

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121521\
 Data File : VU046391.D
 Acq On : 15 Dec 2021 12:52
 Operator : SY/MD
 Sample : M4997-06DL 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5R1DL

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\SFAMULM112921WMA.M

Title : VOC Analysis

Signal : TIC: VU046391.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.607	74	83	109	rVB2	88456	118395	13.72%	2.039%
2	1.919	172	180	200	rBV	41132	60898	7.06%	1.049%
3	2.292	293	296	300	rBV2	182	150	0.02%	0.003%
4	2.366	317	319	327	rVB2	210	251	0.03%	0.004%
5	2.404	328	331	333	rVV	184	132	0.02%	0.002%
6	2.420	334	336	340	rVB2	264	163	0.02%	0.003%
7	2.575	372	384	410	rBV	96870	165873	19.22%	2.857%
8	2.961	502	504	509	rBB	166	159	0.02%	0.003%
9	3.051	527	532	540	rBB3	659	1082	0.13%	0.019%
10	3.189	566	575	585	rBV2	966	1992	0.23%	0.034%
11	3.363	618	629	640	rVB3	5531	10340	1.20%	0.178%
12	3.877	771	789	813	rBV	144608	343871	39.85%	5.922%
13	4.671	1011	1036	1069	rBV2	335363	862957	100.00%	14.863%
14	4.838	1086	1088	1092	rVB2	568	324	0.04%	0.006%
15	4.861	1093	1095	1099	rBV	343	269	0.03%	0.005%
16	5.067	1142	1159	1182	rBV	96784	209814	24.31%	3.614%
17	5.147	1182	1184	1189	rVB	319	250	0.03%	0.004%
18	5.208	1196	1203	1205	rBV	167	213	0.02%	0.004%
19	5.321	1224	1238	1252	rVB3	11203	23325	2.70%	0.402%
20	5.729	1344	1365	1396	rBV2	184676	504211	58.43%	8.684%
21	6.253	1514	1528	1550	rBV	184456	343764	39.84%	5.921%
22	6.369	1562	1564	1567	rVB	269	134	0.02%	0.002%
23	6.546	1608	1619	1632	rBB3	21092	37992	4.40%	0.654%
24	6.694	1652	1665	1685	rBB2	119490	231587	26.84%	3.989%
25	6.816	1700	1703	1706	rBB2	240	174	0.02%	0.003%
26	7.189	1814	1819	1821	rBV	159	187	0.02%	0.003%
27	7.568	1925	1937	1950	rBV2	64103	111543	12.93%	1.921%
28	7.694	1972	1976	1977	rBV	317	174	0.02%	0.003%
29	7.899	2027	2040	2055	rBV	219377	372564	43.17%	6.417%
30	7.970	2055	2062	2072	rVV	6146	10386	1.20%	0.179%
31	8.009	2072	2074	2078	rVB2	199	148	0.02%	0.003%
32	8.182	2116	2128	2144	rBV	45483	75145	8.71%	1.294%
33	8.240	2144	2146	2149	rVB	255	163	0.02%	0.003%
34	8.272	2152	2156	2160	rVB2	293	277	0.03%	0.005%
35	8.308	2165	2167	2171	rBB	260	139	0.02%	0.002%
36	8.327	2172	2173	2177	rBV	224	149	0.02%	0.003%

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Integrator: RTE

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Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Title : VOC Analysis

37	8.404	2192	2197	2201	rBB3	855	863	0.10%	0.015%
38	8.481	2212	2221	2226	rBV	589	955	0.11%	0.016%
39	8.552	2236	2243	2257	rVB4	3819	6506	0.75%	0.112%
40	8.636	2257	2269	2292	rBV	183361	306505	35.52%	5.279%
41	8.880	2340	2345	2348	rBB	154	182	0.02%	0.003%
42	8.915	2351	2356	2361	rBB	560	615	0.07%	0.011%
43	9.105	2413	2415	2420	rBV	155	194	0.02%	0.003%
44	9.308	2473	2478	2482	rBV	146	188	0.02%	0.003%
45	9.349	2487	2491	2494	rBB	149	152	0.02%	0.003%
46	9.420	2499	2513	2534	rBV	270033	446320	51.72%	7.687%
47	9.571	2551	2560	2569	rBV	9609	14023	1.62%	0.242%
48	9.693	2588	2598	2611	rBV	18384	28712	3.33%	0.495%
49	9.777	2618	2624	2627	rBB	151	175	0.02%	0.003%
50	9.800	2628	2631	2635	rBB	142	140	0.02%	0.002%
51	9.938	2671	2674	2677	rBV	147	145	0.02%	0.002%
52	10.057	2706	2711	2714	rBB	175	164	0.02%	0.003%
53	10.102	2714	2725	2737	rBV2	22333	34659	4.02%	0.597%
54	10.185	2748	2751	2754	rVB	181	145	0.02%	0.002%
55	10.205	2754	2757	2763	rBV	177	259	0.03%	0.004%
56	10.311	2788	2790	2794	rBV	144	155	0.02%	0.003%
57	10.411	2816	2821	2822	rBV	154	154	0.02%	0.003%
58	10.488	2837	2845	2854	rVB2	2382	3305	0.38%	0.057%
59	10.594	2875	2878	2882	rBV	148	171	0.02%	0.003%
60	10.639	2889	2892	2894	rBV	174	139	0.02%	0.002%
61	10.677	2898	2904	2909	rVV2	452	548	0.06%	0.009%
62	10.758	2917	2929	2945	rVB	192380	304472	35.28%	5.244%
63	10.906	2966	2975	2984	rBV2	5486	7353	0.85%	0.127%
64	10.999	2994	3004	3021	rBV	20597	39120	4.53%	0.674%
65	11.089	3022	3032	3042	rVB	11554	16199	1.88%	0.279%
66	11.192	3062	3064	3068	rVB	162	139	0.02%	0.002%
67	11.224	3069	3074	3078	rBB	200	211	0.02%	0.004%
68	11.291	3085	3095	3106	rBV	14858	21742	2.52%	0.374%
69	11.427	3132	3137	3139	rVV	134	146	0.02%	0.003%
70	11.468	3139	3150	3163	rVB	61062	90829	10.53%	1.564%
71	11.619	3193	3197	3200	rBV2	274	237	0.03%	0.004%
72	11.652	3200	3207	3214	rVV2	311	453	0.05%	0.008%
73	11.748	3230	3237	3244	rVB	790	917	0.11%	0.016%
74	11.812	3244	3257	3271	rBV	320640	492334	57.05%	8.479%
75	11.896	3271	3283	3294	rVB	28933	43552	5.05%	0.750%
76	11.944	3294	3298	3302	rBV2	238	215	0.02%	0.004%

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Integration Parameters: LSCINT.P

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Peak Location: TOP

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 Title : VOC Analysis

77	11.973	3302	3307	3310	rBV	147	190	0.02%	0.003%
78	12.095	3336	3345	3354	rBV	9511	15128	1.75%	0.261%
79	12.195	3363	3376	3392	rBV	253831	412788	47.83%	7.109%
80	12.378	3427	3433	3442	rBV2	681	1052	0.12%	0.018%
81	12.478	3453	3464	3477	rBV3	5843	10431	1.21%	0.180%
82	12.571	3486	3493	3500	rVB2	1263	1719	0.20%	0.030%
83	12.681	3522	3527	3529	rBV2	482	507	0.06%	0.009%
84	12.767	3549	3554	3560	rVB3	469	527	0.06%	0.009%
85	12.877	3583	3588	3596	rVB2	543	601	0.07%	0.010%
86	12.970	3608	3617	3625	rBB2	609	854	0.10%	0.015%
87	13.028	3625	3635	3642	rBV	863	1306	0.15%	0.022%
88	13.449	3760	3766	3773	rVB2	1147	1624	0.19%	0.028%
89	13.619	3812	3819	3821	rBV2	238	251	0.03%	0.004%
90	13.632	3821	3823	3827	rVB	298	152	0.02%	0.003%
91	14.092	3956	3966	3975	rVV	2939	4452	0.52%	0.077%
92	14.571	4111	4115	4121	rBV	256	313	0.04%	0.005%
93	15.639	4444	4447	4453	rBV2	256	276	0.03%	0.005%
94	15.671	4453	4457	4459	rBV	203	157	0.02%	0.003%
95	15.706	4464	4468	4472	rBV2	173	209	0.02%	0.004%
96	15.780	4488	4491	4496	rBV2	202	179	0.02%	0.003%
97	16.475	4701	4707	4710	rBV2	314	312	0.04%	0.005%
98	16.822	4813	4815	4819	rBV3	307	204	0.02%	0.004%
99	16.947	4852	4854	4855	rBV	504	209	0.02%	0.004%
100	17.285	4957	4959	4962	rVB3	587	274	0.03%	0.005%

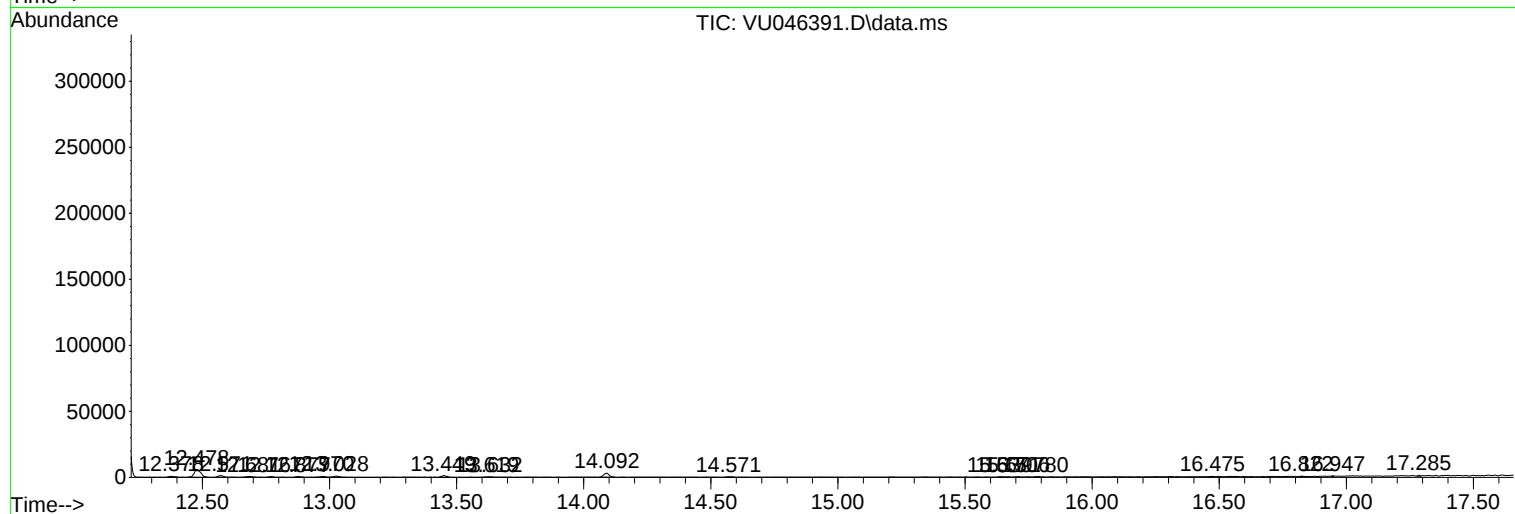
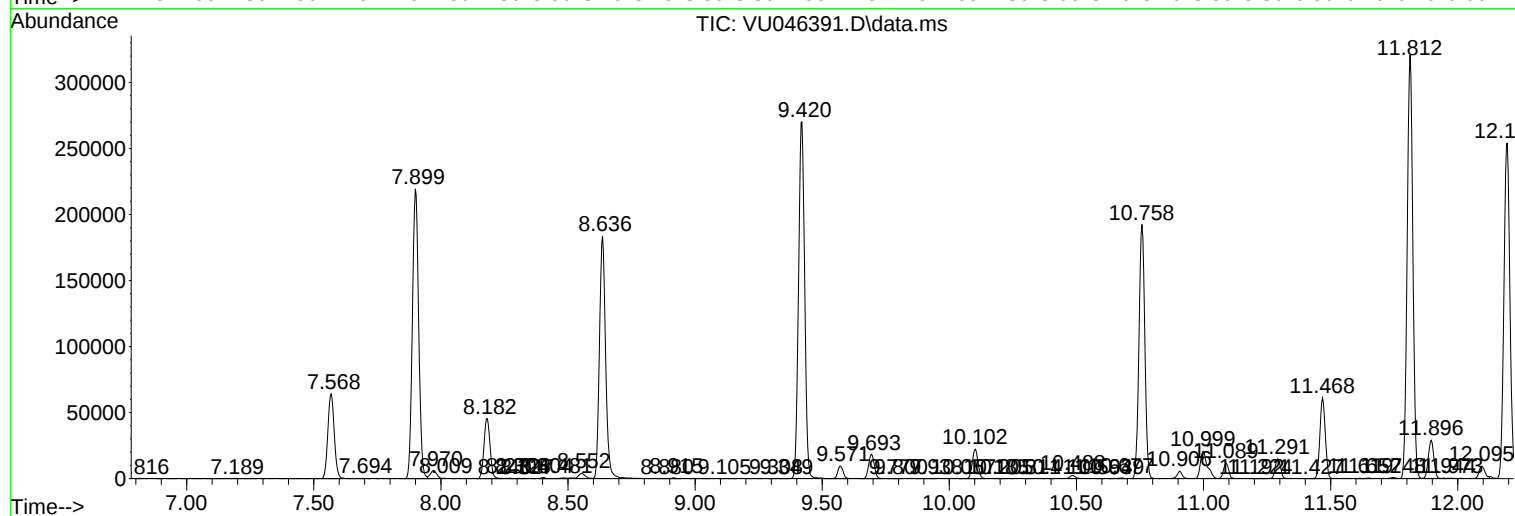
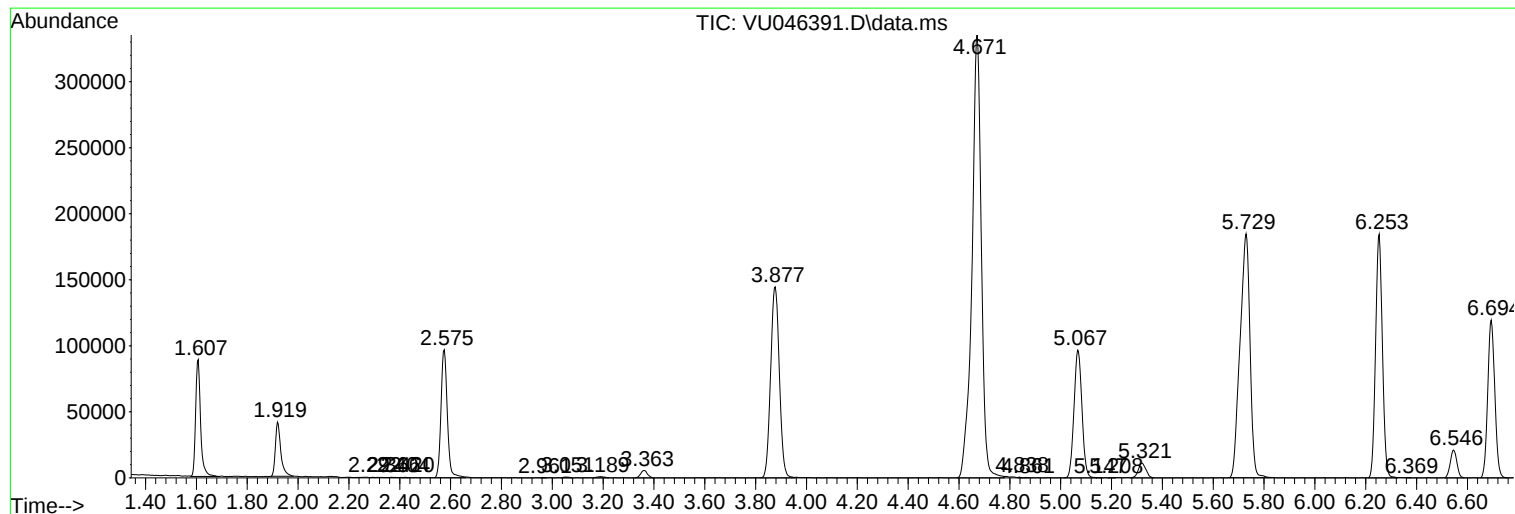
Sum of corrected areas: 5806203

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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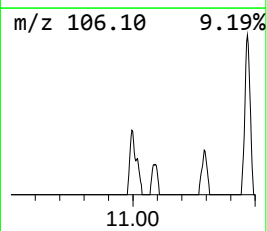
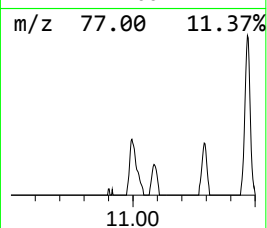
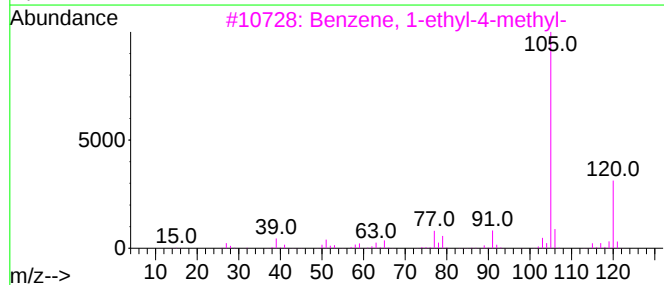
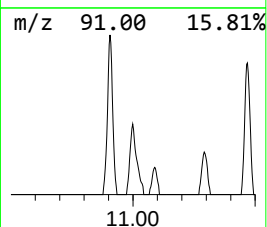
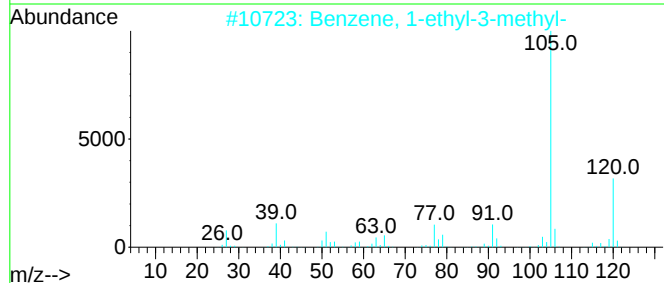
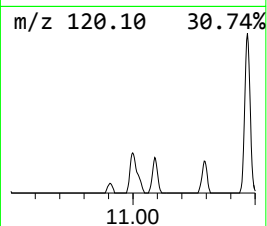
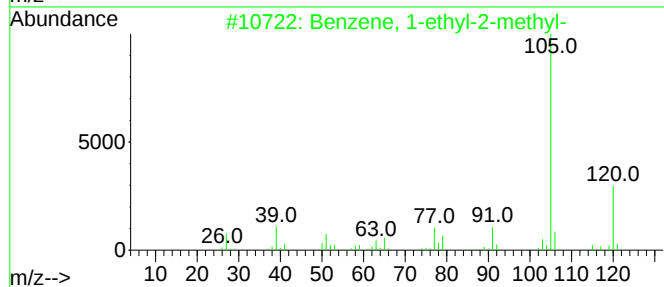
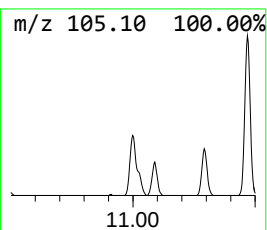
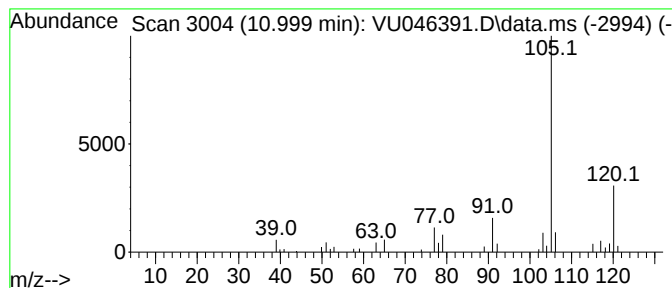
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	3.97 ug/L	39120	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



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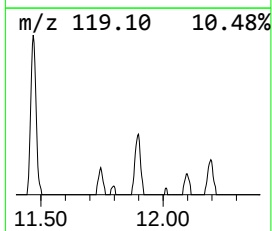
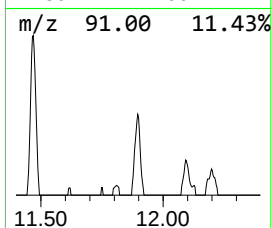
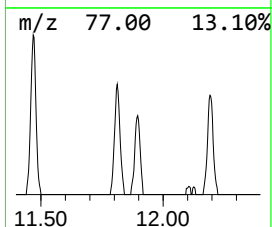
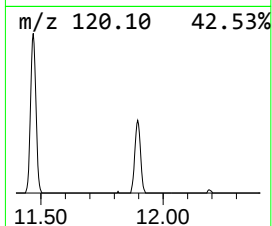
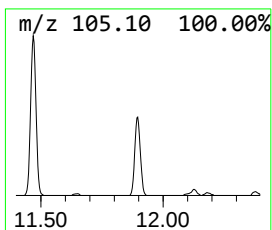
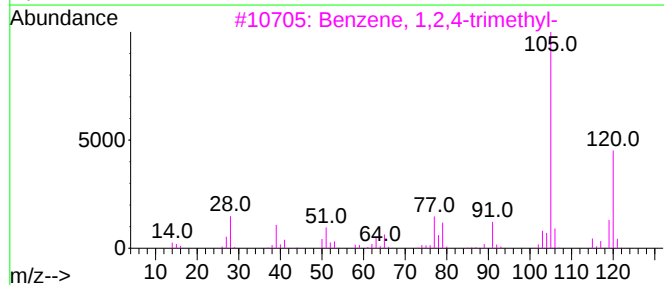
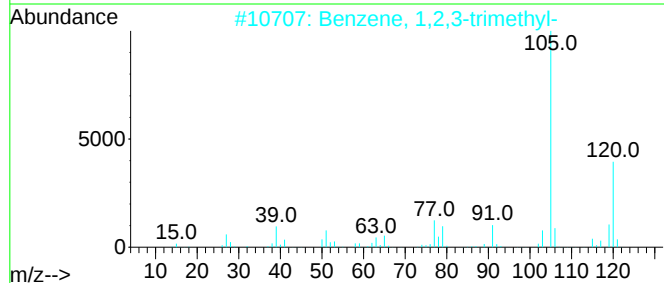
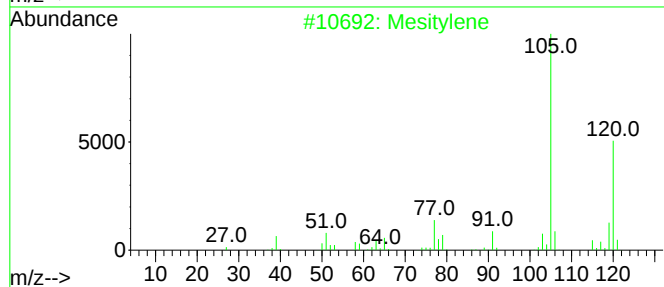
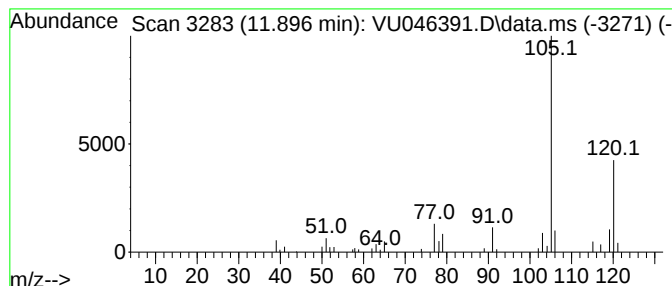
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	4.42 ug/L	43552	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	97
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethy...	10.999	4.0	ug/L	39120	3	11.812	492334	50.0
Benzene, 1,2,3-...	11.896	4.4	ug/L	43552	3	11.812	492334	50.0