

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122118\
 Data File : VU028882.D
 Acq On : 21 Dec 2018 18:38
 Operator : MD/SY
 Sample : J6441-11DL2 100X
 Misc : 5.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF024DL2

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\SOMULM122018WMA.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	1.395	63	69	81	rVB	65611	63980	8.20%	0.845%
2	1.668	147	154	172	rVB	50292	64428	8.26%	0.850%
3	2.266	330	340	354	rVB	99007	148750	19.07%	1.964%
4	2.472	401	404	407	rBV	233	191	0.02%	0.003%
5	2.697	470	474	482	rVB4	572	801	0.10%	0.011%
6	2.742	482	488	491	rBV	168	210	0.03%	0.003%
7	2.839	510	518	527	rVB2	687	1444	0.19%	0.019%
8	2.897	530	536	542	rVB	130	166	0.02%	0.002%
9	3.064	585	588	596	rVB	139	147	0.02%	0.002%
10	3.180	617	624	627	rBV	150	172	0.02%	0.002%
11	3.244	640	644	647	rVB	109	83	0.01%	0.001%
12	3.694	781	784	793	rVB	133	141	0.02%	0.002%
13	3.797	813	816	821	rBV	79	91	0.01%	0.001%
14	3.893	839	846	849	rBV	142	162	0.02%	0.002%
15	4.077	899	903	905	rBV	96	81	0.01%	0.001%
16	4.176	921	934	975	rBV	61494	163840	21.01%	2.163%
17	4.485	1026	1030	1032	rBV	162	86	0.01%	0.001%
18	4.533	1039	1045	1049	rBV	118	122	0.02%	0.002%
19	4.578	1054	1059	1064	rVB	133	144	0.02%	0.002%
20	4.646	1064	1080	1102	rBV	84919	197918	25.37%	2.613%
21	4.803	1126	1129	1133	rVB	123	85	0.01%	0.001%
22	4.880	1148	1153	1160	rBV3	501	733	0.09%	0.010%
23	5.089	1212	1218	1226	rBV2	402	682	0.09%	0.009%
24	5.244	1264	1266	1269	rVB	172	75	0.01%	0.001%
25	5.337	1273	1295	1325	rBV3	171191	503720	64.58%	6.649%
26	5.546	1356	1360	1363	rBV	90	91	0.01%	0.001%
27	5.646	1389	1391	1395	rVB	174	83	0.01%	0.001%
28	5.684	1401	1403	1406	rBV2	129	88	0.01%	0.001%
29	5.755	1423	1425	1429	rVB	162	84	0.01%	0.001%
30	5.884	1450	1465	1492	rBV	204900	400695	51.37%	5.289%
31	6.173	1552	1555	1557	rBV2	271	168	0.02%	0.002%
32	6.228	1570	1572	1577	rVB	158	147	0.02%	0.002%
33	6.266	1582	1584	1587	rBV	150	89	0.01%	0.001%
34	6.327	1589	1603	1627	rBV	121067	242404	31.08%	3.200%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Title : VOC Analysis

35	6.462	1643	1645	1651	rVB	225	130	0.02%	0.002%
36	6.488	1651	1653	1655	rBV	172	93	0.01%	0.001%
37	6.527	1662	1665	1668	rBV	130	97	0.01%	0.001%
38	6.659	1703	1706	1707	rBV	134	82	0.01%	0.001%
39	6.684	1712	1714	1717	rVB	169	88	0.01%	0.001%
40	6.835	1758	1761	1763	rBV	162	80	0.01%	0.001%
41	7.028	1819	1821	1825	rVB	212	115	0.01%	0.002%
42	7.102	1840	1844	1846	rBV	193	139	0.02%	0.002%
43	7.115	1846	1848	1850	rVB	157	74	0.01%	0.001%
44	7.160	1859	1862	1866	rVB	170	118	0.02%	0.002%
45	7.228	1871	1883	1900	rBV	65496	116543	14.94%	1.538%
46	7.334	1911	1916	1922	rVB2	199	155	0.02%	0.002%
47	7.369	1922	1927	1931	rBV2	213	204	0.03%	0.003%
48	7.437	1946	1948	1953	rVB2	185	117	0.02%	0.002%
49	7.466	1953	1957	1958	rBV	117	75	0.01%	0.001%
50	7.504	1966	1969	1974	rVB2	175	122	0.02%	0.002%
51	7.565	1974	1988	2004	rBV	214212	375775	48.18%	4.960%
52	7.848	2066	2076	2104	rBV	45861	78259	10.03%	1.033%
53	7.948	2104	2107	2109	rVV	319	188	0.02%	0.002%
54	7.974	2113	2115	2117	rVV	151	87	0.01%	0.001%
55	7.999	2121	2123	2126	rBV	140	83	0.01%	0.001%
56	8.015	2126	2128	2133	rBV2	177	94	0.01%	0.001%
57	8.099	2151	2154	2155	rBV	158	87	0.01%	0.001%
58	8.167	2168	2175	2176	rBV	456	457	0.06%	0.006%
59	8.231	2188	2195	2204	rVB4	1642	2392	0.31%	0.032%
60	8.273	2204	2208	2209	rBV	163	114	0.01%	0.002%
61	8.311	2209	2220	2253	rBV	210058	360403	46.21%	4.757%
62	8.540	2289	2291	2293	rBV	254	125	0.02%	0.002%
63	8.597	2307	2309	2312	rBV	153	89	0.01%	0.001%
64	8.819	2374	2378	2381	rBV2	279	217	0.03%	0.003%
65	8.848	2381	2387	2392	rVV3	690	845	0.11%	0.011%
66	8.880	2394	2397	2399	rVV	318	240	0.03%	0.003%
67	8.906	2402	2405	2416	rVB5	1865	2397	0.31%	0.032%
68	9.031	2436	2444	2450	rBV3	1127	1498	0.19%	0.020%
69	9.089	2450	2462	2496	rBV	293323	491614	63.03%	6.489%
70	9.247	2500	2511	2537	rBV	483141	779997	100.00%	10.296%
71	9.372	2543	2550	2564	rBV4	5714	13875	1.78%	0.183%

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72	9.443	2565	2572	2583	rVB2	13811	20972	2.69%	0.277%
73	9.568	2608	2611	2616	rBV3	362	273	0.04%	0.004%
74	9.626	2626	2629	2631	rBV2	196	114	0.01%	0.002%
75	9.646	2632	2635	2636	rBV	175	96	0.01%	0.001%
76	9.716	2644	2657	2667	rBV6	6129	11467	1.47%	0.151%
77	9.777	2668	2676	2686	rBV	25228	39316	5.04%	0.519%
78	9.922	2714	2721	2722	rBV4	2074	2082	0.27%	0.027%
79	10.012	2743	2749	2750	rBV4	1302	1393	0.18%	0.018%
80	10.041	2752	2758	2767	rVV6	8196	12937	1.66%	0.171%
81	10.166	2785	2797	2807	rBV	35056	53681	6.88%	0.709%
82	10.430	2868	2879	2893	rBV	192566	314816	40.36%	4.156%
83	10.588	2917	2928	2940	rBV	88752	140173	17.97%	1.850%
84	10.681	2946	2957	2974	rBV	338968	717877	92.04%	9.476%
85	10.771	2976	2985	2993	rBV	168340	248432	31.85%	3.279%
86	10.970	3037	3047	3066	rVB	119868	188591	24.18%	2.489%
87	11.147	3093	3102	3126	rVB	404178	619014	79.36%	8.171%
88	11.276	3132	3142	3143	rBV4	4360	5601	0.72%	0.074%
89	11.398	3171	3180	3183	rBV5	6419	9197	1.18%	0.121%
90	11.482	3196	3206	3218	rBV	290294	449124	57.58%	5.928%
91	11.568	3226	3233	3243	rVB	90832	128467	16.47%	1.696%
92	11.774	3286	3297	3305	rBV3	39924	83767	10.74%	1.106%
93	11.861	3314	3324	3342	rVB2	253114	438692	56.24%	5.791%
94	12.025	3366	3375	3383	rBV	34826	50599	6.49%	0.668%
95	12.147	3406	3413	3417	rBV2	9258	13069	1.68%	0.173%
96	12.610	3550	3557	3564	rBV6	2240	3307	0.42%	0.044%
97	12.932	3654	3657	3658	rBV	185	99	0.01%	0.001%
98	12.970	3664	3669	3673	rBV	371	461	0.06%	0.006%
99	13.128	3712	3718	3726	rBV6	1723	2647	0.34%	0.035%
100	13.391	3796	3800	3802	rBV	393	288	0.04%	0.004%

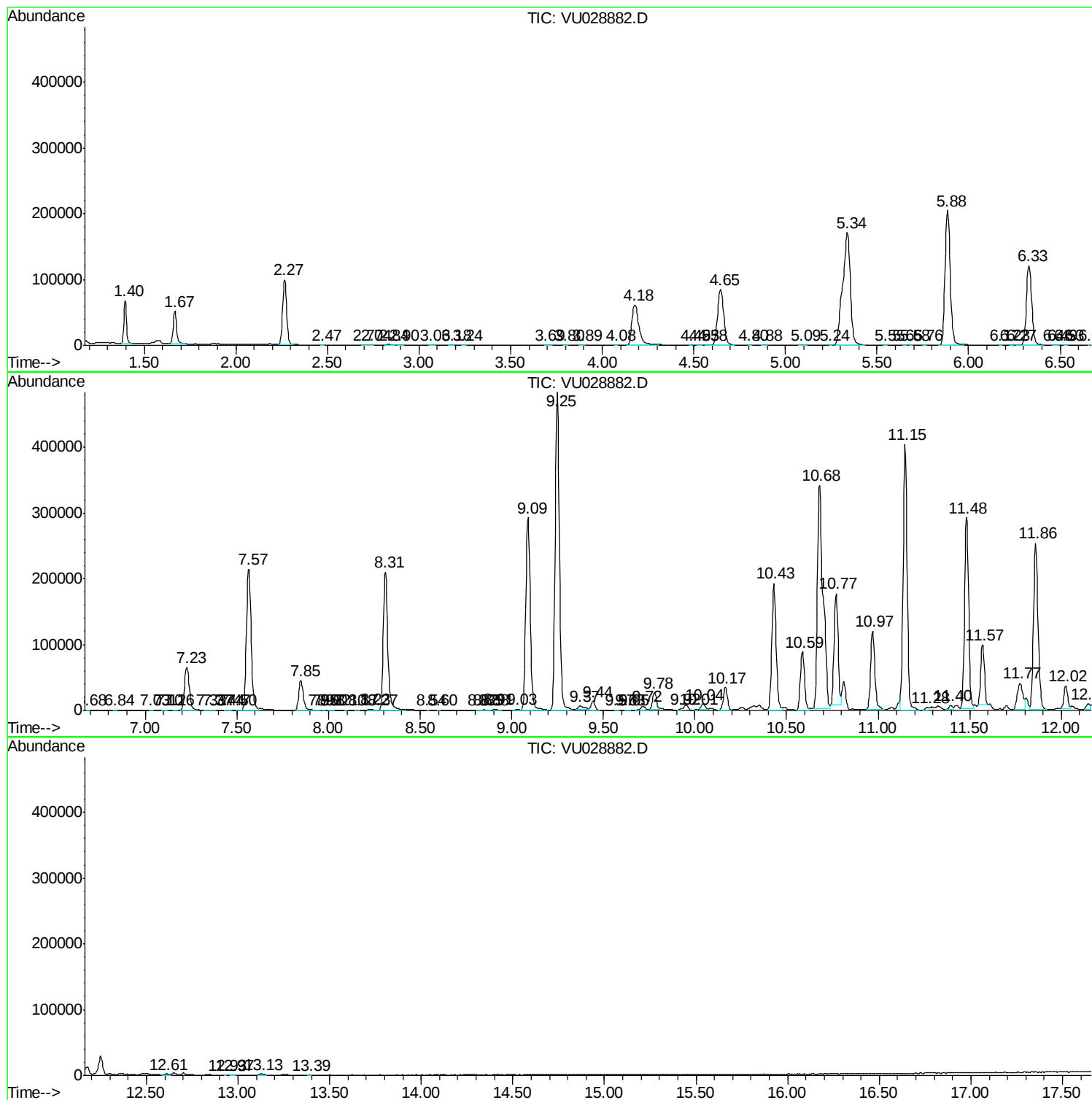
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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



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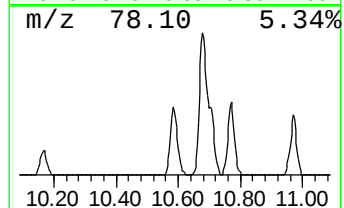
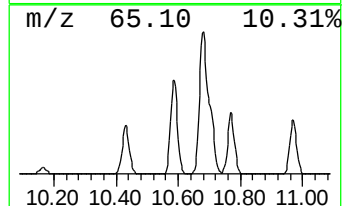
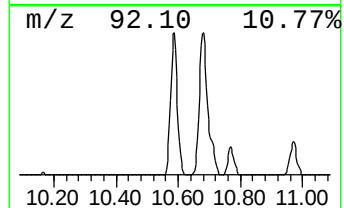
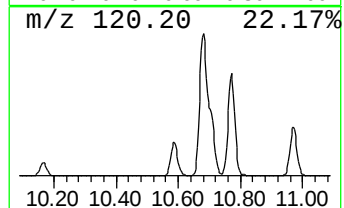
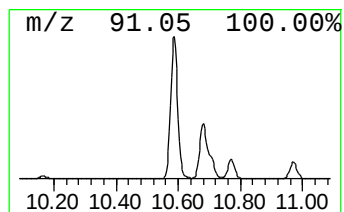
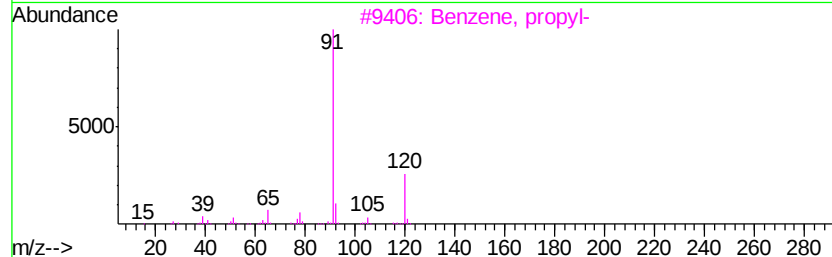
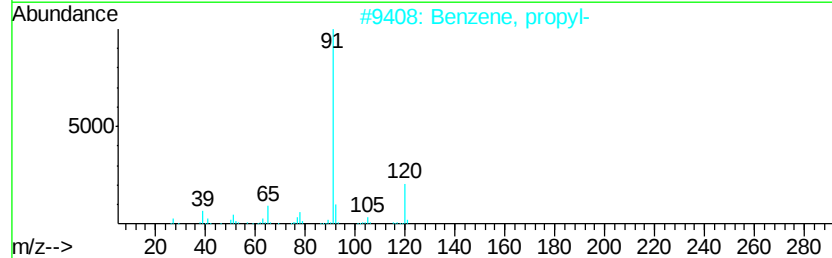
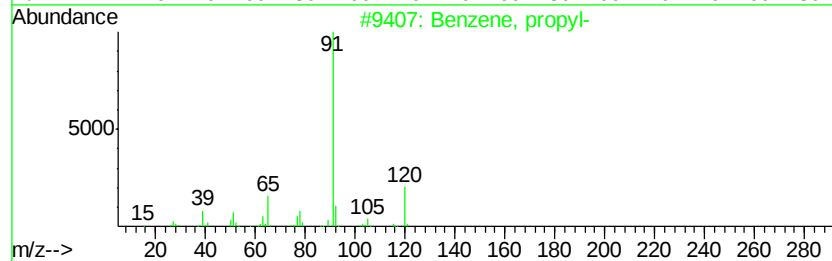
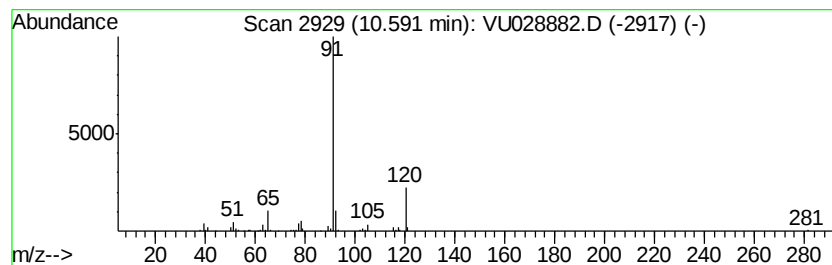
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	15.61 ug/L	140173	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	90
2		Benzene, propyl-	120	C9H12	000103-65-1	87
3		Benzene, propyl-	120	C9H12	000103-65-1	83
4		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64



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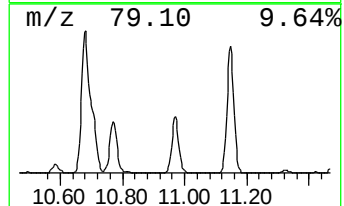
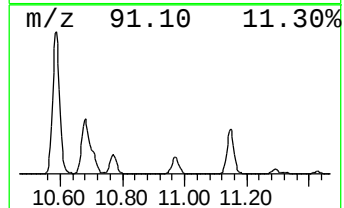
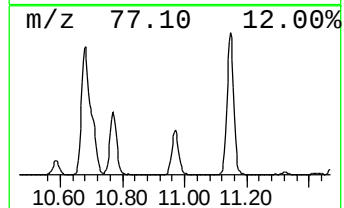
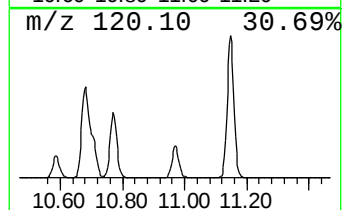
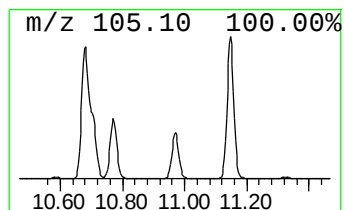
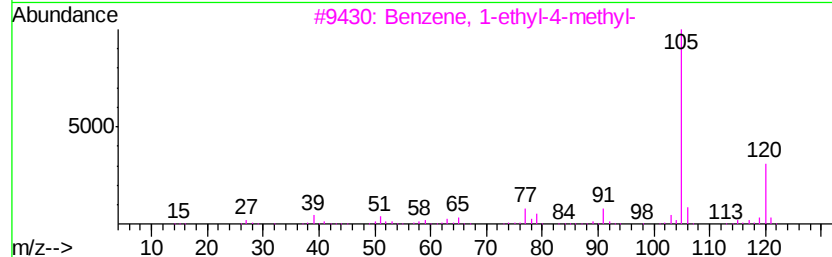
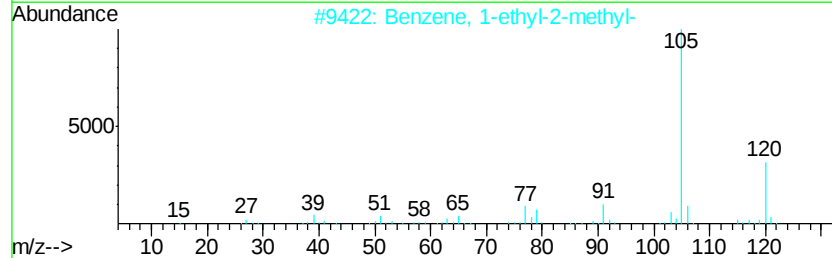
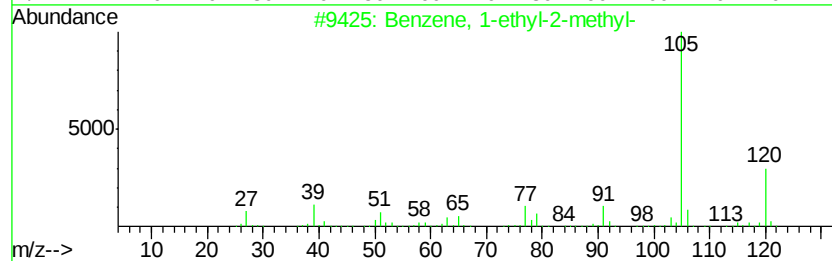
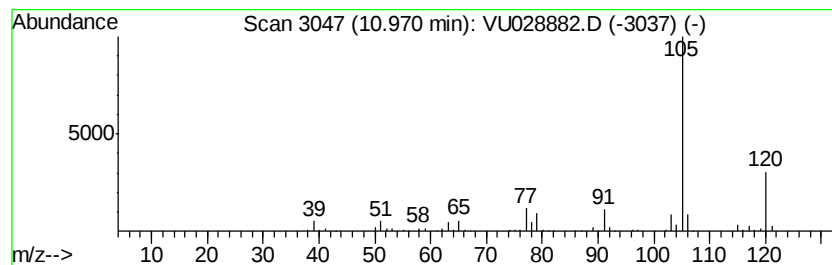
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	21.00 ug/L	188591	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
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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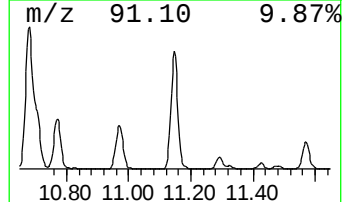
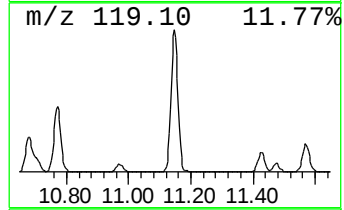
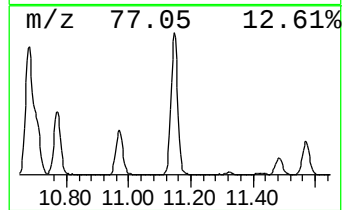
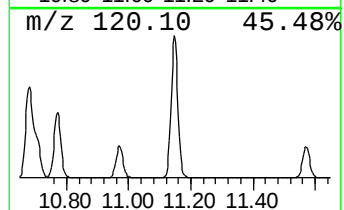
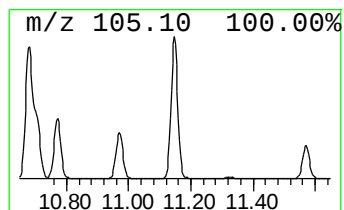
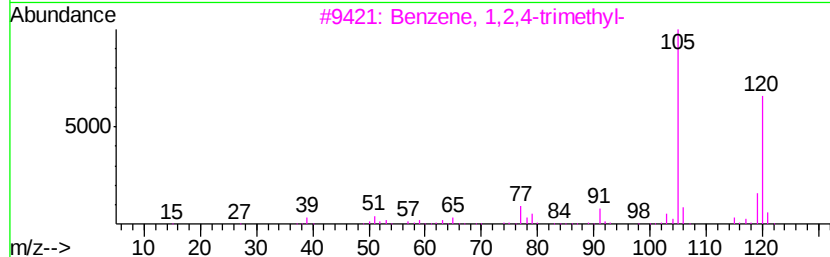
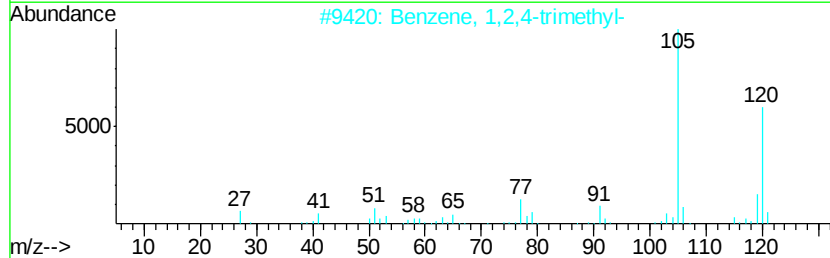
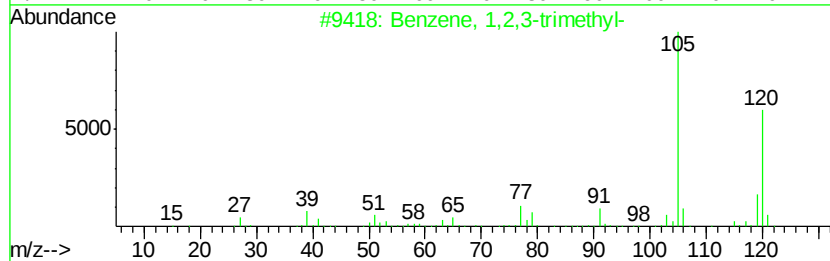
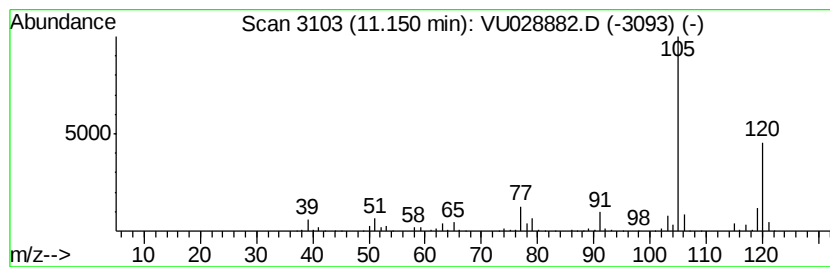
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	68.91 ug/L	619014	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	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	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:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU122118\
Data File : VU028882.D
Acq On : 21 Dec 2018 18:38
Operator : MD/SY
Sample : J6441-11DL2 100X
Misc : 5.90uL/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

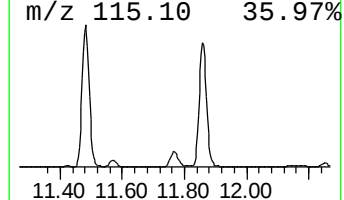
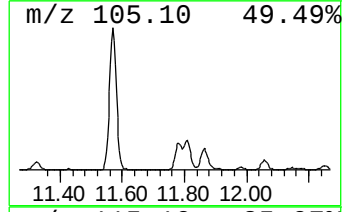
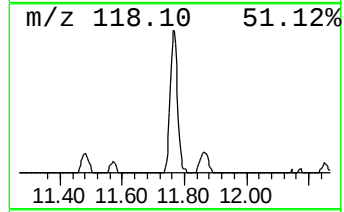
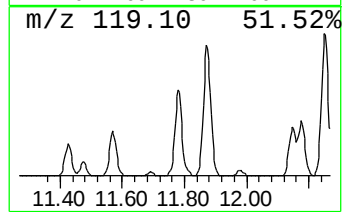
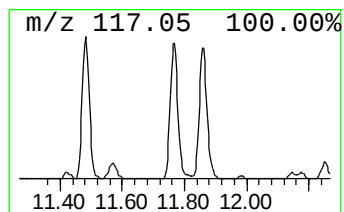
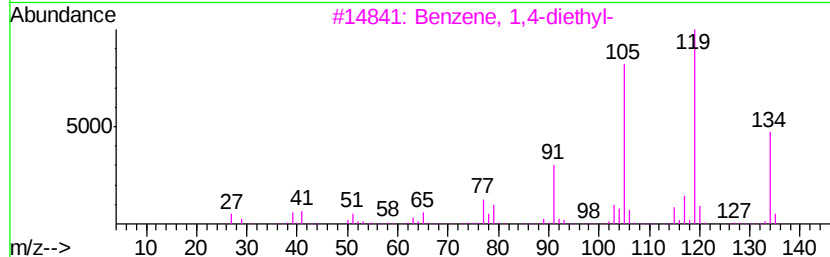
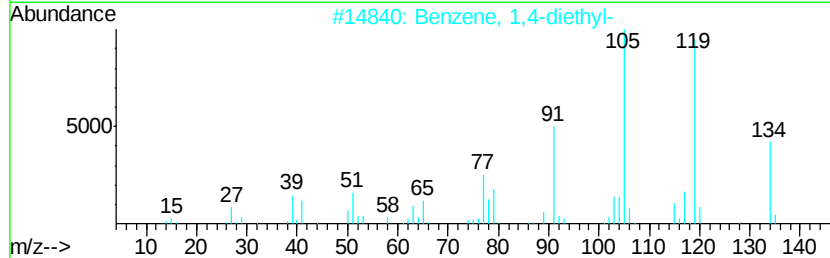
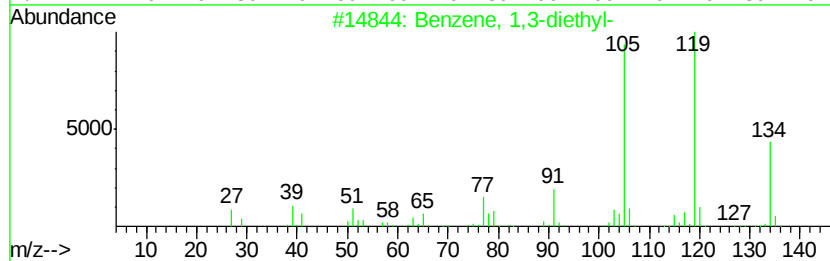
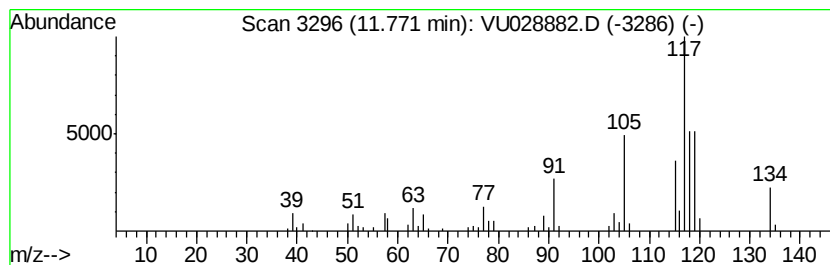
Instrument :
MSVOA_U
ClientSampleId :
BF024DL2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1,3-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.77	9.33 ug/L	83767	1,4-Dichlorobenzene-d4		11.48		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,	1,3-diethyl-		134	C10H14	000141-93-5	55
2	Benzene,	1,4-diethyl-		134	C10H14	000105-05-5	55
3	Benzene,	1,4-diethyl-		134	C10H14	000105-05-5	55
4	Benzene,	1,2-diethyl-		134	C10H14	000135-01-3	55
5	Benzene,	2-propenyl-		118	C9H10	000300-57-2	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU122118\
Data File : VU028882.D
Acq On : 21 Dec 2018 18:38
Operator : MD/SY
Sample : J6441-11DL2 100X
Misc : 5.90q/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF024DL2

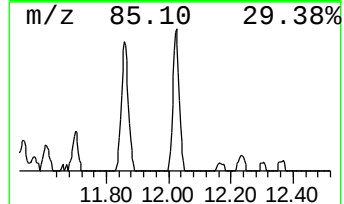
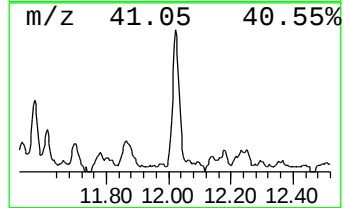
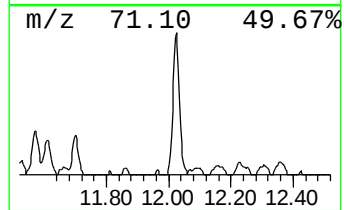
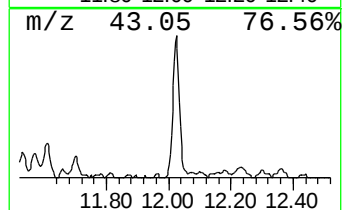
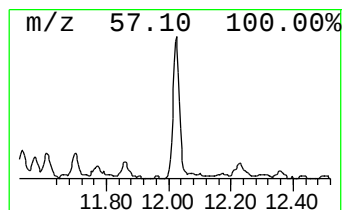
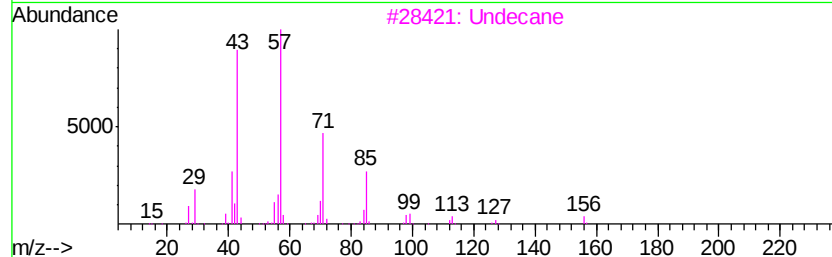
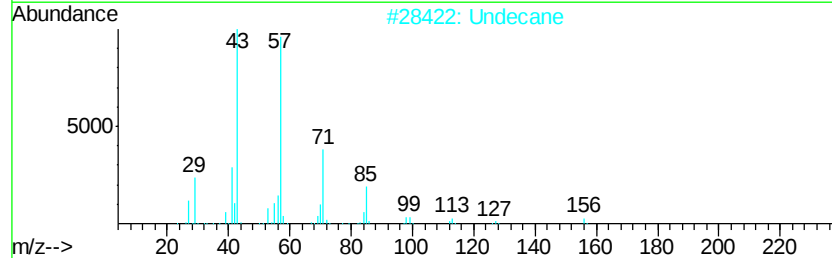
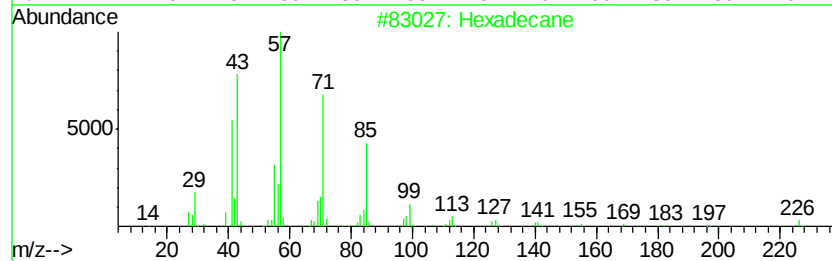
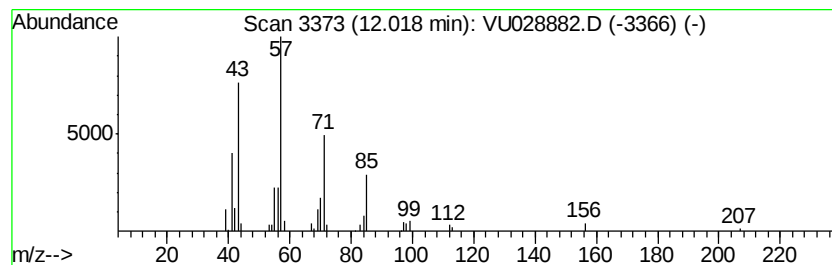
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	5.63 ug/L	50599	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Undecane	156	C11H24	001120-21-4	87
3		Undecane	156	C11H24	001120-21-4	83
4		Undecane	156	C11H24	001120-21-4	80
5		Nonane	128	C9H20	000111-84-2	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122118\
Data File : VU028882.D
Acq On : 21 Dec 2018 18:38
Operator : MD/SY
Sample : J6441-11DL2 100X
Misc : 5.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF024DL2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.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, propyl-	10.59	15.6	ug/L	140173	3	11.48	449124	50.0
Benzene, 1-ethyl-...	10.97	21.0	ug/L	188591	3	11.48	449124	50.0
Benzene, 1,2,3-tr...	11.15	68.9	ug/L	619014	3	11.48	449124	50.0
Benzene, 1,3-diet...	11.77	9.3	ug/L	83767	3	11.48	449124	50.0
(DEL) Alkane: Str...	12.02	5.6	ug/L	50599	3	11.48	449124	50.0