%	0.003%
35	7.945	985	991	999	rBV4	1530	3332	0.22%	0.036%
36	8.128	1020	1021	1024	rBV	217	145	0.01%	0.002%

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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

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

37	8.275	1035	1045	1062	rVV2	516287	1504883	100.00%	16.257%
38	8.470	1076	1077	1079	rBV	130	91	0.01%	0.001%
39	8.500	1081	1082	1085	rVV2	202	174	0.01%	0.002%
40	8.628	1101	1103	1107	rVB3	266	297	0.02%	0.003%
41	8.744	1121	1122	1126	rBV	195	200	0.01%	0.002%
42	8.842	1129	1138	1151	rBV	283551	559996	37.21%	6.050%
43	9.012	1164	1166	1168	rVB2	289	256	0.02%	0.003%
44	9.043	1168	1171	1172	rBV2	411	355	0.02%	0.004%
45	9.122	1183	1184	1187	rVB	116	110	0.01%	0.001%
46	9.159	1187	1190	1191	rBV2	122	107	0.01%	0.001%
47	9.274	1200	1209	1218	rBV	334755	659502	43.82%	7.125%
48	9.463	1239	1240	1242	rVB	182	95	0.01%	0.001%
49	9.579	1257	1259	1264	rVB2	129	170	0.01%	0.002%
50	9.628	1264	1267	1268	rBV	184	148	0.01%	0.002%
51	9.665	1269	1273	1275	rVV3	461	604	0.04%	0.007%
52	9.835	1300	1301	1303	rVB	142	103	0.01%	0.001%
53	9.872	1303	1307	1308	rBV	209	169	0.01%	0.002%
54	9.890	1308	1310	1313	rBV2	126	117	0.01%	0.001%
55	9.915	1313	1314	1318	rVB2	128	102	0.01%	0.001%
56	9.951	1318	1320	1322	rBV	244	194	0.01%	0.002%
57	10.036	1326	1334	1345	rVB	176797	310630	20.64%	3.356%
58	10.128	1345	1349	1355	rVB4	556	1002	0.07%	0.011%
59	10.213	1358	1363	1370	rBV3	1472	2347	0.16%	0.025%
60	10.323	1373	1381	1389	rBV	744485	1287020	85.52%	13.904%
61	10.579	1415	1423	1434	rBV	103617	182620	12.14%	1.973%
62	10.707	1436	1444	1451	rBV	51551	95039	6.32%	1.027%
63	10.847	1460	1467	1473	rVV3	1177	2181	0.14%	0.024%
64	10.927	1473	1480	1492	rBV	130104	224799	14.94%	2.429%
65	11.067	1497	1503	1515	rVV	24226	44278	2.94%	0.478%
66	11.177	1517	1521	1527	rVV4	1943	3451	0.23%	0.037%
67	11.341	1545	1548	1550	rVB3	231	247	0.02%	0.003%
68	11.366	1550	1552	1554	rBV	186	140	0.01%	0.002%
69	11.439	1554	1564	1570	rVV2	14164	23525	1.56%	0.254%
70	11.506	1574	1575	1579	rBV	105	137	0.01%	0.001%
71	11.567	1584	1585	1588	rBV	132	147	0.01%	0.002%
72	11.634	1588	1596	1605	rBV	354089	599799	39.86%	6.480%
73	11.835	1623	1629	1634	rBV3	1245	2463	0.16%	0.027%
74	12.109	1671	1674	1677	rVB2	113	170	0.01%	0.002%
75	12.158	1677	1682	1690	rBV5	1893	3370	0.22%	0.036%
76	12.237	1690	1695	1702	rBV3	903	1526	0.10%	0.016%

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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

77	12.390	1719	1720	1728	rVB2	188	240	0.02%	0.003%
78	12.469	1728	1733	1738	rBV4	1680	2633	0.17%	0.028%
79	12.518	1738	1741	1745	rBV3	864	958	0.06%	0.010%
80	12.609	1749	1756	1762	rBV	44942	73505	4.88%	0.794%
81	12.688	1762	1769	1778	rBV	221011	371654	24.70%	4.015%
82	12.749	1778	1779	1781	rBV2	528	516	0.03%	0.006%
83	12.859	1795	1797	1798	rBV2	188	142	0.01%	0.002%
84	12.932	1805	1809	1813	rBV2	6388	11502	0.76%	0.124%
85	13.036	1821	1826	1830	rBV3	1668	2366	0.16%	0.026%
86	13.079	1830	1833	1839	rVB3	1701	2445	0.16%	0.026%
87	13.164	1843	1847	1848	rBV3	262	309	0.02%	0.003%
88	13.201	1849	1853	1857	rBV5	930	1756	0.12%	0.019%
89	13.292	1865	1868	1874	rVB2	5554	8517	0.57%	0.092%
90	13.408	1878	1887	1890	rBV3	1874	3723	0.25%	0.040%
91	13.469	1890	1897	1905	rBV	122844	188350	12.52%	2.035%
92	13.560	1905	1912	1923	rVB	287813	484551	32.20%	5.235%
93	13.713	1934	1937	1940	rBV3	2186	2663	0.18%	0.029%
94	13.755	1942	1944	1948	rVV3	2277	2882	0.19%	0.031%
95	13.853	1953	1960	1967	rBV	483737	788088	52.37%	8.514%
96	14.066	1991	1995	2001	rVB2	12198	19659	1.31%	0.212%
97	14.353	2041	2042	2048	rVB2	745	633	0.04%	0.007%
98	14.627	2085	2087	2092	rVB2	1192	1207	0.08%	0.013%
99	14.719	2100	2102	2108	rVB3	1739	2429	0.16%	0.026%
100	15.432	2214	2219	2225	rVB	16064	24668	1.64%	0.266%

Sum of corrected areas: 9256646

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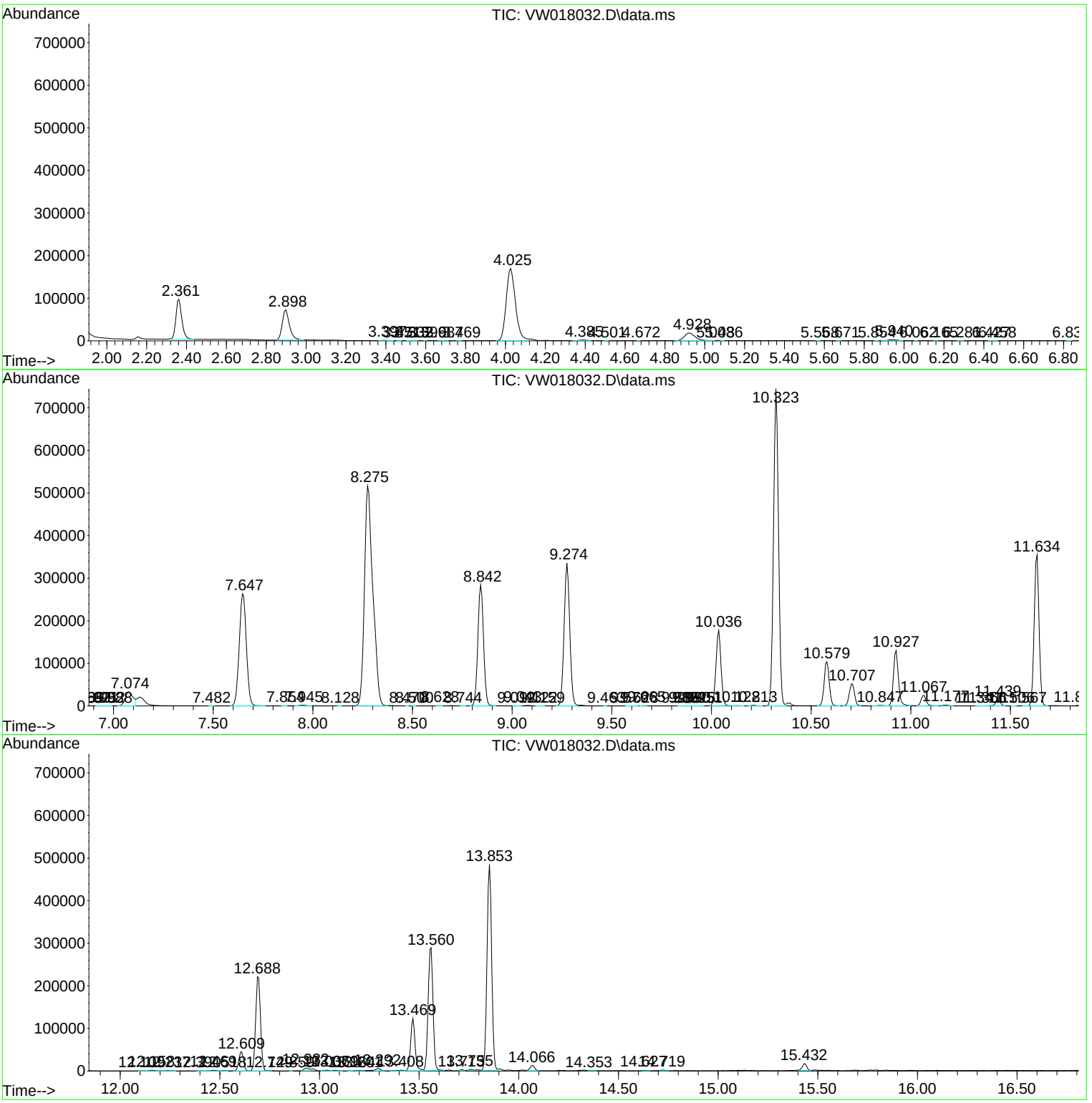
MSVOA_W
ClientSampleId :
C0A58

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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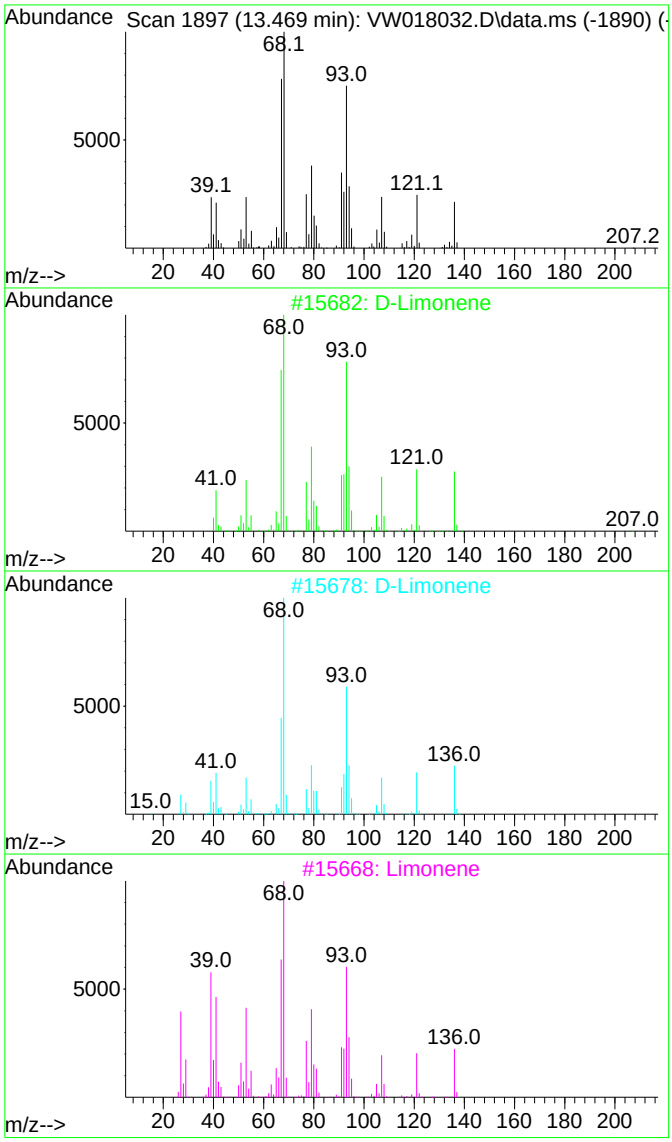
TIC Integration Parameters: LSCINT.P

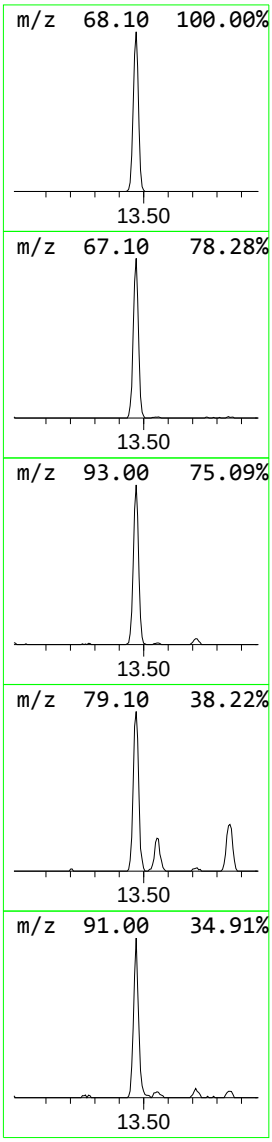
****

Peak Number 5 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	9.72 ug/L	188350	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	99
2	D-Limonene	136	C10H16	005989-27-5	94
3	Limonene	136	C10H16	000138-86-3	94
4	Limonene	136	C10H16	000138-86-3	91
5	Limonene	136	C10H16	000138-86-3	89





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0A58

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

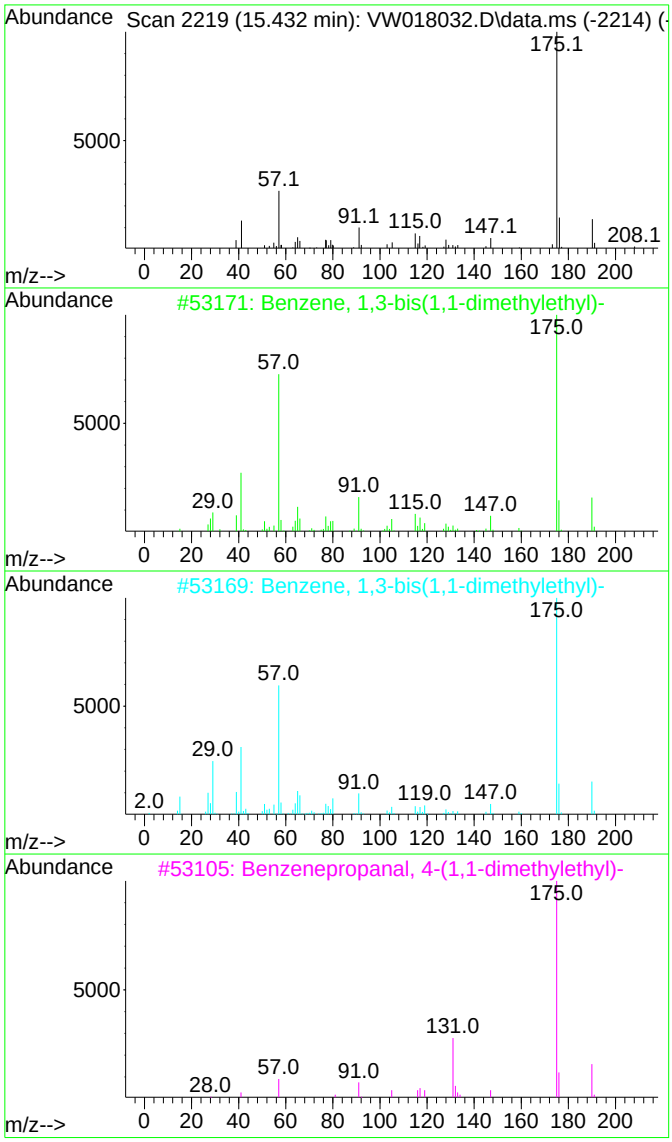
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

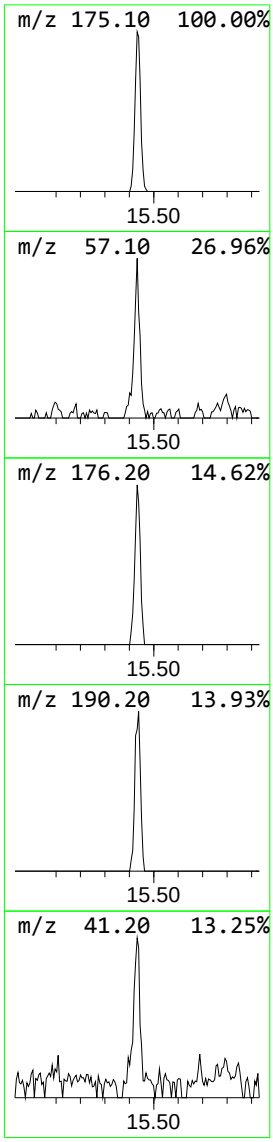
****

Peak Number 6 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.432	1.27 ug/L	24668	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
3	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	80
4	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	80
5	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	72





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
D-Limonene	13.469	9.7	ug/L	188350	3	13.560	484551	25.0
Benzene, 1,3-bi...	15.432	1.3	ug/L	24668	3	13.560	484551	25.0