

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
 Data File : VU030779.D
 Acq On : 06 Apr 2019 06:24
 Operator : JC/SP
 Sample : K2249-09DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE2DL

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\SOMULM040519WMA.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	1.177	22	27	36	rVB	42013	40552	1.97%	0.227%
2	1.396	87	95	108	rBV	361558	394440	19.20%	2.206%
3	1.675	174	182	202	rVB2	248739	488153	23.77%	2.730%
4	2.267	355	366	379	rVB	501079	763115	37.15%	4.267%
5	2.431	413	417	418	rBV3	2032	1255	0.06%	0.007%
6	2.630	476	479	481	rBV3	859	532	0.03%	0.003%
7	2.688	492	497	501	rBV5	1825	2133	0.10%	0.012%
8	2.791	526	529	531	rBV2	824	600	0.03%	0.003%
9	2.823	535	539	540	rBV2	844	537	0.03%	0.003%
10	2.916	563	568	571	rBV5	854	897	0.04%	0.005%
11	2.981	581	588	597	rVB7	2194	3552	0.17%	0.020%
12	3.080	615	619	624	rVB3	708	657	0.03%	0.004%
13	3.109	624	628	633	rBV3	591	667	0.03%	0.004%
14	3.145	636	639	646	rVB4	703	685	0.03%	0.004%
15	3.373	705	710	714	rBV3	993	1189	0.06%	0.007%
16	3.441	714	731	750	rBV	389801	872467	42.48%	4.879%
17	3.846	854	857	863	rVB4	729	697	0.03%	0.004%
18	3.904	869	875	878	rBV4	563	643	0.03%	0.004%
19	3.965	890	894	898	rBV4	764	694	0.03%	0.004%
20	4.103	933	937	940	rBV2	749	514	0.03%	0.003%
21	4.170	945	958	964	rBV	216105	447561	21.79%	2.503%
22	4.489	1054	1057	1062	rBV5	1360	1175	0.06%	0.007%
23	4.643	1087	1105	1132	rBV2	302237	784343	38.19%	4.386%
24	4.910	1171	1188	1206	rVB2	35334	90849	4.42%	0.508%
25	5.087	1240	1243	1246	rBV3	857	749	0.04%	0.004%
26	5.334	1295	1320	1347	rBV2	694017	2053977	100.00%	11.485%
27	5.624	1408	1410	1417	rVB4	1400	1127	0.05%	0.006%
28	5.691	1428	1431	1434	rVB3	904	632	0.03%	0.004%
29	5.736	1442	1445	1449	rVV3	850	735	0.04%	0.004%
30	5.772	1452	1456	1458	rVV3	739	514	0.03%	0.003%
31	5.881	1475	1490	1516	rBV	588534	1182642	57.58%	6.613%
32	6.109	1559	1561	1565	rVB3	1595	969	0.05%	0.005%
33	6.180	1569	1583	1596	rVB3	7670	18294	0.89%	0.102%
34	6.231	1596	1599	1602	rBV4	746	546	0.03%	0.003%

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Integration Parameters: LSCINT.P

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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Title : VOC Analysis

35	6.251	1602	1605	1611	rVB6	1080	898	0.04%	0.005%
36	6.325	1611	1628	1647	rBV	455854	932504	45.40%	5.214%
37	6.614	1715	1718	1720	rBV2	709	512	0.02%	0.003%
38	6.717	1747	1750	1754	rVV2	834	597	0.03%	0.003%
39	6.810	1776	1779	1781	rVB2	1047	553	0.03%	0.003%
40	6.891	1800	1804	1808	rVB2	536	584	0.03%	0.003%
41	7.186	1892	1896	1897	rBV2	878	574	0.03%	0.003%
42	7.225	1897	1908	1928	rBV2	234846	431918	21.03%	2.415%
43	7.428	1968	1971	1974	rBV4	797	602	0.03%	0.003%
44	7.508	1994	1996	1999	rBV3	604	501	0.02%	0.003%
45	7.563	2000	2013	2029	rBV	874059	1512996	73.66%	8.460%
46	7.846	2091	2101	2121	rBV	161333	293586	14.29%	1.642%
47	8.096	2174	2179	2180	rBV2	670	511	0.02%	0.003%
48	8.135	2187	2191	2195	rBV2	908	825	0.04%	0.005%
49	8.164	2196	2200	2203	rVV4	1494	936	0.05%	0.005%
50	8.183	2203	2206	2209	rVB2	929	666	0.03%	0.004%
51	8.225	2209	2219	2230	rBV4	13811	24817	1.21%	0.139%
52	8.309	2234	2245	2287	rBV	623288	1181270	57.51%	6.605%
53	8.672	2355	2358	2363	rVB4	1100	737	0.04%	0.004%
54	8.698	2363	2366	2369	rBV3	821	539	0.03%	0.003%
55	8.987	2453	2456	2458	rBV3	789	594	0.03%	0.003%
56	9.016	2462	2465	2469	rBV4	812	551	0.03%	0.003%
57	9.087	2473	2487	2526	rBV	867951	1475555	71.84%	8.251%
58	9.251	2529	2538	2554	rVB2	26165	45837	2.23%	0.256%
59	9.309	2554	2556	2559	rVB4	1303	663	0.03%	0.004%
60	9.373	2566	2576	2588	rBV	50193	87298	4.25%	0.488%
61	9.472	2603	2607	2611	rBV4	836	691	0.03%	0.004%
62	9.678	2668	2671	2677	rVB3	699	627	0.03%	0.004%
63	9.778	2691	2702	2714	rBV2	40602	68757	3.35%	0.384%
64	9.916	2742	2745	2749	rBV3	782	796	0.04%	0.004%
65	9.945	2750	2754	2755	rBV2	1323	880	0.04%	0.005%
66	10.170	2815	2824	2832	rBV4	7007	10313	0.50%	0.058%
67	10.315	2866	2869	2871	rBV2	838	494	0.02%	0.003%
68	10.427	2890	2904	2928	rBV	579556	961099	46.79%	5.374%
69	10.585	2945	2953	2972	rVB	22186	38512	1.87%	0.215%
70	10.678	2972	2982	3000	rBV2	52832	123328	6.00%	0.690%
71	10.768	3002	3010	3027	rVB	55396	87658	4.27%	0.490%

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Integration Parameters: LSCINT.P

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72	10.971	3060	3073	3087	rBV	60321	96334	4.69%	0.539%
73	11.083	3104	3108	3115	rBV6	1577	2155	0.10%	0.012%
74	11.144	3116	3127	3147	rVV	250631	393590	19.16%	2.201%
75	11.286	3167	3171	3176	rBV5	1737	1948	0.09%	0.011%
76	11.325	3176	3183	3189	rVB5	4869	7085	0.34%	0.040%
77	11.421	3206	3213	3220	rBV4	7702	11212	0.55%	0.063%
78	11.479	3220	3231	3248	rVV	795475	1299495	63.27%	7.267%
79	11.569	3249	3259	3272	rVB	113295	184860	9.00%	1.034%
80	11.762	3307	3319	3328	rBV2	29821	54750	2.67%	0.306%
81	11.855	3338	3348	3370	rVB	769008	1293451	62.97%	7.233%
82	12.058	3404	3411	3419	rVB3	6998	11196	0.55%	0.063%
83	12.144	3431	3438	3442	rBV8	6950	9586	0.47%	0.054%
84	12.254	3465	3472	3479	rBV3	8530	13255	0.65%	0.074%
85	12.357	3497	3504	3513	rBV6	5119	8949	0.44%	0.050%
86	12.437	3525	3529	3534	rVB5	1306	1166	0.06%	0.007%
87	12.469	3534	3539	3540	rBV4	1125	837	0.04%	0.005%
88	12.649	3590	3595	3602	rVV5	3472	4957	0.24%	0.028%
89	12.701	3605	3611	3623	rVB6	6672	11325	0.55%	0.063%
90	12.971	3689	3695	3703	rBV5	1775	2229	0.11%	0.012%
91	13.122	3732	3742	3752	rBV7	9744	17000	0.83%	0.095%
92	13.283	3788	3792	3793	rBV3	2799	1766	0.09%	0.010%
93	13.411	3829	3832	3837	rBV4	788	1032	0.05%	0.006%
94	13.521	3859	3866	3869	rBV7	2200	2807	0.14%	0.016%
95	13.617	3894	3896	3902	rVB3	833	627	0.03%	0.004%
96	13.691	3917	3919	3922	rVB4	1209	576	0.03%	0.003%
97	13.762	3937	3941	3942	rBV3	1451	1005	0.05%	0.006%
98	14.186	4070	4073	4075	rBV2	928	532	0.03%	0.003%
99	14.836	4273	4275	4278	rVB3	1250	621	0.03%	0.003%
100	15.225	4393	4396	4399	rBV3	1491	1006	0.05%	0.006%

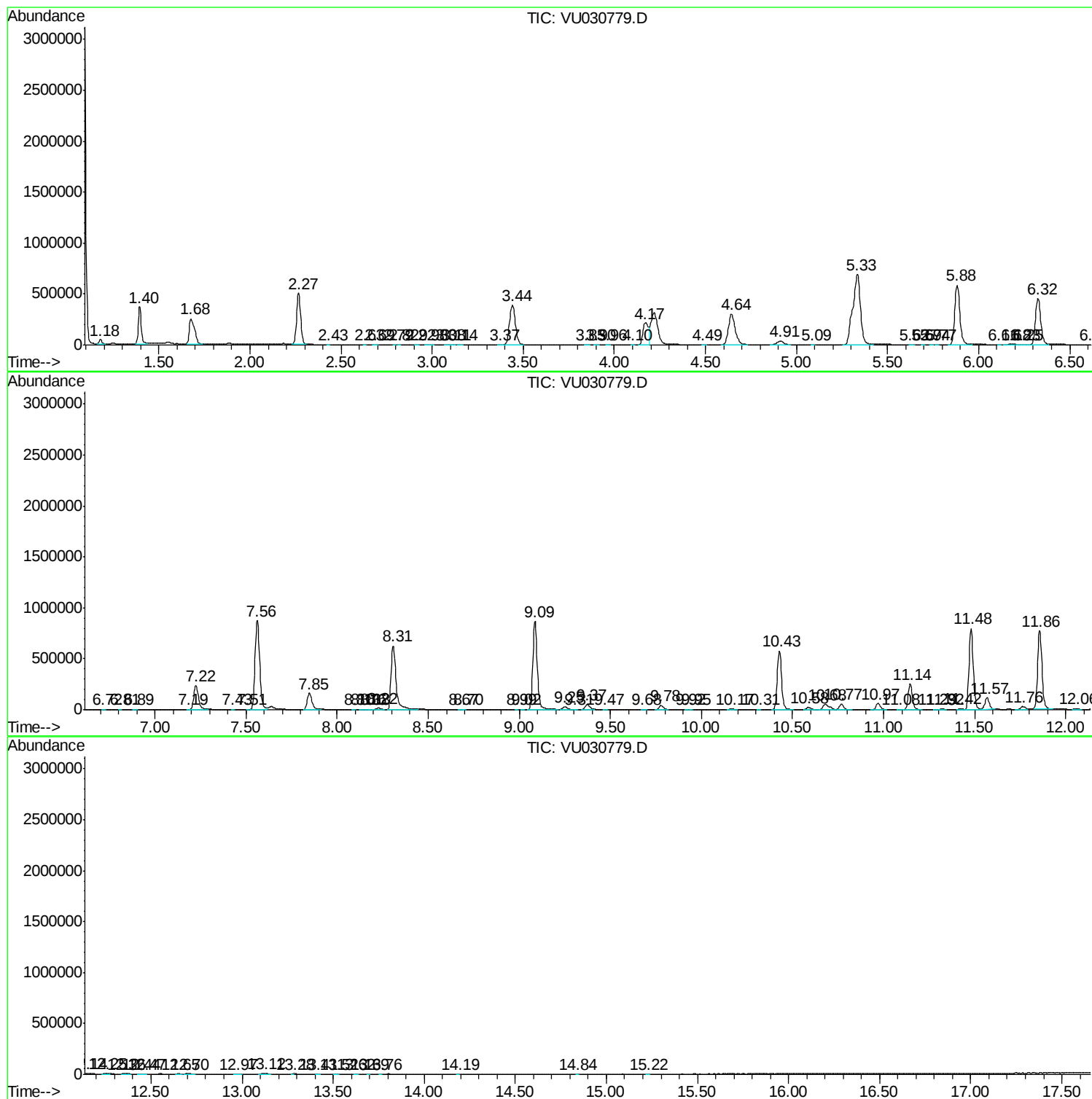
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Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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



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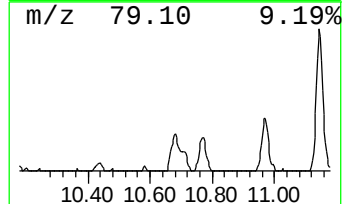
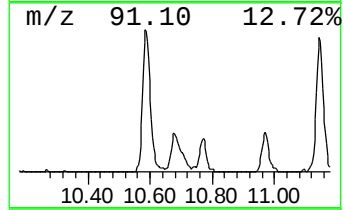
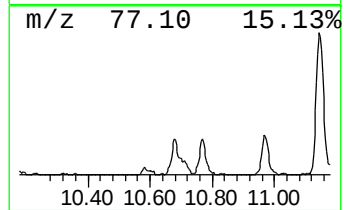
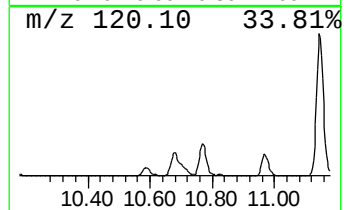
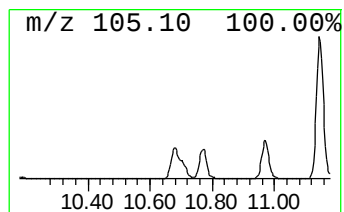
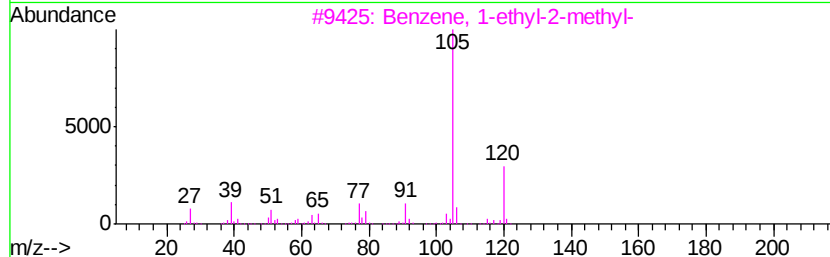
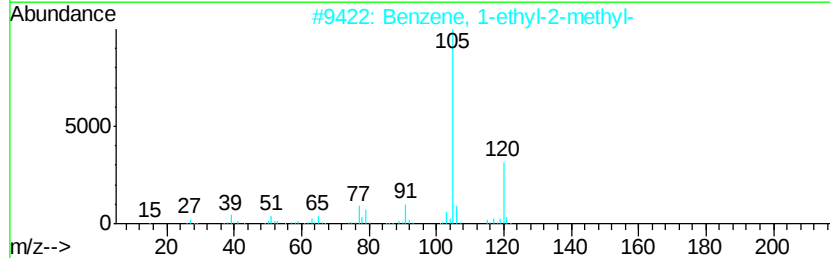
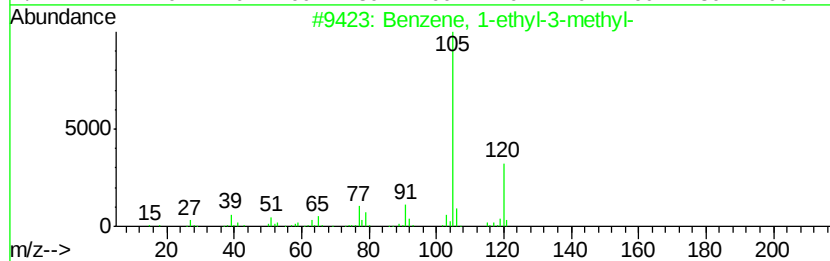
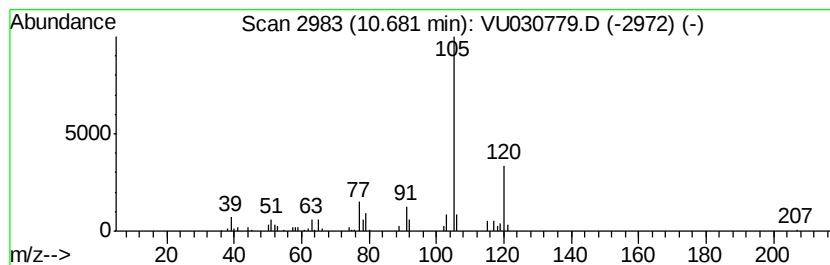
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	4.75 ug/L	123328	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	91
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	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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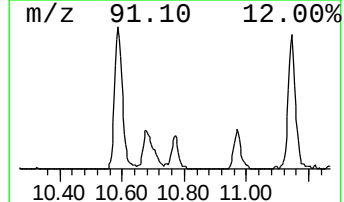
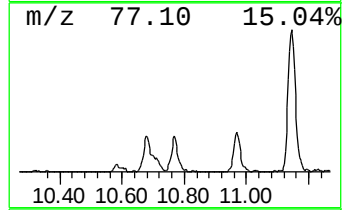
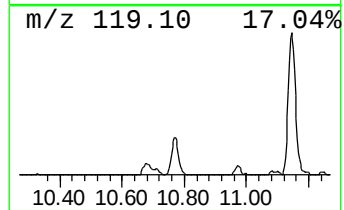
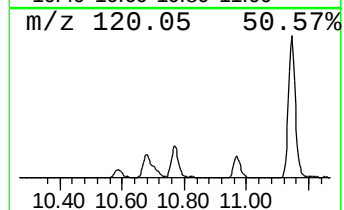
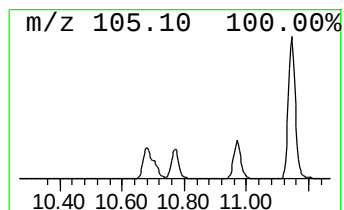
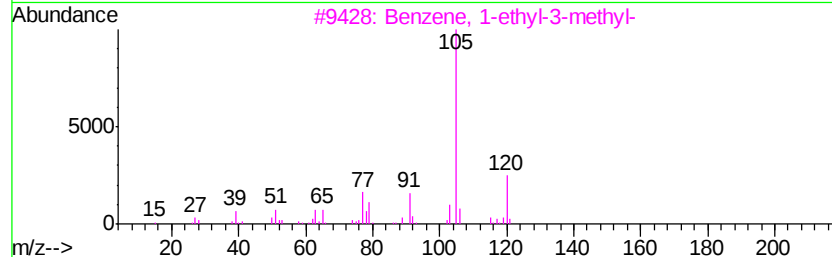
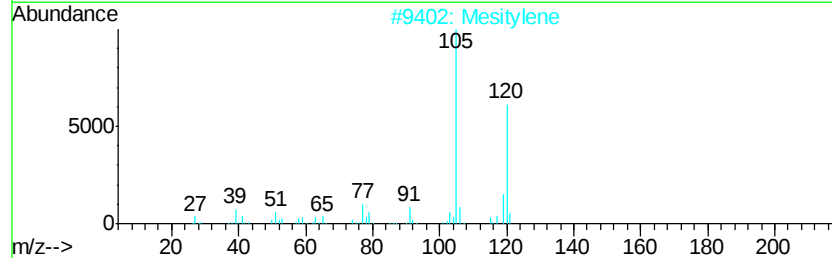
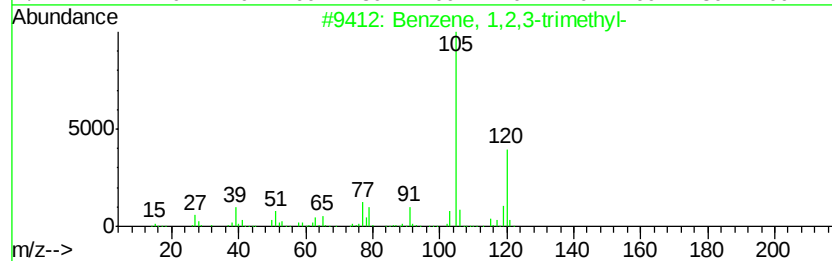
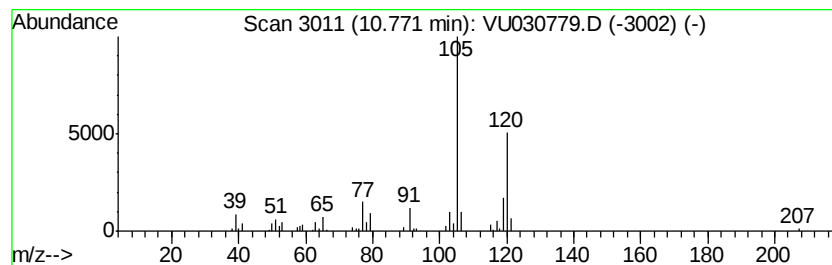
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Quant Title : VOC Analysis

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

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	3.37 ug/L	87658	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	94
2		Mesitylene	120	C9H12	000108-67-8	94
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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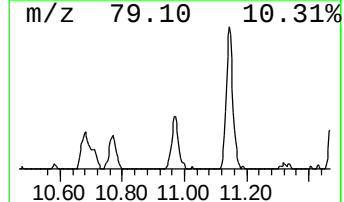
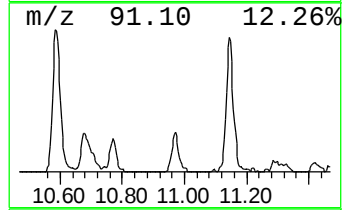
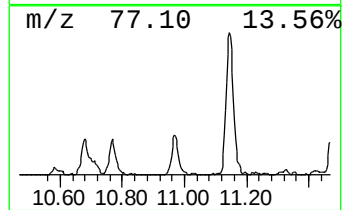
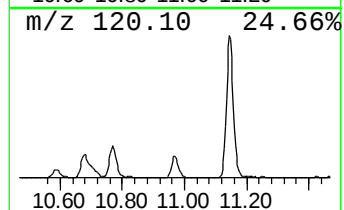
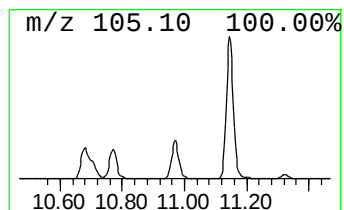
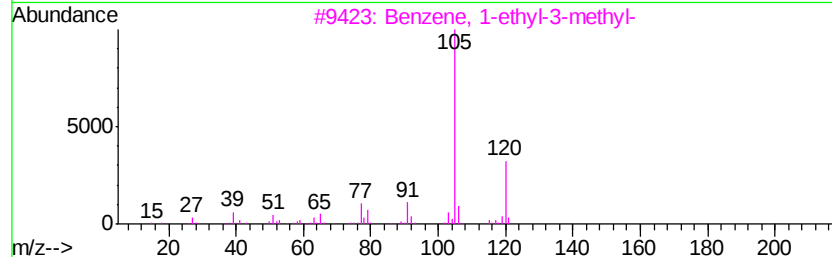
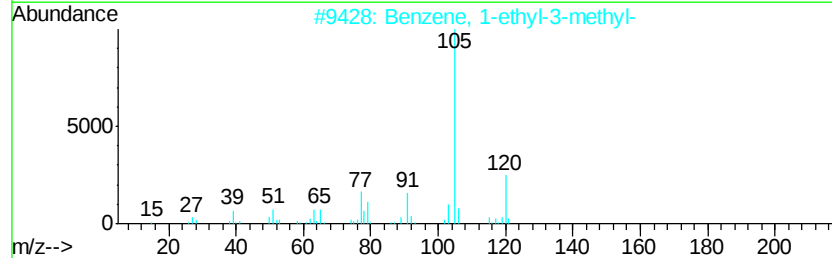
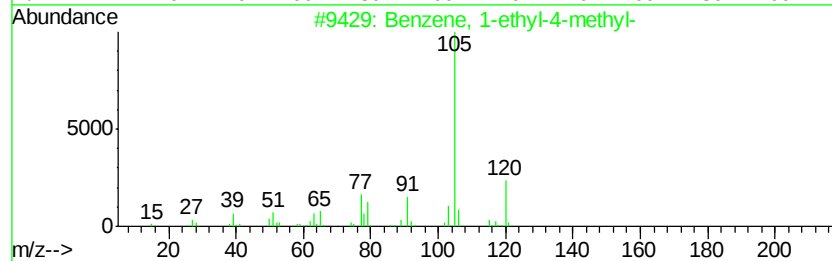
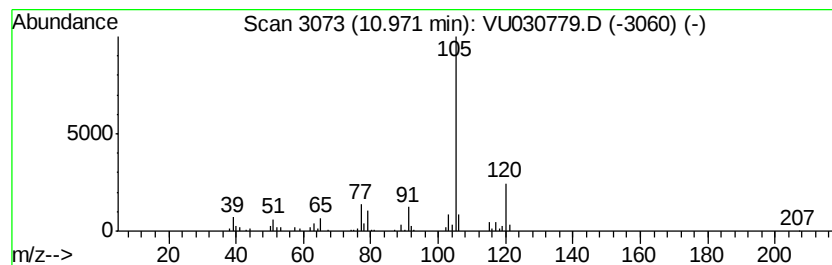
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Quant Title : VOC Analysis

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

Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	3.71 ug/L	96334	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040619\
Data File : VU030779.D
Acq On : 06 Apr 2019 06:24
Operator : JC/SP
Sample : K2249-09DL 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YE2DL

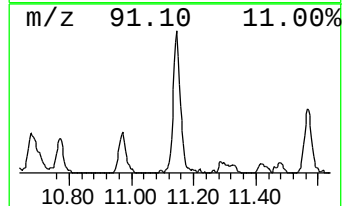
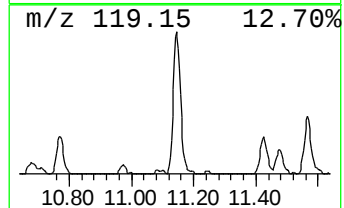
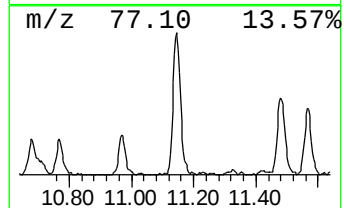
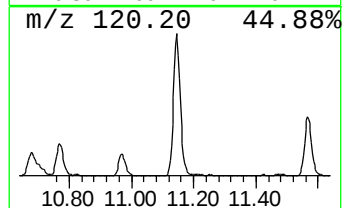
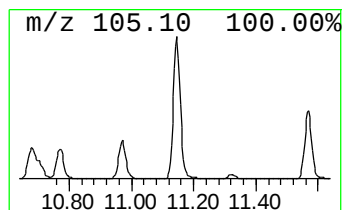
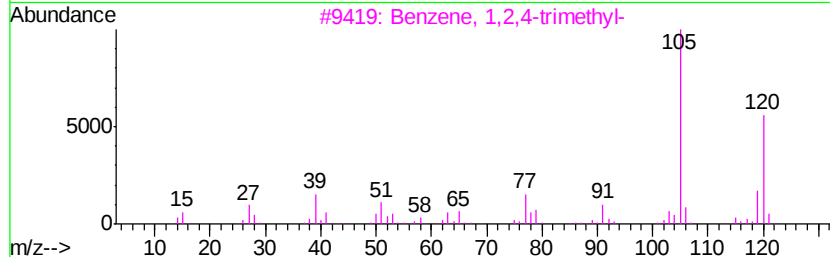
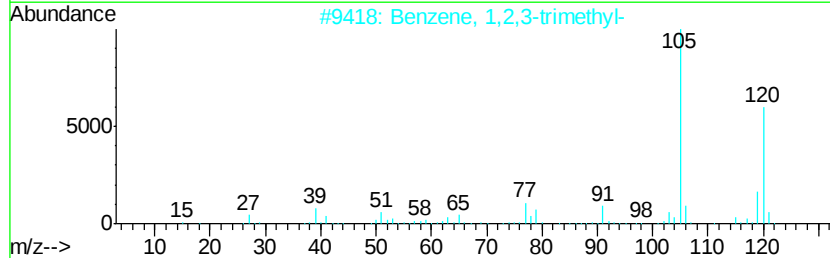
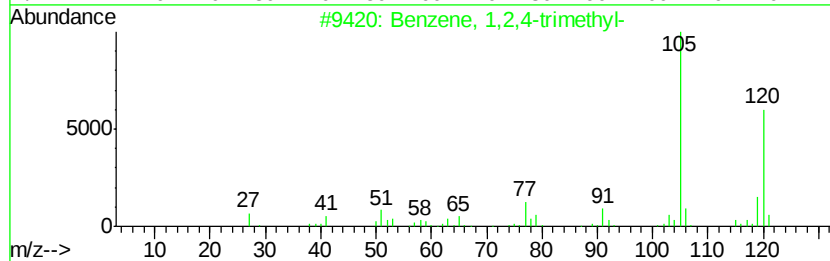
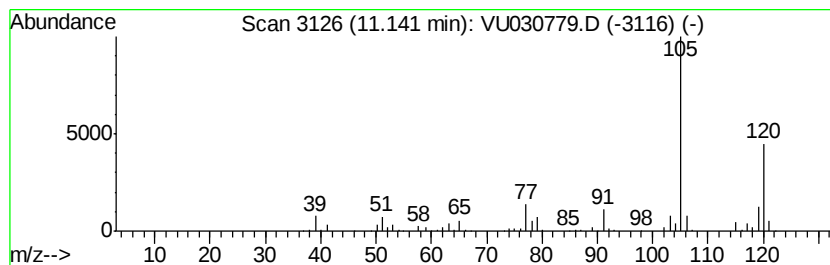
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	15.14 ug/L	393590	1,4-Dichlorobenzene-d4	11.48

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040619\
Data File : VU030779.D
Acq On : 06 Apr 2019 06:24
Operator : JC/SP
Sample : K2249-09DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YE2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

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	4.8	ug/L	123328	3	11.48	1299500	50.0
Benzene, 1,2,3-tr...	10.77	3.4	ug/L	87658	3	11.48	1299500	50.0
Benzene, 1-ethyl-...	10.97	3.7	ug/L	96334	3	11.48	1299500	50.0
Benzene, 1,2,4-tr...	11.14	15.1	ug/L	393590	3	11.48	1299500	50.0