LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102920\
Data File : VW017024.D
Acq On : 29 Oct 2020 13:40
Operator : SY/VA
Sample : L4502-19
Misc : 5.97G/10ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG442

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\SOM2WLM102220S.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	2.154	37	41	43	rBV3	1908	2459	0.00%	0.002%
2	2.355	67	74	87	rVB	124506	239113	0.24%	0.198%
3	2.489	94	96	103	rVB3	2455	3947	0.00%	0.003%
4	2.891	154	162	176	rBV	82007	207203	0.21%	0.171%
5	3.373	239	241	242	rBV2	754	711	0.00%	0.001%
6	3.586	272	276	280	rVB3	430	612	0.00%	0.001%
7	3.684	286	292	297	rBV2	243	550	0.00%	0.000%
8	4.019	335	347	362	rBV2	211099	675958	0.69%	0.559%
9	4.385	398	407	418	rBV2	4021	12189	0.01%	0.010%
10	4.617	441	445	449	rBV3	379	590	0.00%	0.000%
11	4.793	471	474	480	rVB2	257	385	0.00%	0.000%
12	4.915	484	494	513	rBV3	9168	34888	0.04%	0.029%
13	5.409	570	575	576	rBV3	1220	1405	0.00%	0.001%
14	5.428	576	578	588	rVB4	1321	2643	0.00%	0.002%
15	5.769	631	634	635	rBV3	906	1136	0.00%	0.001%
16	5.940	653	662	673	rVB4	4821	14871	0.02%	0.012%
17	6.299	719	721	727	rVV3	255	371	0.00%	0.000%
18	6.452	744	746	752	rVB2	278	461	0.00%	0.000%
19	6.909	814	821	826	rBV6	1143	3015	0.00%	0.002%
20	6.976	829	832	833	rBV	383	380	0.00%	0.000%
21	7.080	839	849	856	rBV2	32990	93829	0.10%	0.078%
22	7.543	920	925	927	rVV3	523	683	0.00%	0.001%
23	7.653	931	943	955	rBV	275733	687332	0.70%	0.568%
24	7.951	982	992	998	rVB7	1468	3682	0.00%	0.003%
25	8.043	1002	1007	1010	rBV	461	947	0.00%	0.001%
26	8.275	1035	1045	1062	rVV2	562490	1760654	1.80%	1.456%
27	8.494	1079	1081	1084	rVB2	458	409	0.00%	0.000%
28	8.555	1087	1091	1093	rBV3	741	1246	0.00%	0.001%
29	8.622	1099	1102	1106	rBV2	442	468	0.00%	0.000%
30	8.689	1108	1113	1121	rBV5	1625	3475	0.00%	0.003%
31	8.842	1129	1138	1157	rBV	919800	1806037	1.84%	1.494%
32	8.963	1157	1158	1163	rVV2	645	950	0.00%	0.001%
33	9.091	1169	1179	1197	rVV	4515908	8845485	9.03%	7.315%
34	9.274	1200	1209	1227	rVV	350803	713021	0.73%	0.590%

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ALS Vial : 5 Sample Multiplier: 1

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\SOM2WLM102220S.M
Title : VOC Analysis

35	9.421	1227	1233	1238	rVV6	1656	3729	0.00%	0.003%
36	9.658	1270	1272	1278	rBV5	731	1596	0.00%	0.001%
37	9.756	1285	1288	1294	rVB3	432	741	0.00%	0.001%
38	9.823	1294	1299	1301	rBV3	415	783	0.00%	0.001%
39	9.890	1307	1310	1313	rVB2	385	418	0.00%	0.000%
40	9.963	1318	1322	1326	rBV5	665	1343	0.00%	0.001%
41	10.036	1326	1334	1345	rBV	188940	339132	0.35%	0.280%
42	10.134	1348	1350	1353	rVB3	732	765	0.00%	0.001%
43	10.213	1357	1363	1367	rBV3	2013	3587	0.00%	0.003%
44	10.250	1367	1369	1373	rVB3	414	411	0.00%	0.000%
45	10.323	1373	1381	1389	rBV	816942	1459857	1.49%	1.207%
46	10.390	1389	1392	1402	rVB	9557	15632	0.02%	0.013%
47	10.494	1404	1409	1410	rBV4	1154	1561	0.00%	0.001%
48	10.579	1416	1423	1432	rBV	113445	198479	0.20%	0.164%
49	10.707	1440	1444	1449	rVB	3931	6453	0.01%	0.005%
50	10.762	1449	1453	1454	rBV3	467	534	0.00%	0.000%
51	10.872	1461	1471	1473	rBV4	45963824	98009372	100.00%	81.056%
52	11.634	1588	1596	1605	rBV	1110946	1866897	1.90%	1.544%
53	11.774	1617	1619	1623	rBV3	1261	1891	0.00%	0.002%
54	11.835	1625	1629	1636	rVB2	11044	21452	0.02%	0.018%
55	12.170	1679	1684	1692	rVB2	6417	11322	0.01%	0.009%
56	12.274	1699	1701	1704	rBV2	543	454	0.00%	0.000%
57	12.341	1709	1712	1719	rVB4	2392	3600	0.00%	0.003%
58	12.432	1726	1727	1729	rBV	563	551	0.00%	0.000%
59	12.463	1729	1732	1738	rVB3	1301	2245	0.00%	0.002%
60	12.609	1750	1756	1762	rVB2	9652	17437	0.02%	0.014%
61	12.695	1763	1770	1780	rBV	226042	370136	0.38%	0.306%
62	12.804	1784	1788	1794	rVB2	3005	4674	0.00%	0.004%
63	12.871	1794	1799	1802	rBV	9817	16229	0.02%	0.013%
64	12.944	1806	1811	1818	rVB2	13183	23989	0.02%	0.020%
65	13.036	1821	1826	1831	rVB2	2877	4964	0.01%	0.004%
66	13.103	1833	1837	1843	rVB2	5140	8330	0.01%	0.007%
67	13.188	1849	1851	1855	rBV4	508	596	0.00%	0.000%
68	13.255	1855	1862	1867	rBV	28495	46934	0.05%	0.039%
69	13.377	1875	1882	1889	rBV3	8777	24581	0.03%	0.020%
70	13.444	1889	1893	1898	rVV2	5185	8255	0.01%	0.007%
71	13.499	1898	1902	1905	rVV2	5710	8420	0.01%	0.007%

LSC Area Percent Report

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Misc : 5.97G/10ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG442

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\SOM2WLM102220S.M
Title : VOC Analysis

72	13.560	1905	1912	1923	rVV	988403	1627357	1.66%	1.346%
73	13.652	1924	1927	1932	rVB6	2512	3484	0.00%	0.003%
74	13.749	1933	1943	1947	rBV	54797	107463	0.11%	0.089%
75	13.792	1947	1950	1954	rVV3	62623	113341	0.12%	0.094%
76	13.853	1954	1960	1971	rVB	594661	989166	1.01%	0.818%
77	13.950	1971	1976	1981	rVB	24183	35925	0.04%	0.030%
78	14.011	1981	1986	1988	rBV2	24597	37636	0.04%	0.031%
79	14.042	1988	1991	1996	rVV2	34458	61475	0.06%	0.051%
80	14.097	1996	2000	2007	rVB	51375	81333	0.08%	0.067%
81	14.206	2007	2018	2023	rVB5	9558	20611	0.02%	0.017%
82	14.261	2023	2027	2029	rBV4	2360	4378	0.00%	0.004%
83	14.341	2034	2040	2047	rBV2	14915	25890	0.03%	0.021%
84	14.420	2047	2053	2056	rBV	34196	53556	0.05%	0.044%
85	14.456	2056	2059	2064	rVB	46219	68444	0.07%	0.057%
86	14.505	2064	2067	2068	rBV2	1017	816	0.00%	0.001%
87	14.566	2075	2077	2083	rVB2	2582	3723	0.00%	0.003%
88	14.639	2083	2089	2093	rBV3	3488	6368	0.01%	0.005%
89	14.688	2093	2097	2102	rBV4	7805	12668	0.01%	0.010%
90	14.792	2109	2114	2122	rVB2	16277	32209	0.03%	0.027%
91	14.956	2138	2141	2145	rBV5	1073	1629	0.00%	0.001%
92	15.054	2153	2157	2162	rBV6	1377	2713	0.00%	0.002%
93	15.170	2174	2176	2177	rBV2	1161	925	0.00%	0.001%
94	15.255	2188	2190	2191	rBV2	839	641	0.00%	0.001%
95	15.371	2205	2209	2214	rVB	3208	4583	0.00%	0.004%
96	15.438	2215	2220	2225	rVB2	5971	8976	0.01%	0.007%
97	15.889	2292	2294	2296	rBV3	559	435	0.00%	0.000%
98	16.017	2313	2315	2316	rBV	941	532	0.00%	0.000%
99	16.230	2347	2350	2351	rBV2	658	570	0.00%	0.000%
100	16.480	2389	2391	2394	rBV4	579	716	0.00%	0.001%

Sum of corrected areas: 120916018

LSC Report - Integrated Chromatogram

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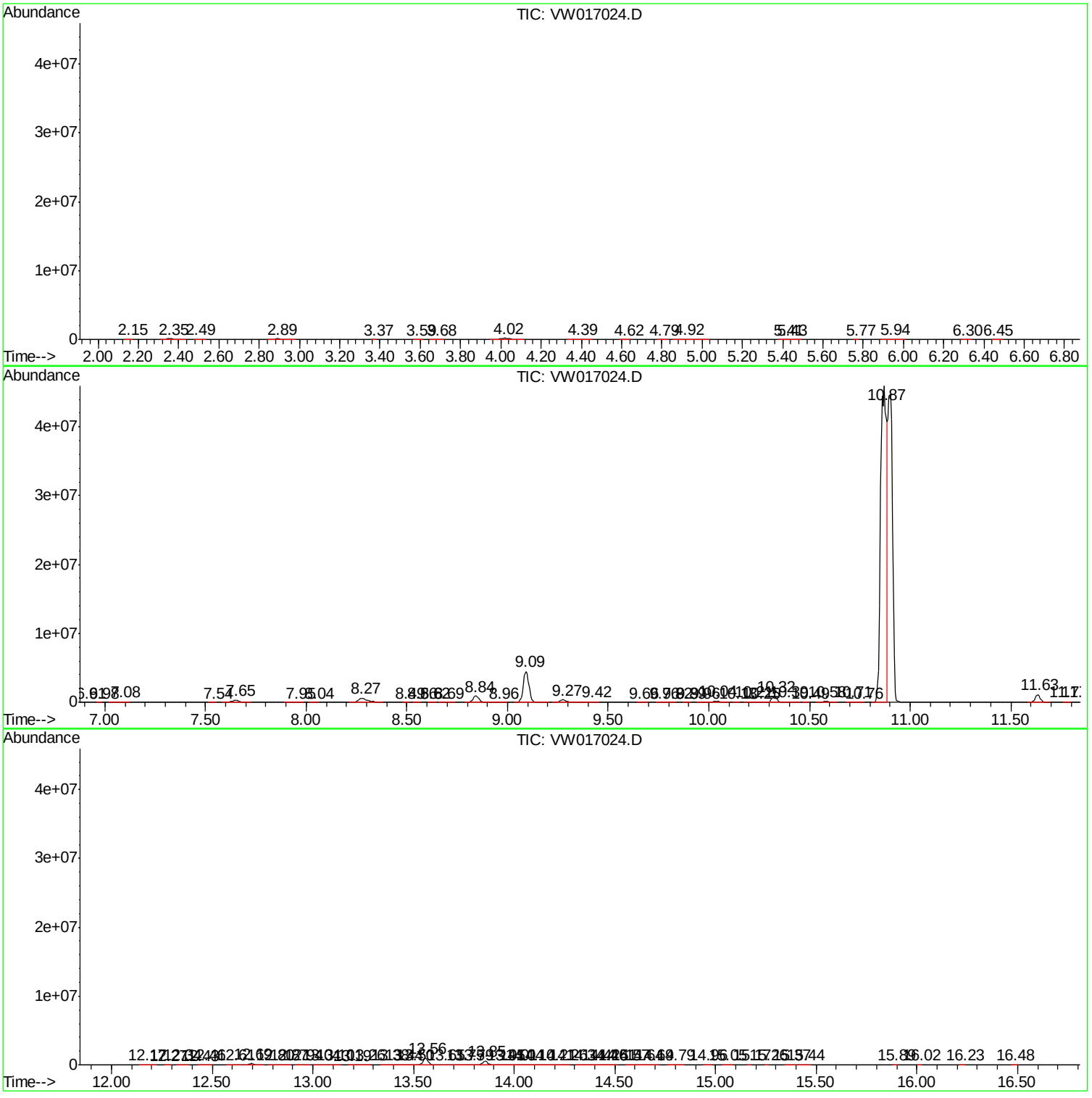
Operator : SY/VA
Sample : L4502-19
Misc : 5.97G/10ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG442

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102920\
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ClientSampleId : BG442

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis

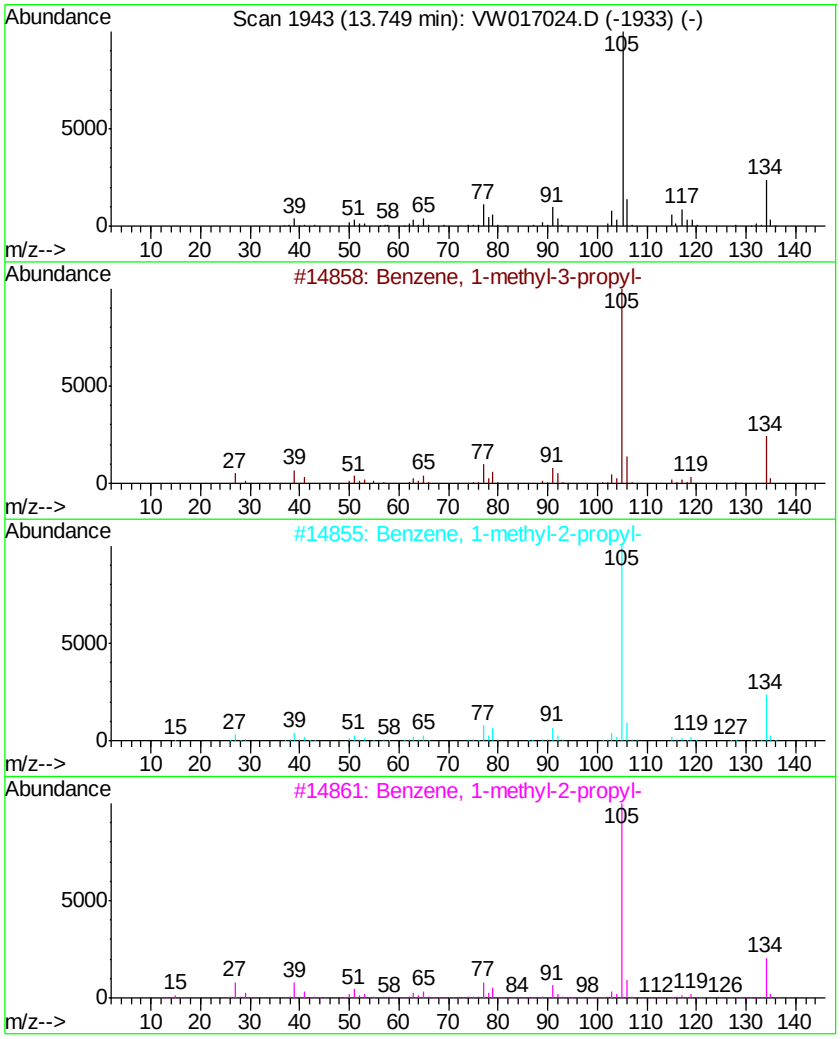
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

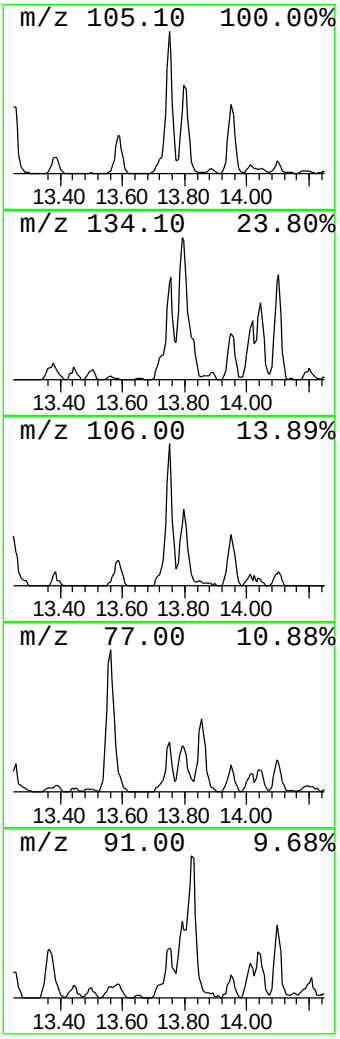
****

Peak Number 2 Benzene, 1-methyl-3-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	1.65 ug/L	107463	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90





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ClientSampleId : BG442

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis

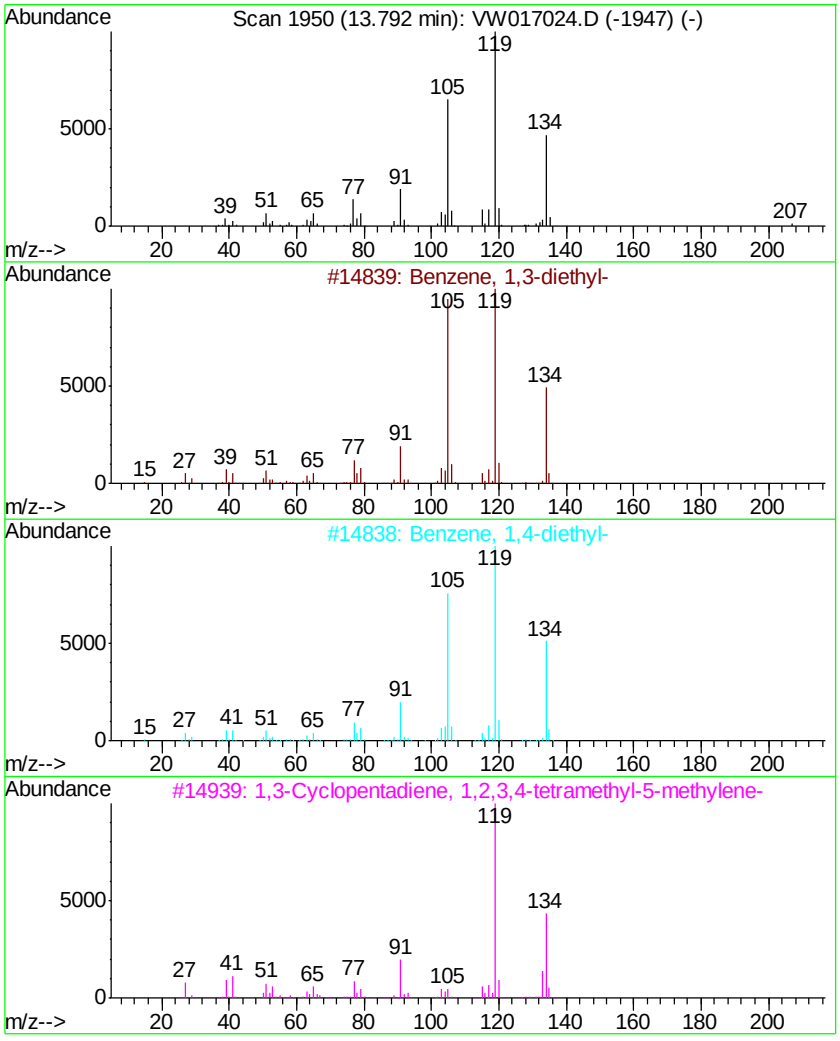
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

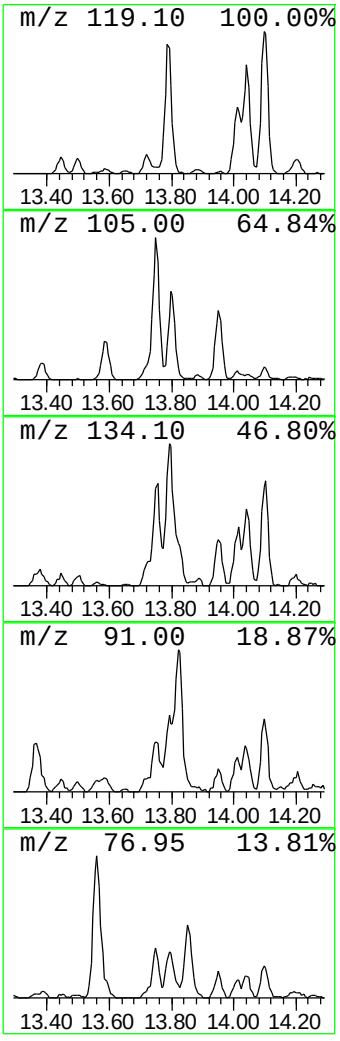
****

Peak Number 3 Benzene, 1,3-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	1.74 ug/L	113341	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





Tentatively Identified Compound (LSC) summary

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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
Benzene, 1-methyl...	13.75	1.6	ug/L	107463	3	13.56	1627360	25.0
Benzene, 1,3-diet...	13.79	1.7	ug/L	113341	3	13.56	1627360	25.0