

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052419\
 Data File : VU032302.D
 Acq On : 24 May 2019 10:38
 Operator : JC/SP
 Sample : K3001-09 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YF4

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 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	1.184	25	29	33	rBV	8039	6755	0.06%	0.020%
2	1.396	88	95	105	rBV	356635	367741	3.21%	1.095%
3	1.669	172	180	200	rVB	279182	365725	3.19%	1.089%
4	1.881	240	246	254	rBV7	7941	10616	0.09%	0.032%
5	2.184	333	340	348	rBV5	8422	14991	0.13%	0.045%
6	2.267	355	366	379	rBV	594524	892739	7.80%	2.657%
7	2.451	414	423	441	rVB3	13972	29389	0.26%	0.087%
8	2.518	441	444	450	rVB5	866	787	0.01%	0.002%
9	2.598	465	469	471	rBV3	1189	1075	0.01%	0.003%
10	2.701	490	501	507	rBV7	2435	3737	0.03%	0.011%
11	2.836	526	543	565	rBV	110296	246066	2.15%	0.732%
12	2.997	589	593	596	rVB4	813	621	0.01%	0.002%
13	3.756	824	829	835	rBV3	631	835	0.01%	0.002%
14	3.830	849	852	856	rBV	823	626	0.01%	0.002%
15	3.939	884	886	891	rVV	842	770	0.01%	0.002%
16	4.174	947	959	988	rBV2	238591	683253	5.97%	2.034%
17	4.547	1073	1075	1079	rVB2	1128	609	0.01%	0.002%
18	4.640	1086	1104	1139	rBV2	444285	1057282	9.24%	3.147%
19	4.984	1202	1211	1214	rBV8	3862	4940	0.04%	0.015%
20	5.068	1231	1237	1240	rBV4	1302	1280	0.01%	0.004%
21	5.151	1258	1263	1265	rBV3	865	821	0.01%	0.002%
22	5.212	1277	1282	1283	rBV4	955	769	0.01%	0.002%
23	5.335	1297	1320	1350	rBV2	883526	2641558	23.08%	7.863%
24	5.621	1398	1409	1414	rBV8	3661	6063	0.05%	0.018%
25	5.685	1427	1429	1438	rVB4	1265	1130	0.01%	0.003%
26	5.753	1447	1450	1452	rBV2	852	563	0.00%	0.002%
27	5.881	1476	1490	1524	rBV	800002	1663009	14.53%	4.950%
28	6.177	1571	1582	1600	rBV5	12604	31150	0.27%	0.093%
29	6.257	1605	1607	1612	rVB4	1707	1351	0.01%	0.004%
30	6.325	1614	1628	1645	rBV	571559	1143598	9.99%	3.404%
31	6.521	1687	1689	1692	rVB3	903	617	0.01%	0.002%
32	6.627	1718	1722	1723	rBV3	1926	1252	0.01%	0.004%
33	6.724	1748	1752	1755	rBV4	1740	1501	0.01%	0.004%
34	6.817	1777	1781	1784	rBV	859	677	0.01%	0.002%

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Integration Parameters: LSCINT.P

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

35	6.897	1795	1806	1814	rBV9	4673	8572	0.07%	0.026%
36	7.142	1879	1882	1890	rVB5	1011	956	0.01%	0.003%
37	7.225	1895	1908	1927	rBV2	275138	511880	4.47%	1.524%
38	7.396	1959	1961	1964	rBV3	985	702	0.01%	0.002%
39	7.560	1993	2012	2026	rBV	1128653	2029844	17.73%	6.042%
40	7.634	2026	2035	2054	rVB	310911	570881	4.99%	1.699%
41	7.846	2091	2101	2115	rBV	192725	332873	2.91%	0.991%
42	8.042	2155	2162	2170	rVB8	5021	7348	0.06%	0.022%
43	8.090	2174	2177	2182	rBV4	732	808	0.01%	0.002%
44	8.309	2234	2245	2280	rBV2	663507	1301376	11.37%	3.874%
45	8.534	2312	2315	2318	rBV4	2927	2653	0.02%	0.008%
46	8.733	2373	2377	2379	rBV3	696	606	0.01%	0.002%
47	8.753	2380	2383	2387	rVV3	1137	851	0.01%	0.003%
48	8.788	2392	2394	2398	rVB4	1109	638	0.01%	0.002%
49	9.003	2459	2461	2466	rVB2	1106	982	0.01%	0.003%
50	9.084	2473	2486	2509	rBV	1175462	2012323	17.58%	5.990%
51	9.248	2527	2537	2551	rBV	96717	159996	1.40%	0.476%
52	9.367	2561	2574	2609	rBV	7058773	11447501	100.00%	34.073%
53	9.611	2647	2650	2652	rBV3	891	587	0.01%	0.002%
54	9.679	2666	2671	2675	rBV6	1453	1625	0.01%	0.005%
55	9.724	2680	2685	2688	rBV5	1387	1298	0.01%	0.004%
56	9.778	2695	2702	2718	rVB3	11660	23618	0.21%	0.070%
57	9.855	2724	2726	2731	rVB4	1076	771	0.01%	0.002%
58	9.881	2731	2734	2736	rBV3	805	632	0.01%	0.002%
59	10.119	2806	2808	2812	rVB2	1129	717	0.01%	0.002%
60	10.164	2812	2822	2840	rBV2	33955	58774	0.51%	0.175%
61	10.235	2840	2844	2849	rVB5	1099	1017	0.01%	0.003%
62	10.428	2891	2904	2926	rBV	884548	1427488	12.47%	4.249%
63	10.588	2943	2954	2965	rBV	26616	46074	0.40%	0.137%
64	10.682	2973	2983	3001	rBV	59499	128155	1.12%	0.381%
65	10.769	3001	3010	3025	rVV2	47811	78049	0.68%	0.232%
66	10.865	3037	3040	3044	rVB4	1051	851	0.01%	0.003%
67	10.887	3044	3047	3049	rBV2	993	682	0.01%	0.002%
68	10.968	3064	3072	3089	rVB2	38953	61831	0.54%	0.184%
69	11.084	3104	3108	3111	rBV3	1943	1989	0.02%	0.006%
70	11.145	3117	3127	3145	rVB	129684	205008	1.79%	0.610%
71	11.280	3166	3169	3170	rBV2	1593	808	0.01%	0.002%

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72	11.299	3170	3175	3176	rVV4	2352	2328	0.02%	0.007%
73	11.322	3176	3182	3195	rVB2	6890	10509	0.09%	0.031%
74	11.421	3200	3213	3220	rBV3	12024	18787	0.16%	0.056%
75	11.479	3220	3231	3249	rVV	1119553	1802478	15.75%	5.365%
76	11.566	3250	3258	3272	rVB	67285	115824	1.01%	0.345%
77	11.711	3301	3303	3305	rBV3	1299	587	0.01%	0.002%
78	11.772	3312	3322	3329	rBV5	11534	23771	0.21%	0.071%
79	11.855	3337	3348	3379	rVB	1158246	1913824	16.72%	5.696%
80	12.141	3431	3437	3443	rBV3	7559	11318	0.10%	0.034%
81	12.251	3463	3471	3479	rBV2	9233	15178	0.13%	0.045%
82	12.350	3496	3502	3508	rBV5	7956	11734	0.10%	0.035%
83	12.476	3538	3541	3545	rBV4	858	894	0.01%	0.003%
84	12.553	3558	3565	3572	rVB7	4797	7618	0.07%	0.023%
85	12.653	3587	3596	3601	rBV7	3128	4505	0.04%	0.013%
86	12.701	3606	3611	3623	rVB5	5707	9196	0.08%	0.027%
87	12.878	3661	3666	3669	rBV4	1192	1202	0.01%	0.004%
88	13.000	3700	3704	3707	rVB4	1228	898	0.01%	0.003%
89	13.077	3724	3728	3731	rVV4	724	602	0.01%	0.002%
90	13.122	3734	3742	3758	rVV7	9710	19574	0.17%	0.058%
91	13.186	3759	3762	3766	rVB4	1391	983	0.01%	0.003%
92	13.447	3838	3843	3846	rBV2	766	741	0.01%	0.002%
93	13.556	3875	3877	3882	rVB2	1218	738	0.01%	0.002%
94	14.164	4063	4066	4069	rBV2	1138	852	0.01%	0.003%
95	14.264	4093	4097	4100	rBV3	1239	1005	0.01%	0.003%
96	14.482	4160	4165	4169	rBV3	1378	1826	0.02%	0.005%
97	14.807	4263	4266	4270	rVB2	1221	846	0.01%	0.003%
98	15.109	4357	4360	4364	rBV3	1304	976	0.01%	0.003%
99	15.206	4387	4390	4395	rBV4	2008	2076	0.02%	0.006%
100	15.370	4437	4441	4443	rBV3	1303	1056	0.01%	0.003%

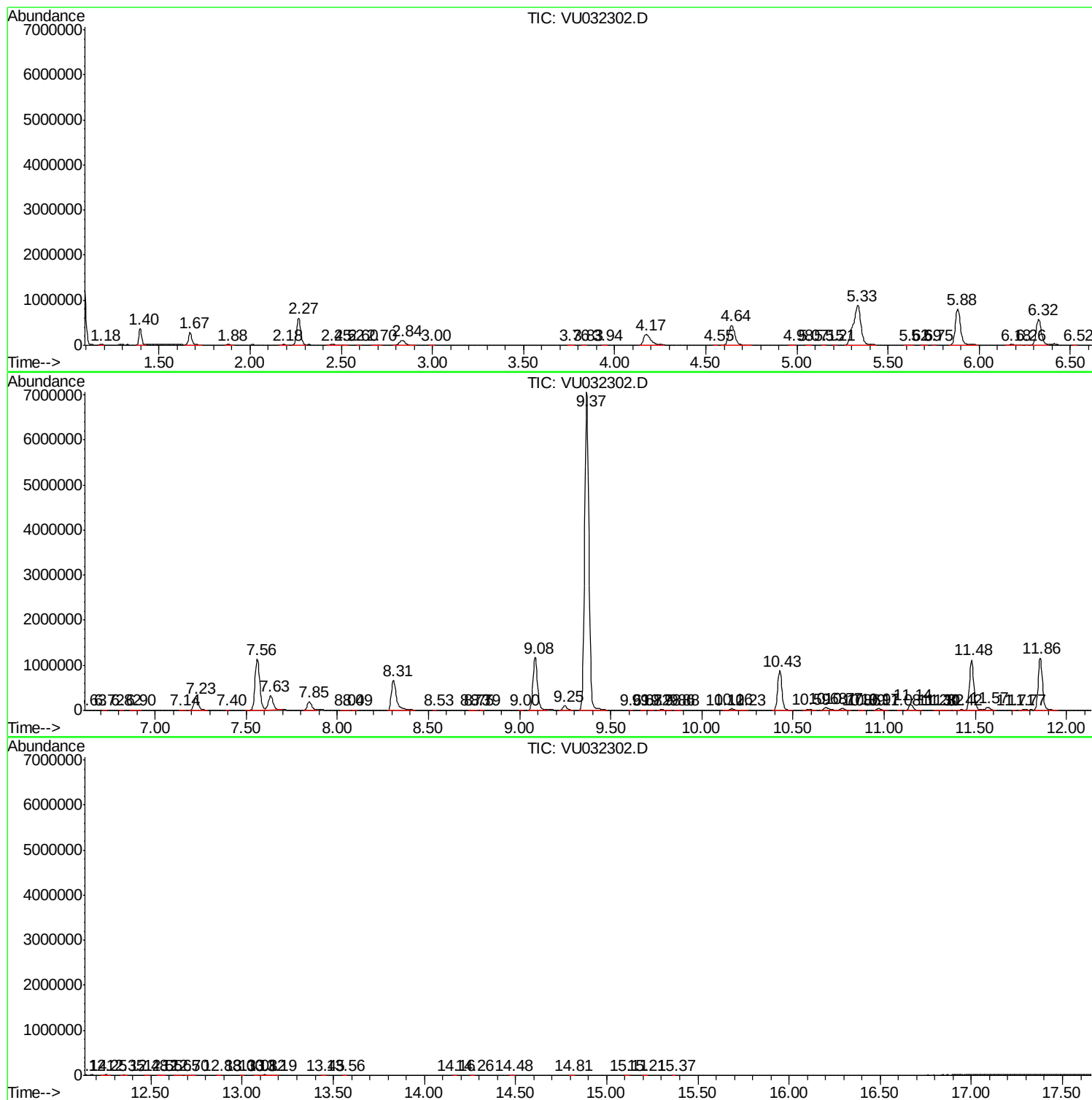
Sum of corrected areas: 33596586

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
Quant Title : VOC Analysis

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



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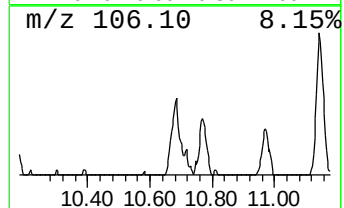
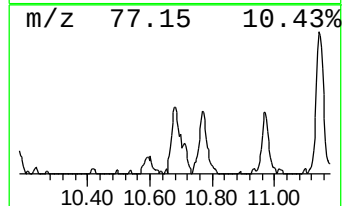
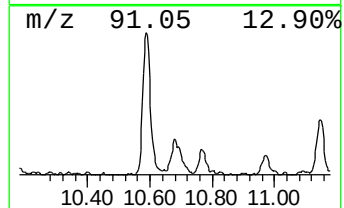
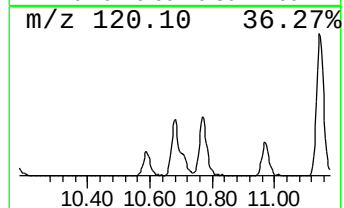
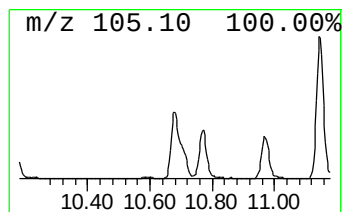
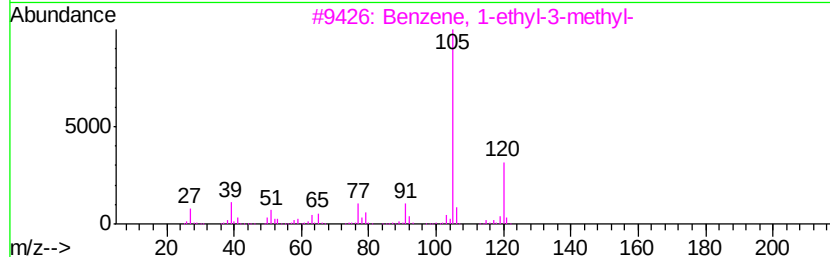
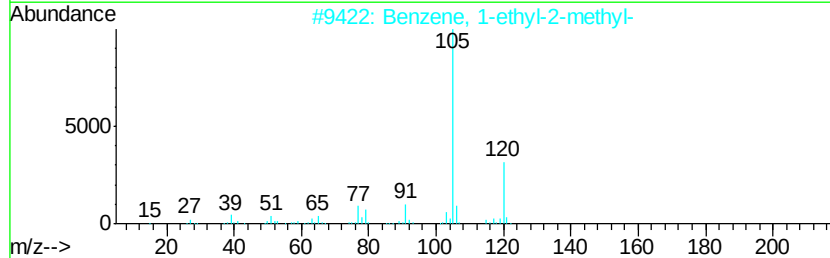
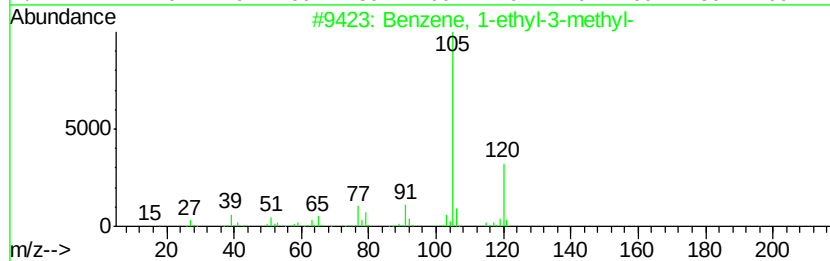
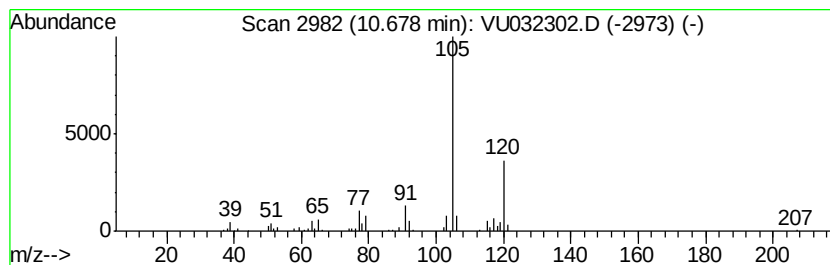
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	3.55 ug/L	128155	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91



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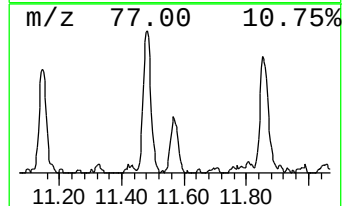
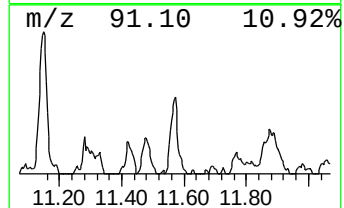
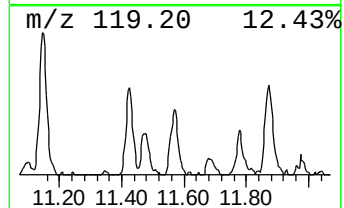
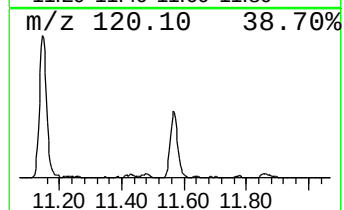
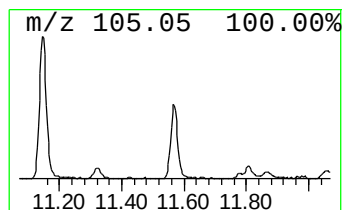
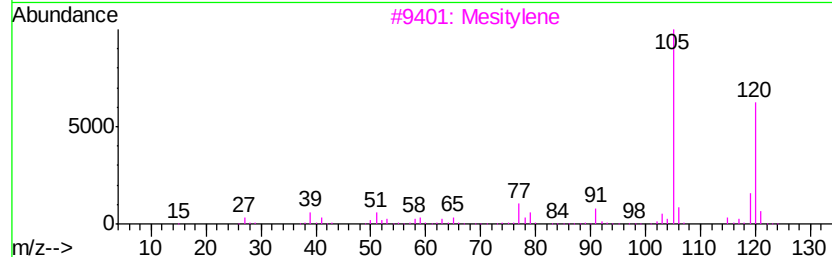
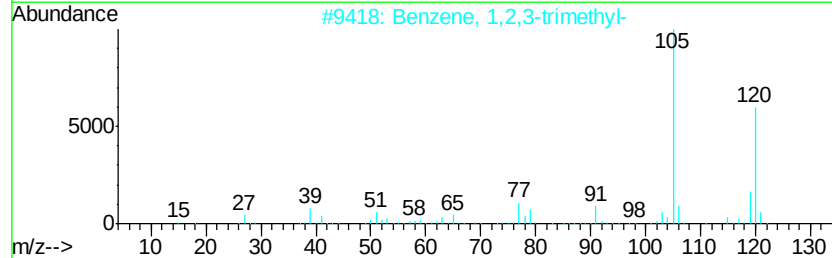
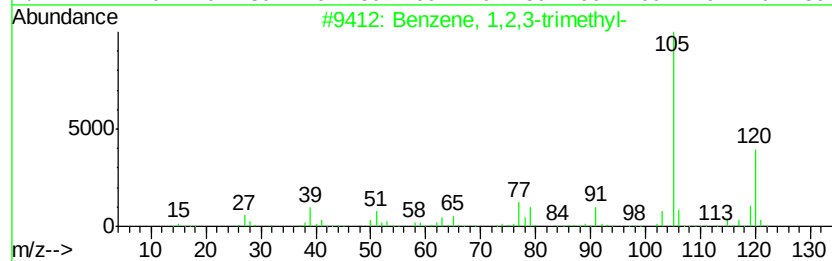
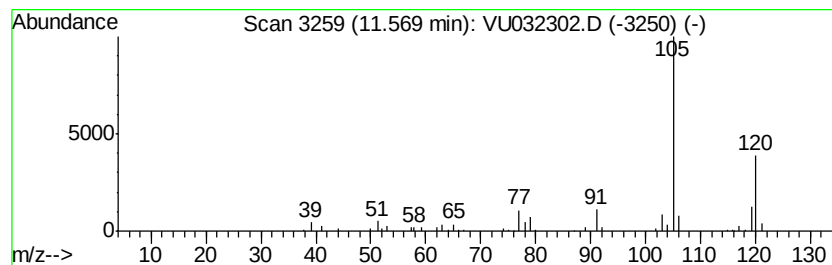
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	3.21 ug/L	115824	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3		Mesitylene	120	C9H12	000108-67-8	94
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethyl-...	10.68	3.5	ug/L	128155	3	11.48	1802480	50.0
Benzene, 1,2,3-tr...	11.57	3.2	ug/L	115824	3	11.48	1802480	50.0