LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052419\
Data File : VU032309.D
Acq On : 24 May 2019 13:26
Operator : JC/SP
Sample : K3001-11 25X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 64 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YF6

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_U\METHOD\SOMULM052419WMA.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	1.180	24	28	34	rBV2	10037	10729	0.12%	0.029%
2	1.399	88	96	105	rBV	321283	336230	3.76%	0.922%
3	1.672	173	181	204	rVB	269436	349210	3.90%	0.958%
4	2.267	355	366	379	rBV	577590	864307	9.66%	2.370%
5	2.454	417	424	432	rBV4	4225	7392	0.08%	0.020%
6	2.701	492	501	512	rVB7	2791	4872	0.05%	0.013%
7	2.836	526	543	559	rBV2	61028	133448	1.49%	0.366%
8	3.190	648	653	661	rVB7	1060	1486	0.02%	0.004%
9	3.399	715	718	720	rVV3	1099	780	0.01%	0.002%
10	3.441	724	731	744	rVB2	7567	14710	0.16%	0.040%
11	4.174	945	959	989	rBV	233153	655289	7.32%	1.797%
12	4.412	1030	1033	1036	rBV2	1013	728	0.01%	0.002%
13	4.515	1062	1065	1070	rVB4	746	642	0.01%	0.002%
14	4.643	1086	1105	1128	rBV	435533	1032102	11.53%	2.830%
15	4.884	1176	1180	1183	rVV4	686	678	0.01%	0.002%
16	4.936	1192	1196	1199	rBV3	1052	1006	0.01%	0.003%
17	4.984	1201	1211	1212	rBV7	9417	10279	0.11%	0.028%
18	5.126	1250	1255	1258	rBV5	568	722	0.01%	0.002%
19	5.222	1275	1285	1286	rBV3	3259	4252	0.05%	0.012%
20	5.335	1297	1320	1345	rBV3	864150	2562625	28.64%	7.028%
21	5.621	1399	1409	1418	rVB10	6236	13103	0.15%	0.036%
22	5.746	1444	1448	1449	rBV2	946	650	0.01%	0.002%
23	5.804	1461	1466	1469	rVB4	1573	1147	0.01%	0.003%
24	5.881	1475	1490	1518	rBV	825364	1669765	18.66%	4.579%
25	6.177	1571	1582	1601	rBV3	15634	35553	0.40%	0.098%
26	6.325	1614	1628	1644	rBV	561286	1124634	12.57%	3.084%
27	6.531	1690	1692	1696	rVB3	1526	1132	0.01%	0.003%
28	6.640	1714	1726	1735	rBV5	9317	16041	0.18%	0.044%
29	6.724	1749	1752	1754	rVV2	1178	741	0.01%	0.002%
30	6.891	1793	1804	1815	rBV8	2806	6562	0.07%	0.018%
31	6.945	1819	1821	1830	rVB5	879	1047	0.01%	0.003%
32	7.064	1853	1858	1864	rBV7	1386	2234	0.02%	0.006%
33	7.177	1890	1893	1895	rBV2	1166	962	0.01%	0.003%
34	7.225	1896	1908	1936	rVV2	297913	544623	6.09%	1.494%

LSC Area Percent Report

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Sample : K3001-11 25X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 64 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YF6

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_U\METHOD\SOMULM052419WMA.M
Title : VOC Analysis

35	7.331	1936	1941	1949	rBV10	2217	3137	0.04%	0.009%
36	7.408	1962	1965	1967	rBV3	1489	939	0.01%	0.003%
37	7.560	1992	2012	2031	rBV	1178659	2093663	23.40%	5.742%
38	7.846	2091	2101	2116	rBV	211378	358209	4.00%	0.982%
39	8.042	2156	2162	2171	rVB7	4714	7324	0.08%	0.020%
40	8.170	2197	2202	2207	rBV4	601	901	0.01%	0.002%
41	8.232	2217	2221	2226	rVB4	858	825	0.01%	0.002%
42	8.309	2234	2245	2285	rBV2	646202	1296262	14.49%	3.555%
43	8.540	2309	2317	2325	rBV4	8880	14491	0.16%	0.040%
44	8.640	2343	2348	2358	rVB6	2128	3019	0.03%	0.008%
45	8.756	2381	2384	2389	rBV4	1446	1175	0.01%	0.003%
46	8.781	2390	2392	2398	rVB3	757	618	0.01%	0.002%
47	8.839	2406	2410	2412	rBV3	1508	1182	0.01%	0.003%
48	8.900	2427	2429	2437	rVB5	946	1021	0.01%	0.003%
49	9.029	2462	2469	2471	rBV4	1500	1398	0.02%	0.004%
50	9.084	2473	2486	2513	rBV	1252387	2130216	23.81%	5.842%
51	9.244	2523	2536	2562	rBV	3295111	5313301	59.38%	14.571%
52	9.370	2562	2575	2612	rVB	5395682	8948299	100.00%	24.540%
53	9.717	2671	2683	2701	rBV7	14254	37045	0.41%	0.102%
54	9.884	2731	2735	2736	rBV3	1103	703	0.01%	0.002%
55	9.920	2737	2746	2747	rVV7	7146	8489	0.09%	0.023%
56	9.952	2750	2756	2765	rVB5	15868	24774	0.28%	0.068%
57	10.042	2771	2784	2800	rBV6	16561	39481	0.44%	0.108%
58	10.164	2811	2822	2842	rBV	123096	206836	2.31%	0.567%
59	10.270	2852	2855	2860	rVB3	1044	985	0.01%	0.003%
60	10.296	2860	2863	2865	rBV4	1425	781	0.01%	0.002%
61	10.373	2878	2887	2892	rBV9	6203	9186	0.10%	0.025%
62	10.428	2892	2904	2920	rBV	864794	1414387	15.81%	3.879%
63	10.585	2942	2953	2975	rBV	120472	204065	2.28%	0.560%
64	10.688	2975	2985	2989	rBV6	9804	17054	0.19%	0.047%
65	10.801	3018	3020	3028	rVB7	2213	2027	0.02%	0.006%
66	10.920	3047	3057	3064	rBV10	4040	6374	0.07%	0.017%
67	10.974	3064	3074	3085	rVB5	16757	28929	0.32%	0.079%
68	11.106	3111	3115	3117	rVV6	2661	2363	0.03%	0.006%
69	11.148	3117	3128	3152	rVB	113920	193997	2.17%	0.532%
70	11.264	3160	3164	3165	rBV3	1717	1180	0.01%	0.003%
71	11.321	3176	3182	3194	rVB2	15687	24765	0.28%	0.068%

LSC Area Percent Report

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Sample : K3001-11 25X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 64 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YF6

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_U\METHOD\SOMULM052419WMA.M
Title : VOC Analysis

72	11.479	3217	3231	3250	rBV	1248006	2038507	22.78%	5.590%
73	11.566	3250	3258	3274	rVB	111145	177744	1.99%	0.487%
74	11.659	3283	3287	3289	rBV3	2153	1556	0.02%	0.004%
75	11.730	3305	3309	3310	rBV3	1511	1220	0.01%	0.003%
76	11.765	3310	3320	3334	rVB3	38335	79552	0.89%	0.218%
77	11.855	3336	3348	3370	rBV	1218560	2048298	22.89%	5.617%
78	12.051	3402	3409	3428	rVB3	19165	35560	0.40%	0.098%
79	12.141	3432	3437	3442	rBV6	4554	5917	0.07%	0.016%
80	12.251	3463	3471	3478	rBV2	22025	35604	0.40%	0.098%
81	12.354	3494	3503	3522	rBV6	26403	56365	0.63%	0.155%
82	12.550	3555	3564	3573	rVB4	14846	23855	0.27%	0.065%
83	12.620	3582	3586	3587	rBV4	1648	1164	0.01%	0.003%
84	12.649	3589	3595	3604	rVV3	9776	14349	0.16%	0.039%
85	12.698	3604	3610	3621	rVB5	6668	11736	0.13%	0.032%
86	12.781	3631	3636	3638	rBV3	1715	1665	0.02%	0.005%
87	12.929	3677	3682	3689	rBV5	1656	2223	0.02%	0.006%
88	12.968	3689	3694	3697	rBV3	2858	3106	0.03%	0.009%
89	13.055	3718	3721	3724	rVB3	1257	769	0.01%	0.002%
90	13.122	3731	3742	3755	rVV4	34726	62521	0.70%	0.171%
91	13.286	3783	3793	3811	rVB5	23631	44140	0.49%	0.121%
92	13.778	3938	3946	3947	rBV5	2380	2414	0.03%	0.007%
93	13.836	3960	3964	3967	rVB2	1555	1017	0.01%	0.003%
94	13.997	4012	4014	4017	rBV2	1050	687	0.01%	0.002%
95	14.026	4021	4023	4028	rVB4	1146	850	0.01%	0.002%
96	14.231	4083	4087	4089	rBV	1081	979	0.01%	0.003%
97	14.569	4189	4192	4197	rBV2	694	800	0.01%	0.002%
98	14.784	4254	4259	4262	rBV3	1210	1334	0.01%	0.004%
99	15.000	4324	4326	4328	rBV2	1273	779	0.01%	0.002%
100	15.698	4541	4543	4547	rVB3	1367	653	0.01%	0.002%

Sum of corrected areas: 36464446

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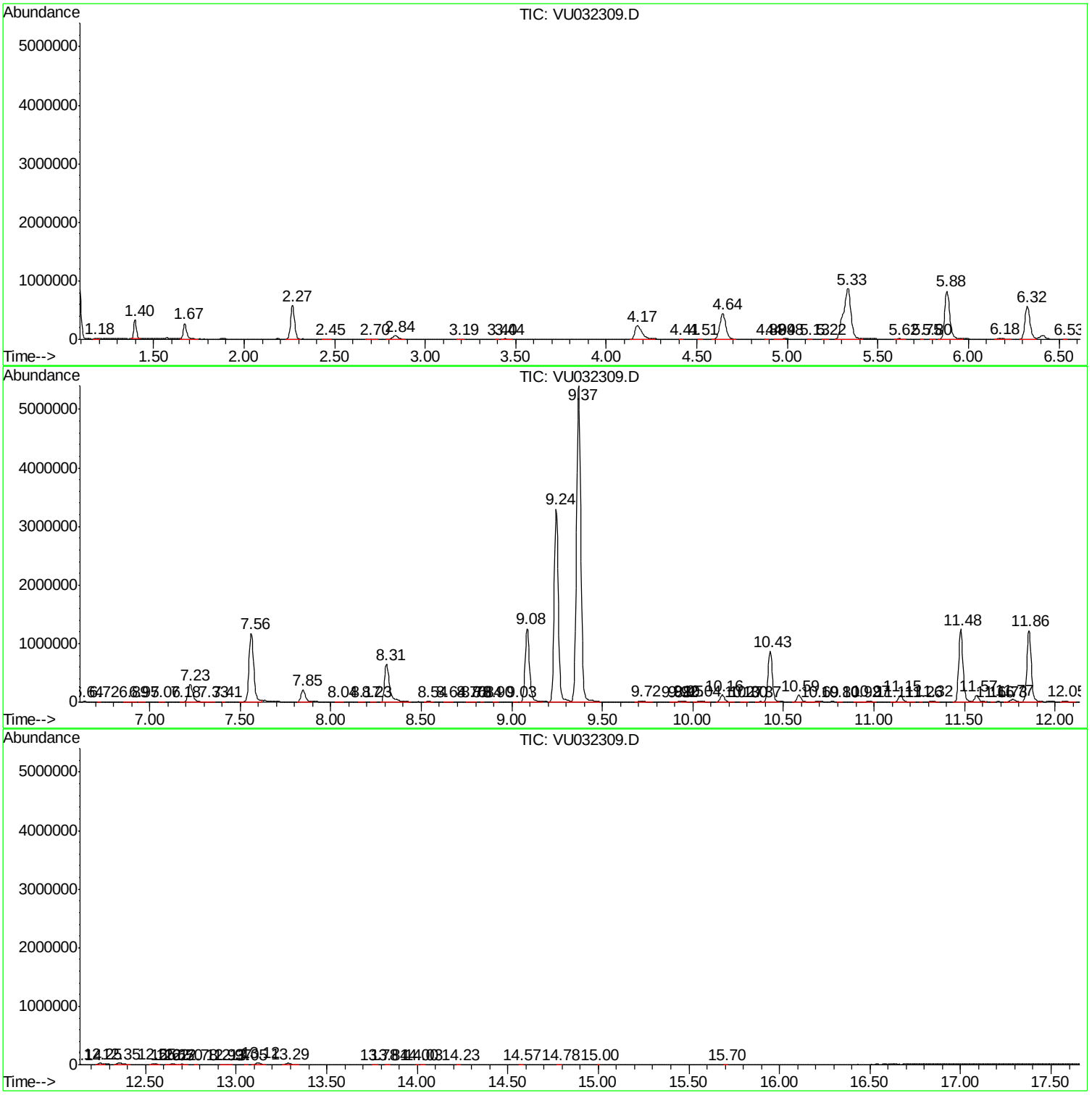
Instrument : MSVOA_U
ClientSampleId : E3YF6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.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 U\DATA\VU052419\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
Quant Title : VOC Analysis

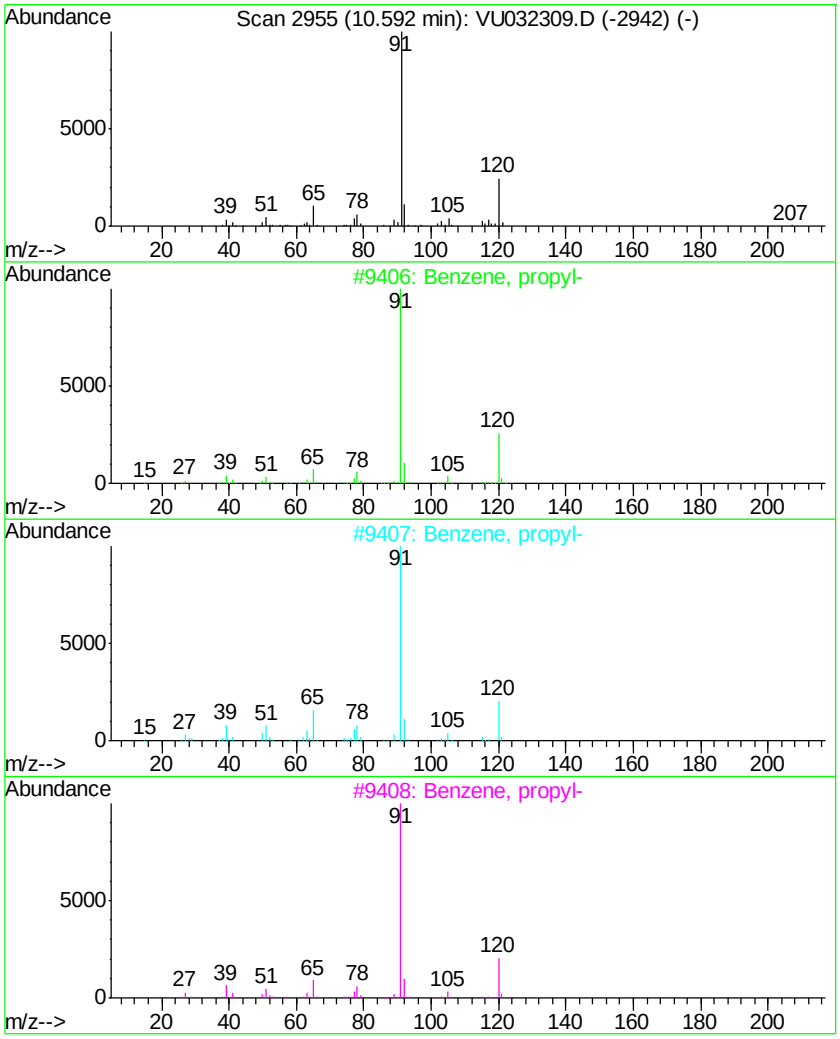
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

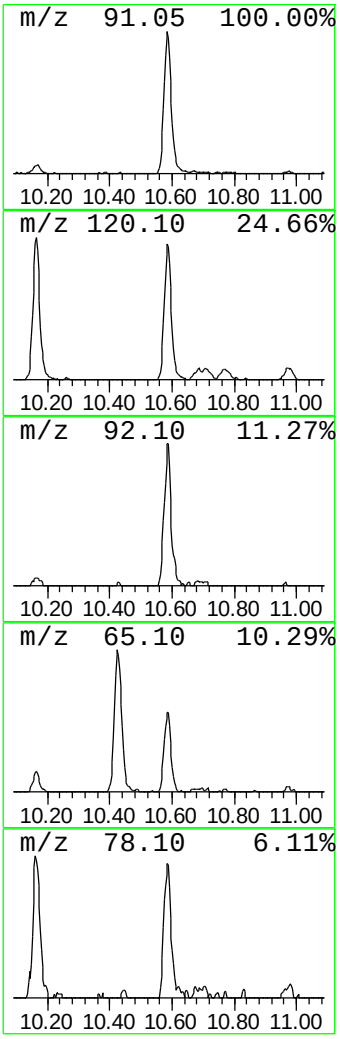
****

Peak Number 3 Benzene, propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	5.01 ug/L	204065	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72





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ClientSampleId : E3YF6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
Quant Title : VOC Analysis

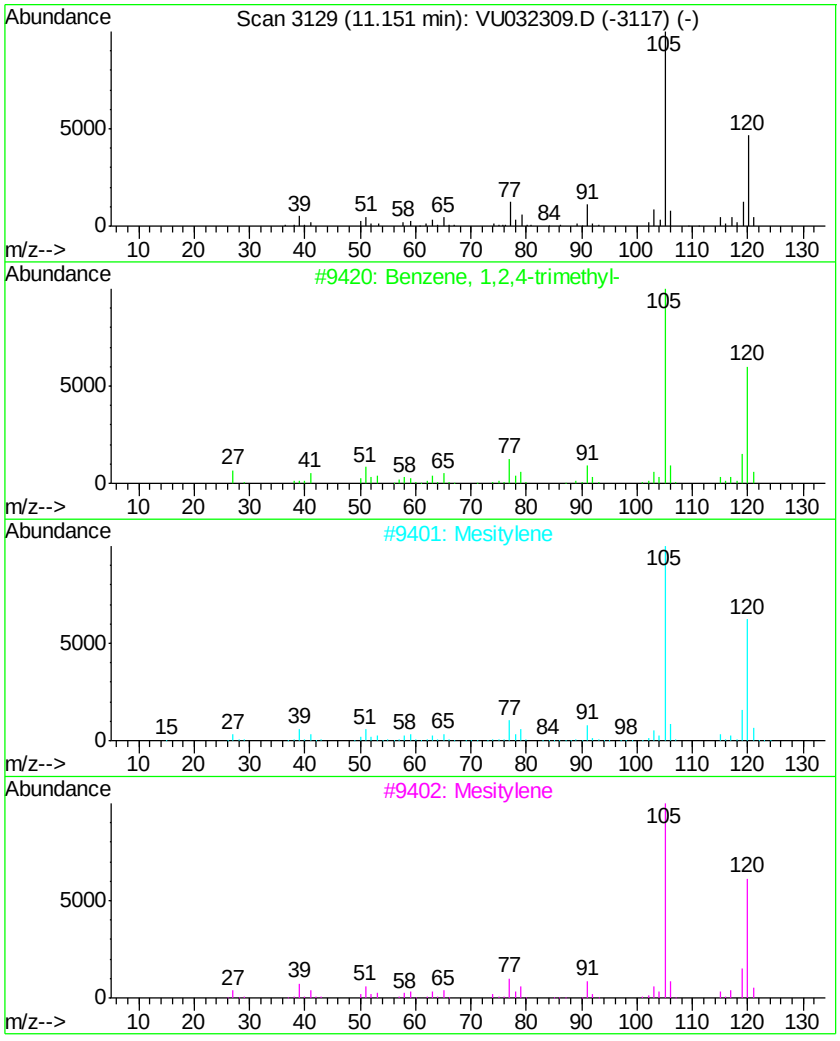
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

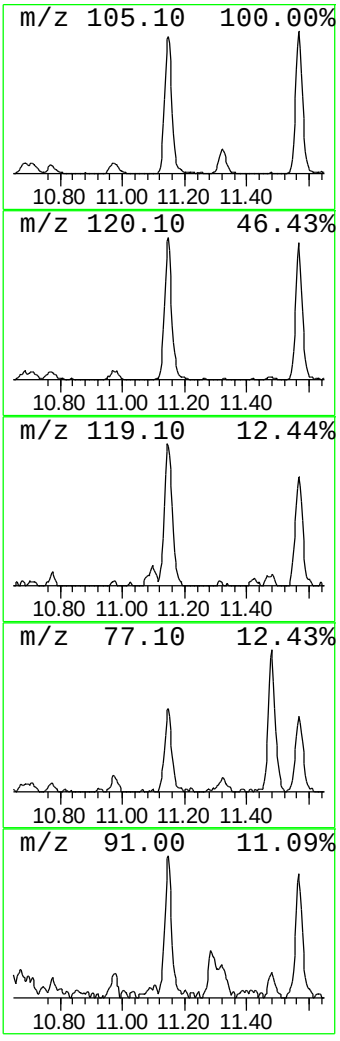
****

Peak Number 4 Benzene, 1,2,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	4.76 ug/L	193997	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Mesitylene	120	C9H12	000108-67-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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ClientSampleId : E3YF6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
Quant Title : VOC Analysis

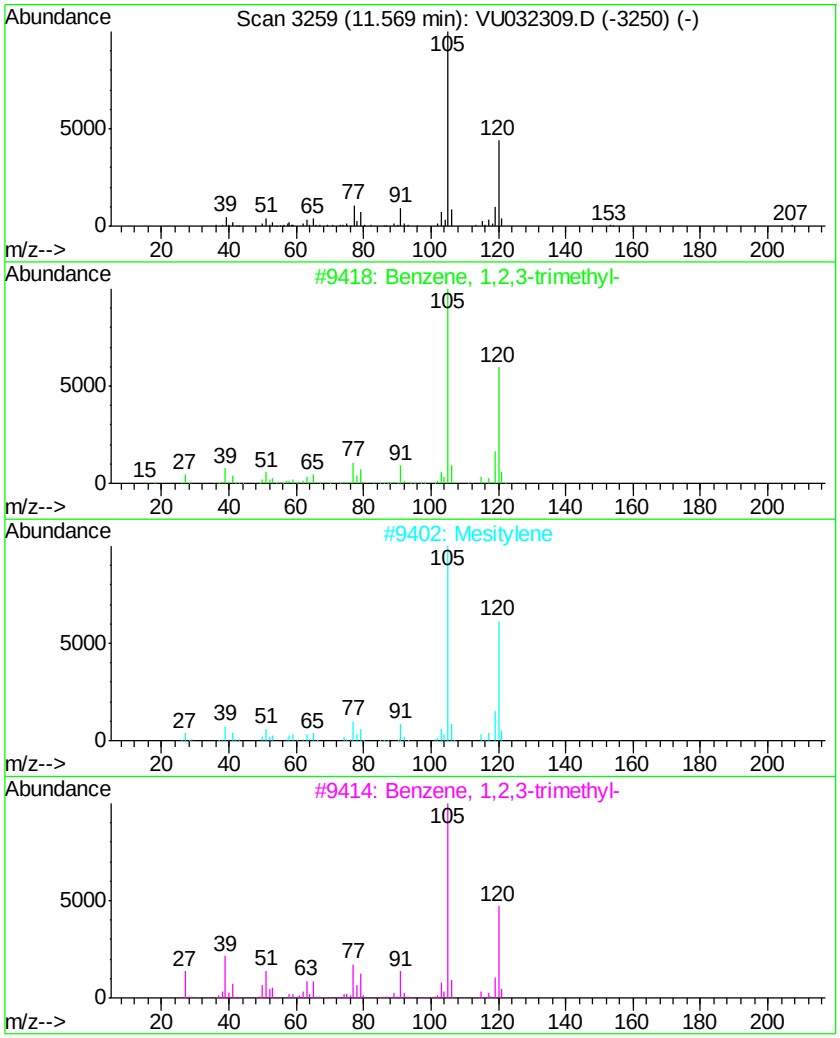
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

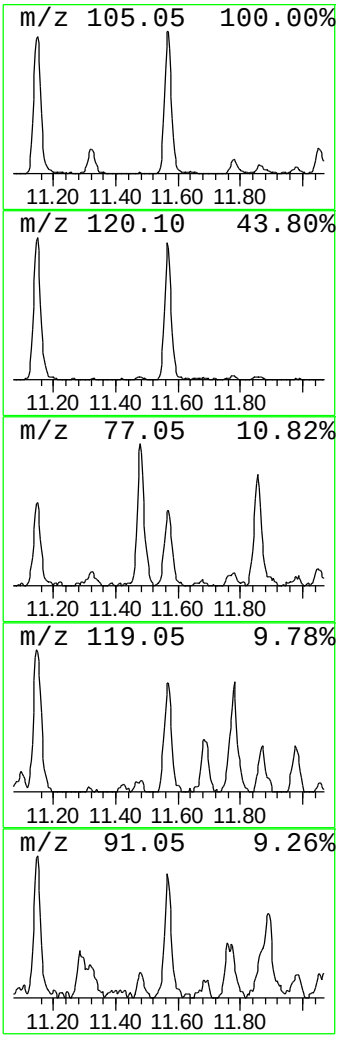
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	4.36 ug/L	177744	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	93
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	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, propyl-	10.59	5.0	ug/L	204065	3	11.48	2038510	50.0
Benzene, 1,2,4-tr...	11.15	4.8	ug/L	193997	3	11.48	2038510	50.0
Benzene, 1,2,3-tr...	11.57	4.4	ug/L	177744	3	11.48	2038510	50.0