

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
 Data File : VU036595.D
 Acq On : 29 Jan 2020 16:11
 Operator : JC/MD
 Sample : L1271-04 40X
 Misc : 5.10µ/5.0mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GASZ5

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\SOMULM012920WMA.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	1.614	78	85	98	rBV	146122	154635	4.92%	0.890%
2	1.929	174	183	196	rBV	116425	151190	4.81%	0.871%
3	2.520	363	367	370	rBV	296	208	0.01%	0.001%
4	2.540	370	373	377	rBV	170	169	0.01%	0.001%
5	2.594	377	390	404	rBV	222615	359487	11.44%	2.070%
6	2.723	427	430	435	rVB2	350	361	0.01%	0.002%
7	2.790	448	451	454	rBV2	344	222	0.01%	0.001%
8	2.913	485	489	494	rBV2	245	235	0.01%	0.001%
9	2.961	501	504	508	rVB	217	158	0.01%	0.001%
10	3.083	533	542	551	rBV4	1579	2672	0.09%	0.015%
11	3.266	596	599	601	rBV	166	131	0.00%	0.001%
12	3.446	651	655	657	rBV	184	131	0.00%	0.001%
13	3.909	797	799	805	rVB	145	135	0.00%	0.001%
14	4.060	839	846	848	rBV	213	285	0.01%	0.002%
15	4.237	899	901	904	rBV	228	132	0.00%	0.001%
16	4.388	945	948	953	rBV2	170	174	0.01%	0.001%
17	4.678	1019	1038	1063	rBV	103089	241763	7.69%	1.392%
18	4.851	1090	1092	1095	rVB	283	158	0.01%	0.001%
19	5.112	1155	1173	1197	rBV	177495	383915	12.21%	2.211%
20	5.199	1197	1200	1204	rVB3	342	316	0.01%	0.002%
21	5.247	1212	1215	1220	rBV2	258	201	0.01%	0.001%
22	5.327	1236	1240	1241	rBV	335	152	0.00%	0.001%
23	5.414	1263	1267	1268	rBV2	229	166	0.01%	0.001%
24	5.768	1355	1377	1399	rBV2	403682	1034844	32.92%	5.959%
25	6.038	1455	1461	1464	rBV2	231	289	0.01%	0.002%
26	6.150	1492	1496	1497	rBV	335	176	0.01%	0.001%
27	6.160	1497	1499	1505	rVB2	360	247	0.01%	0.001%
28	6.289	1523	1539	1567	rBV	370209	684138	21.77%	3.939%
29	6.388	1567	1570	1574	rVV2	178	146	0.00%	0.001%
30	6.453	1587	1590	1594	rBV2	273	238	0.01%	0.001%
31	6.568	1617	1626	1632	rVB5	2175	3393	0.11%	0.020%
32	6.729	1661	1676	1696	rBV	236317	454242	14.45%	2.616%
33	6.851	1706	1714	1719	rVB3	625	811	0.03%	0.005%
34	7.121	1792	1798	1802	rBV	134	145	0.00%	0.001%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Title : VOC Analysis

35	7.218	1817	1828	1836	rBV3	1712	2673	0.09%	0.015%
36	7.520	1919	1922	1925	rBV2	220	195	0.01%	0.001%
37	7.597	1934	1946	1964	rBV	138865	241159	7.67%	1.389%
38	7.719	1976	1984	1992	rVB3	1791	2401	0.08%	0.014%
39	7.755	1992	1995	1998	rBV	199	187	0.01%	0.001%
40	7.819	2013	2015	2018	rBV2	186	141	0.00%	0.001%
41	7.928	2035	2049	2065	rBV	532975	905402	28.81%	5.213%
42	8.211	2124	2137	2152	rBV	95542	158749	5.05%	0.914%
43	8.395	2190	2194	2199	rBV2	168	190	0.01%	0.001%
44	8.665	2266	2278	2309	rBV	327236	580981	18.48%	3.345%
45	9.285	2465	2471	2474	rBV2	178	232	0.01%	0.001%
46	9.443	2506	2520	2556	rBV	493960	822997	26.18%	4.739%
47	9.594	2560	2567	2575	rVB2	959	1463	0.05%	0.008%
48	9.719	2596	2606	2616	rVV3	10055	15666	0.50%	0.090%
49	10.044	2703	2707	2712	rVB2	182	177	0.01%	0.001%
50	10.128	2722	2733	2746	rVB4	11768	21318	0.68%	0.123%
51	10.507	2848	2851	2855	rVB2	314	250	0.01%	0.001%
52	10.780	2921	2936	2955	rBV	341837	546394	17.38%	3.146%
53	10.870	2961	2964	2966	rBV	362	234	0.01%	0.001%
54	10.925	2975	2981	2991	rBV2	1246	1807	0.06%	0.010%
55	10.980	2994	2998	2999	rBV	354	259	0.01%	0.001%
56	11.018	3002	3010	3016	rBV2	8277	12144	0.39%	0.070%
57	11.108	3030	3038	3050	rVB2	13270	19683	0.63%	0.113%
58	11.211	3068	3070	3073	rBV2	281	161	0.01%	0.001%
59	11.314	3092	3102	3113	rBV5	3146	5394	0.17%	0.031%
60	11.411	3128	3132	3136	rVB	248	237	0.01%	0.001%
61	11.436	3136	3140	3143	rVB2	215	134	0.00%	0.001%
62	11.488	3143	3156	3169	rBV	34799	53646	1.71%	0.309%
63	11.559	3169	3178	3187	rVV2	13120	18915	0.60%	0.109%
64	11.610	3187	3194	3201	rVB3	3284	4339	0.14%	0.025%
65	11.745	3233	3236	3237	rBV	356	157	0.00%	0.001%
66	11.832	3249	3263	3279	rBV	508963	815270	25.94%	4.694%
67	11.915	3280	3289	3299	rVB	19910	30034	0.96%	0.173%
68	11.967	3299	3305	3313	rBV	2112	3149	0.10%	0.018%
69	12.112	3344	3350	3357	rBV3	7100	10630	0.34%	0.061%
70	12.211	3370	3381	3396	rVB	517231	844918	26.88%	4.865%
71	12.340	3414	3421	3431	rVB4	9960	16707	0.53%	0.096%

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Integration Parameters: LSCINT.P

Integrator: RTE
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72	12.401	3434	3440	3450	rVB6	2160	2735	0.09%	0.016%
73	12.485	3456	3466	3469	rBV2	5454	7618	0.24%	0.044%
74	12.559	3484	3489	3491	rBV4	3310	3218	0.10%	0.019%
75	12.587	3493	3498	3506	rVB	13174	17572	0.56%	0.101%
76	12.642	3507	3515	3524	rBV3	7766	13317	0.42%	0.077%
77	12.764	3544	3553	3565	rBV	32616	49054	1.56%	0.282%
78	12.825	3566	3572	3578	rBV4	5938	8269	0.26%	0.048%
79	12.989	3616	3623	3631	rVB	20499	28087	0.89%	0.162%
80	13.044	3631	3640	3654	rBV	41637	78163	2.49%	0.450%
81	13.166	3670	3678	3691	rVB6	17846	33611	1.07%	0.194%
82	13.311	3718	3723	3733	rVB3	12152	18058	0.57%	0.104%
83	13.465	3757	3771	3786	rVV5	66970	186006	5.92%	1.071%
84	13.539	3788	3794	3801	rVB4	12449	17363	0.55%	0.100%
85	13.600	3808	3813	3818	rBV2	16140	22065	0.70%	0.127%
86	13.645	3820	3827	3839	rVB	71480	119654	3.81%	0.689%
87	14.102	3961	3969	3989	rVB	179262	305931	9.73%	1.762%
88	14.462	4074	4081	4088	rBV	65740	87704	2.79%	0.505%
89	15.237	4310	4322	4335	rVB	2045906	3143171	100.00%	18.098%
90	15.423	4368	4380	4402	rVB	1334940	2121332	67.49%	12.215%
91	15.964	4540	4548	4558	rBV	65721	97523	3.10%	0.562%
92	16.160	4600	4609	4616	rBV	114447	172134	5.48%	0.991%
93	16.275	4633	4645	4669	rVB	491942	866296	27.56%	4.988%
94	16.420	4679	4690	4697	rBV	435263	700256	22.28%	4.032%
95	16.552	4724	4731	4742	rVB2	26333	42751	1.36%	0.246%
96	16.648	4745	4761	4784	rVB2	103605	277471	8.83%	1.598%
97	16.796	4798	4807	4824	rVB	50146	82244	2.62%	0.474%
98	16.893	4828	4837	4850	rBV	89298	146721	4.67%	0.845%
99	17.388	4985	4991	5009	rVB4	33151	72265	2.30%	0.416%
100	17.616	5056	5062	5071	rVB3	21436	32429	1.03%	0.187%

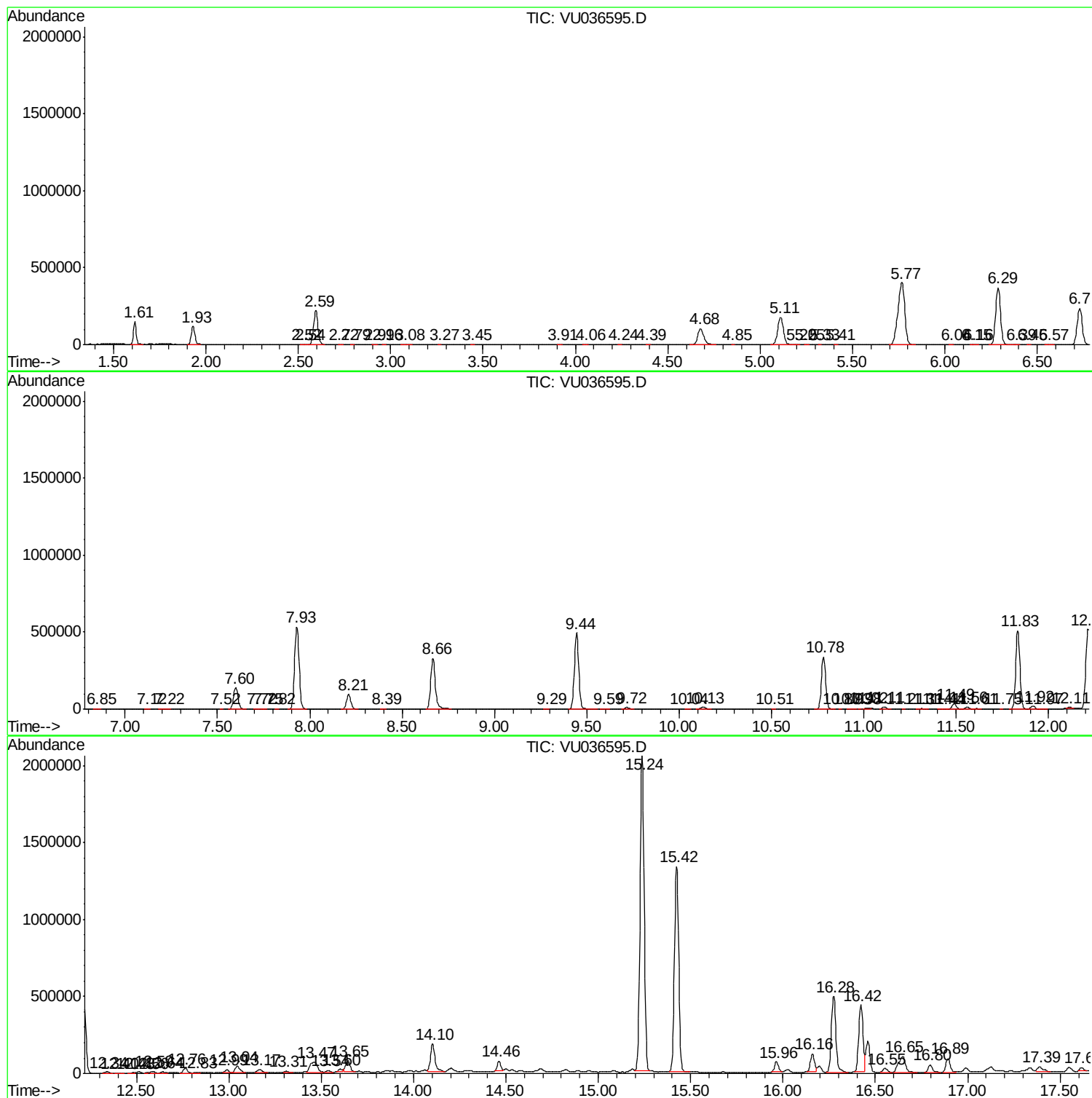
Sum of corrected areas: 17367076

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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



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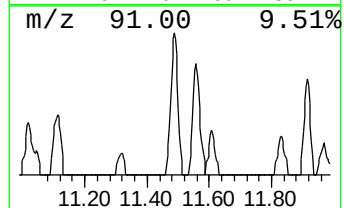
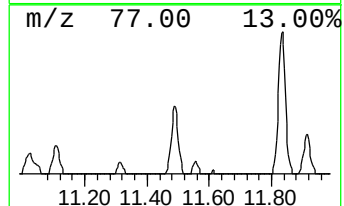
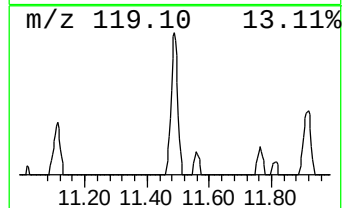
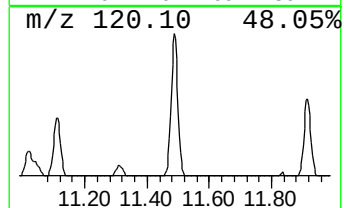
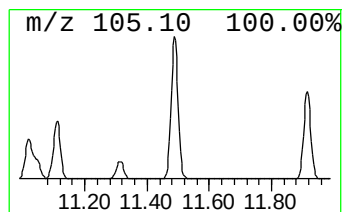
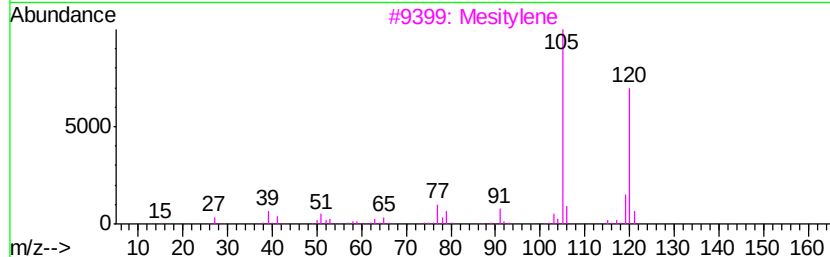
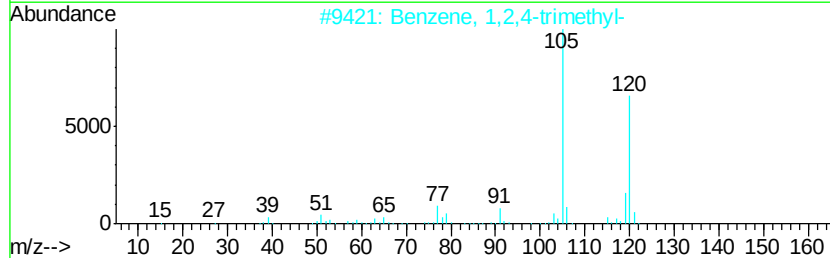
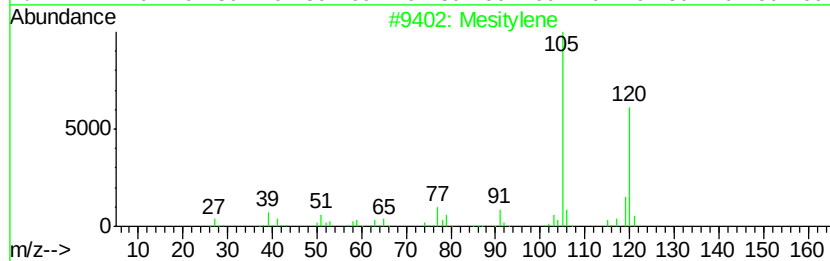
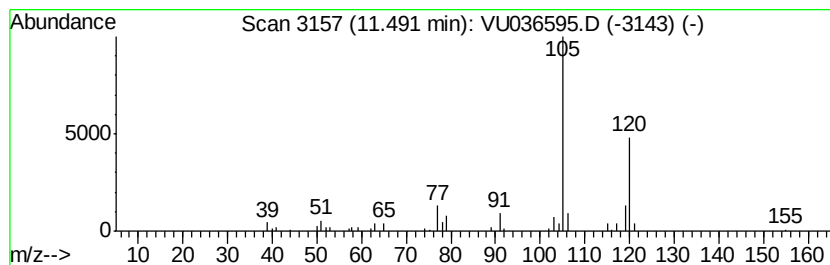
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Mesitylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	3.29 ug/L	53646	1,4-Dichlorobenzene-d4	11.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene		120	C9H12	000108-67-8	95
2	Benzene, 1,2,4-trimethyl-		120	C9H12	000095-63-6	95
3	Mesitylene		120	C9H12	000108-67-8	95
4	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	94
5	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	93



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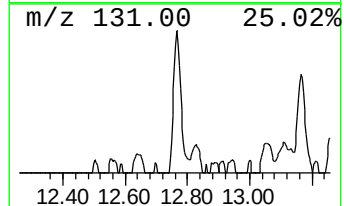
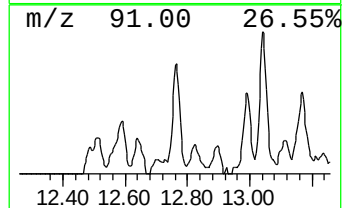
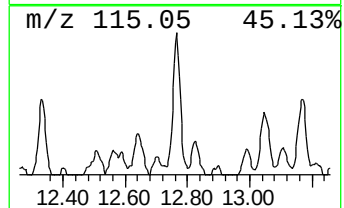
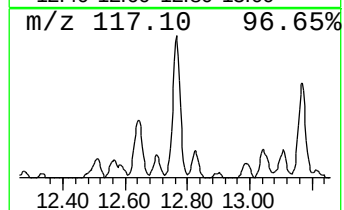
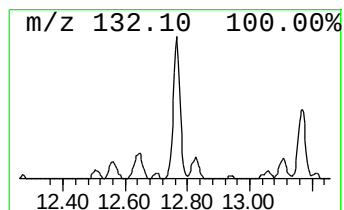
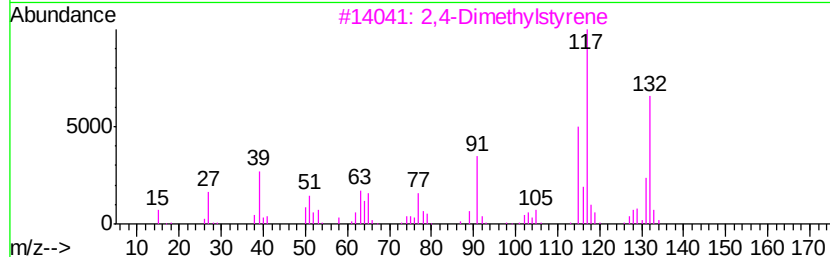
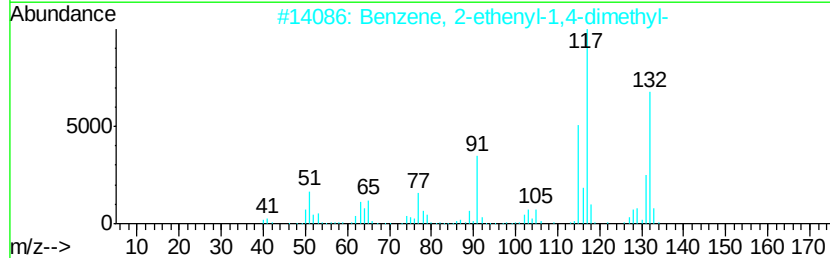
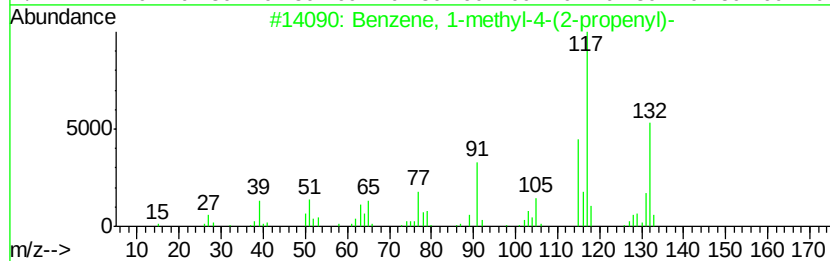
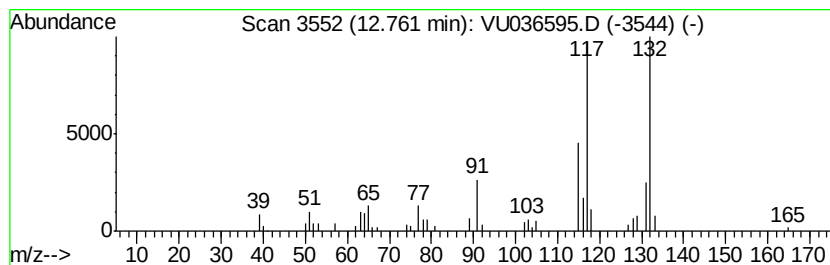
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Benzene, 1-methyl-4-(2-prop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	3.01 ug/L	49054	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	96
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
3		2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
4		(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	95
5		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95



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Instrument :
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ClientSampled :
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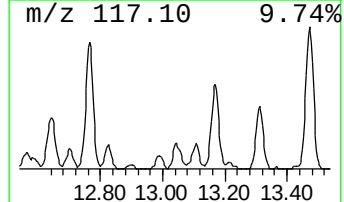
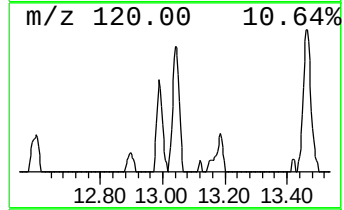
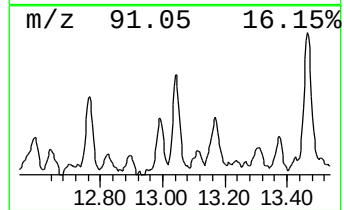
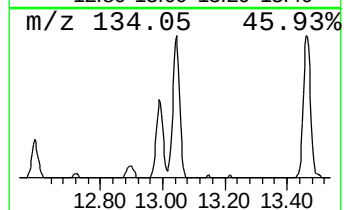
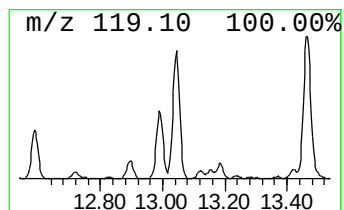
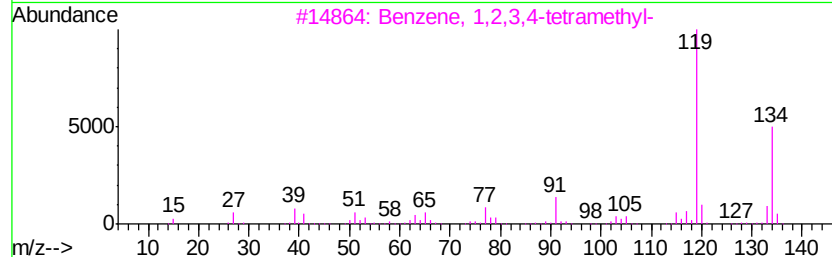
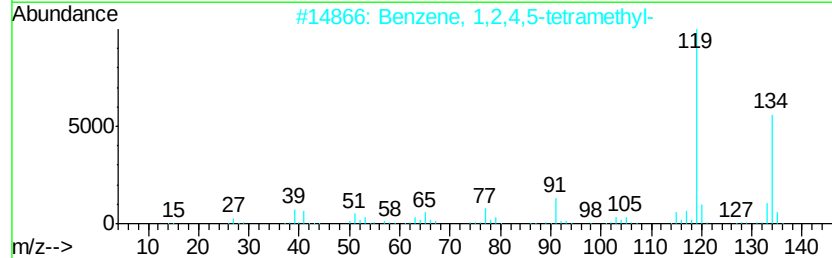
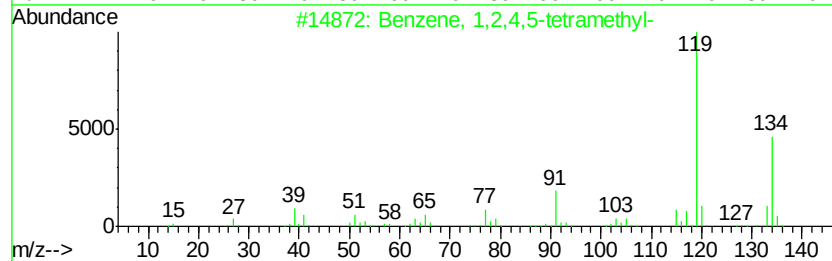
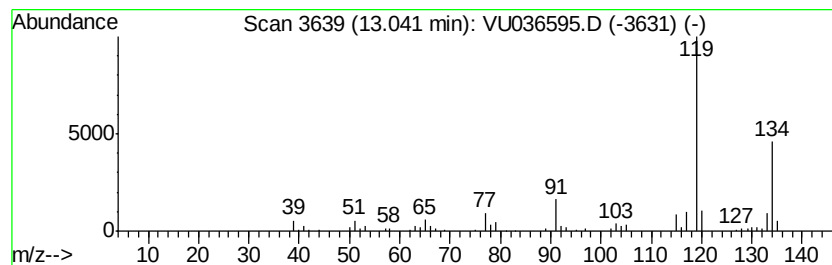
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Quant Title : VOC Analysis

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

Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	4.79 ug/L	78163	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036595.D
Acq On : 29 Jan 2020 16:11
Operator : JC/MD
Sample : L1271-04 40X
Misc : 5.10uL/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GASZ5

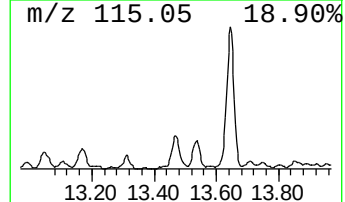
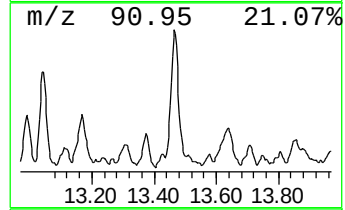
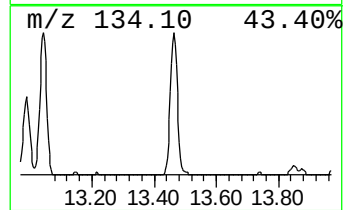
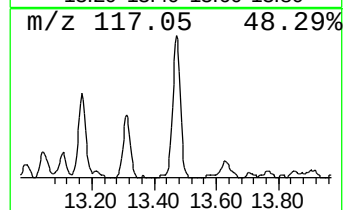
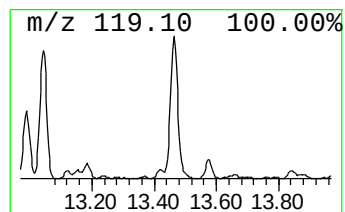
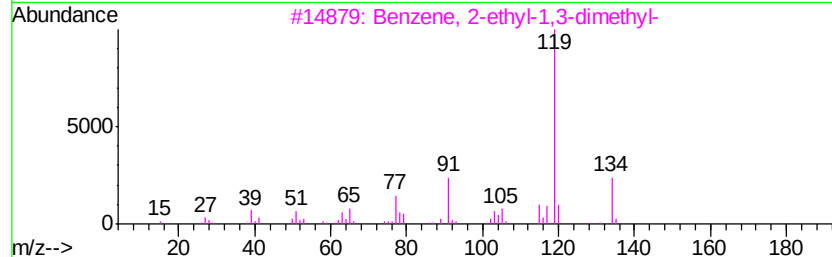
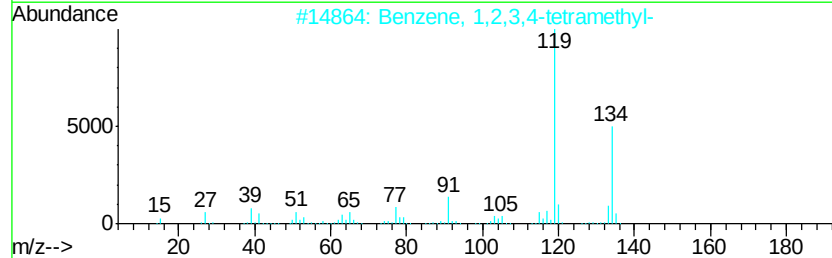
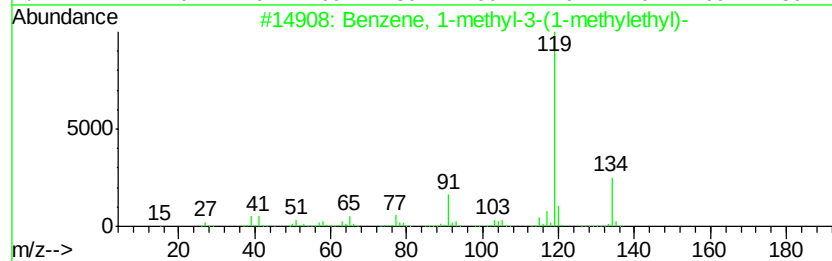
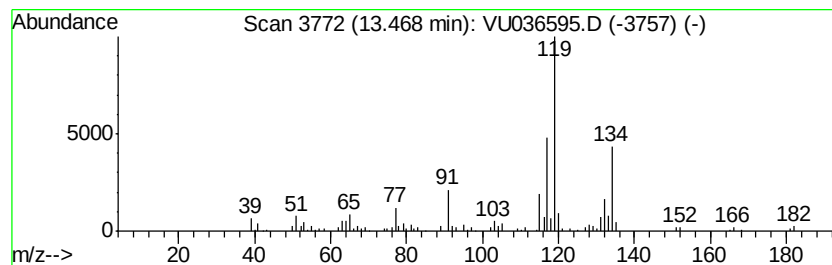
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Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1-methyl-3-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	11.41 ug/L	186006	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036595.D
Acq On : 29 Jan 2020 16:11
Operator : JC/MD
Sample : L1271-04 40X
Misc : 5.10uL/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

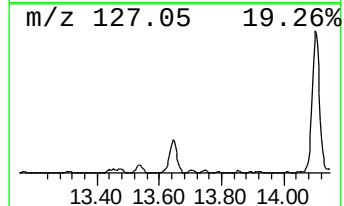
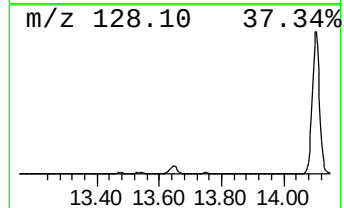
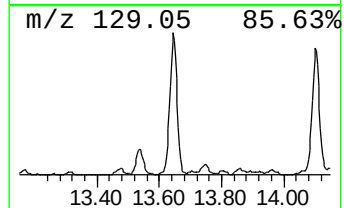
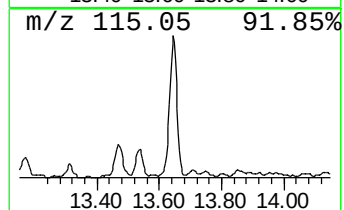
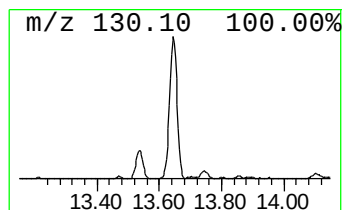
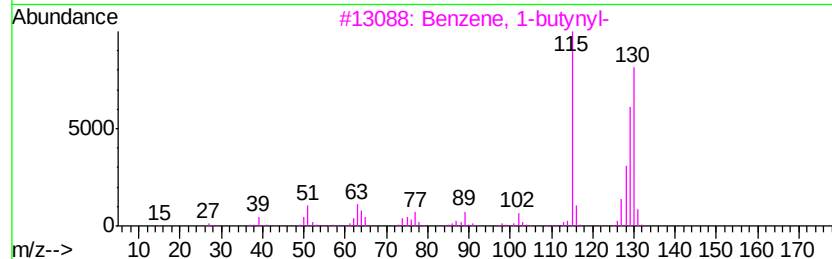
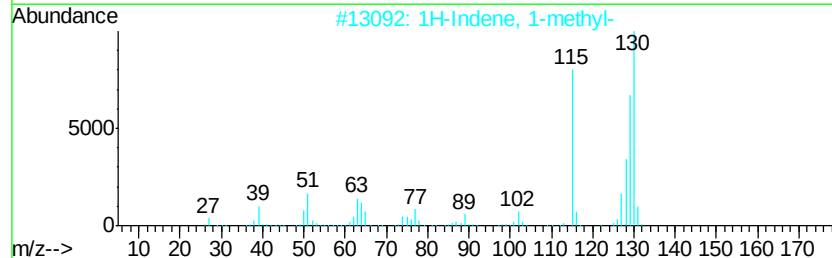
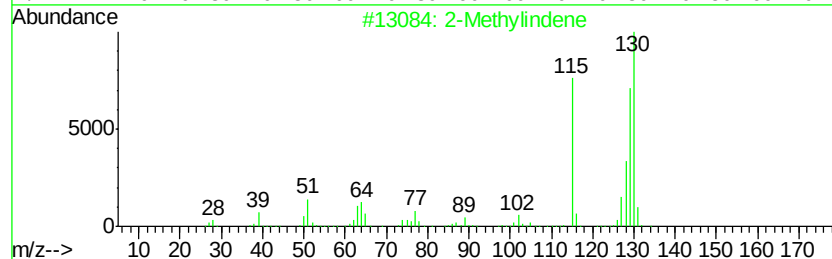
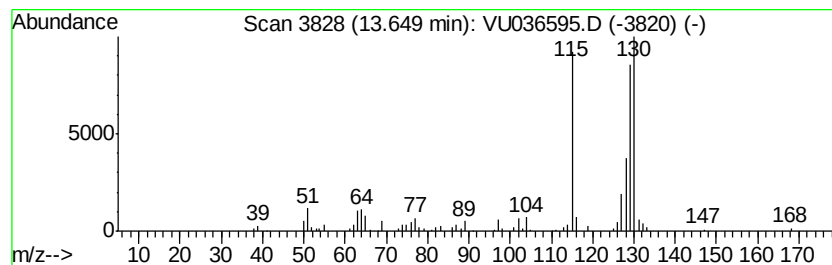
Instrument :
MSVOA_U
ClientSampleId :
GASZ5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

Peak Number 6 2-Methylindene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	7.34 ug/L	119654	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Methylindene	130 C10H10	002177-47-1	91
2	1H-Indene, 1-methyl-	130 C10H10	000767-59-9	91
3	Benzene, 1-butynyl-	130 C10H10	000622-76-4	91
4	Benzene, (1-methyl-2-cyclopropen...	130 C10H10	065051-83-4	87
5	1H-Indene, 3-methyl-	130 C10H10	000767-60-2	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036595.D
Acq On : 29 Jan 2020 16:11
Operator : JC/MD
Sample : L1271-04 40X
Misc : 5.10µ/5.0mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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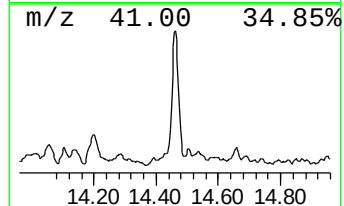
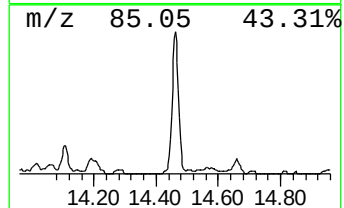
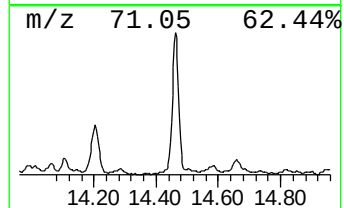
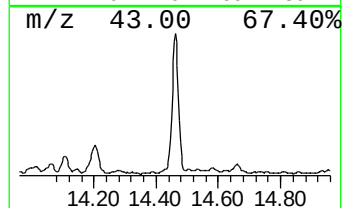
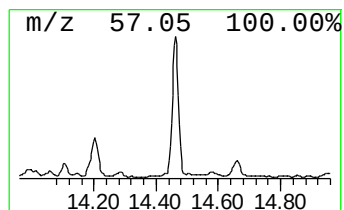
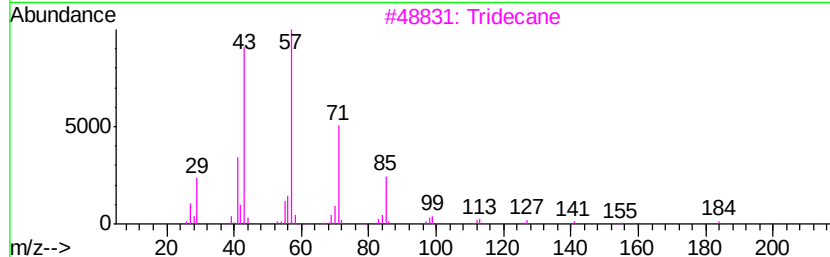
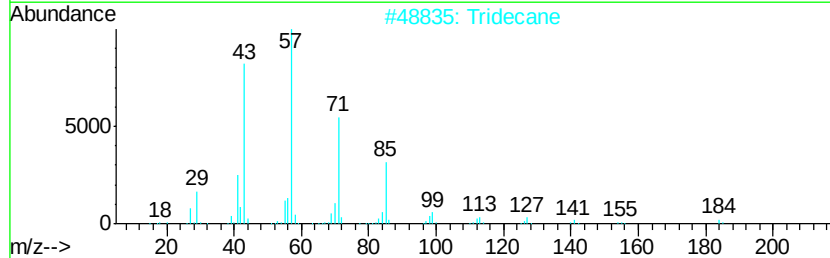
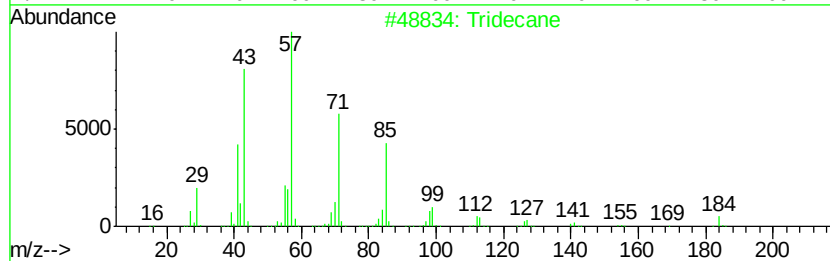
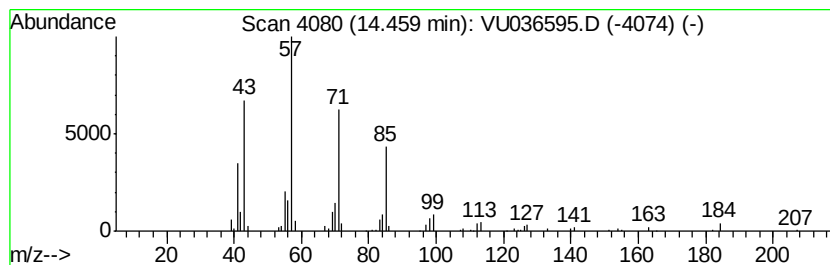
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	5.38 ug/L	87704	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	98
2		Tridecane	184	C13H28	000629-50-5	94
3		Tridecane	184	C13H28	000629-50-5	91
4		Hexadecane	226	C16H34	000544-76-3	91
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036595.D
Acq On : 29 Jan 2020 16:11
Operator : JC/MD
Sample : L1271-04 40X
Misc : 5.10uL/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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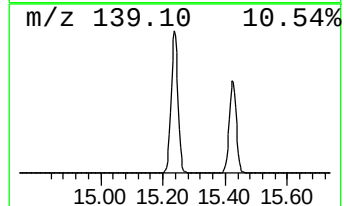
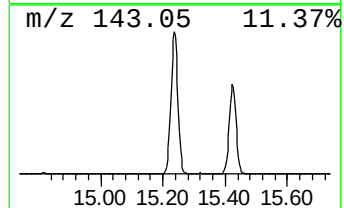
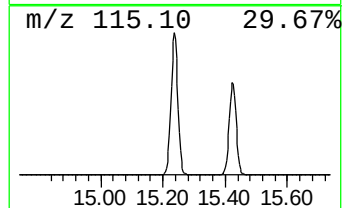
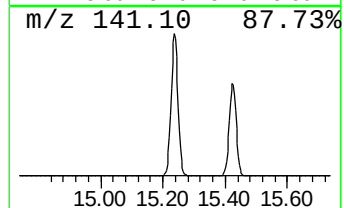
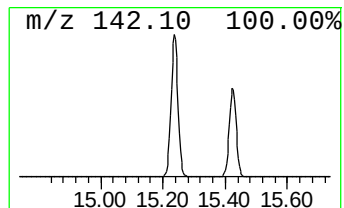
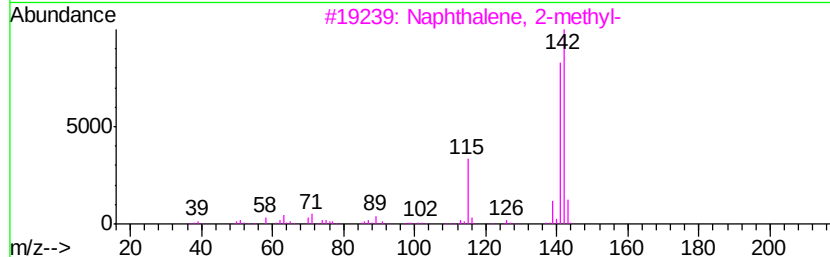
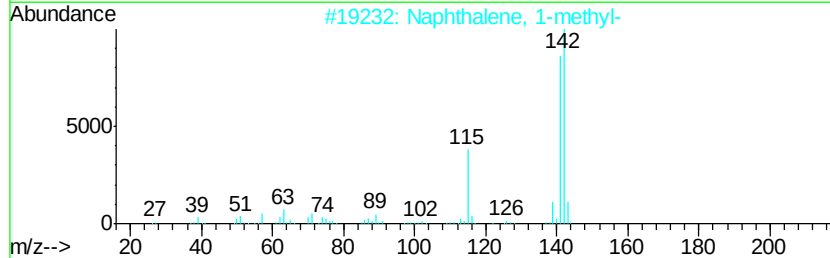
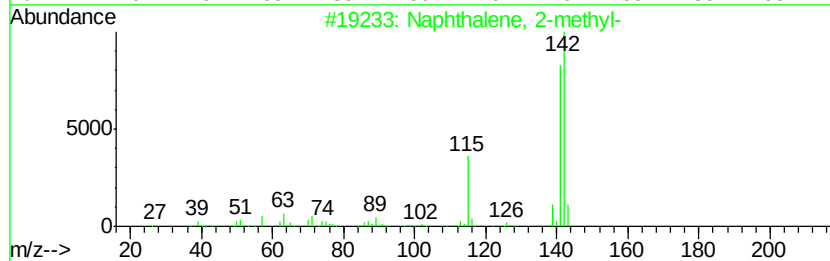
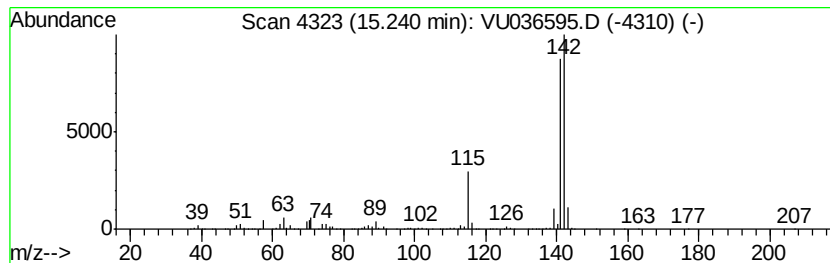
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Quant Title : VOC Analysis

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	192.77 ug/L	3143170	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036595.D
Acq On : 29 Jan 2020 16:11
Operator : JC/MD
Sample : L1271-04 40X
Misc : 5.10µ/5.0mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

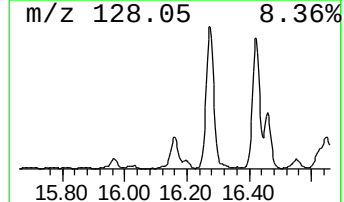
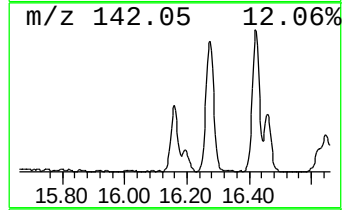
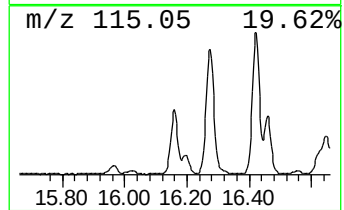
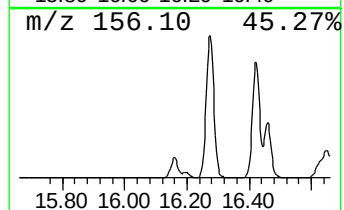
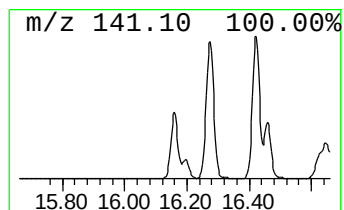
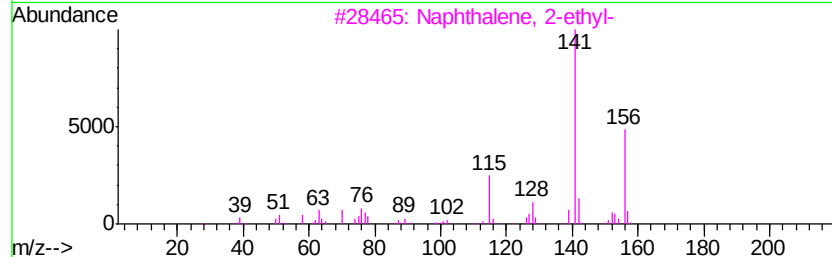
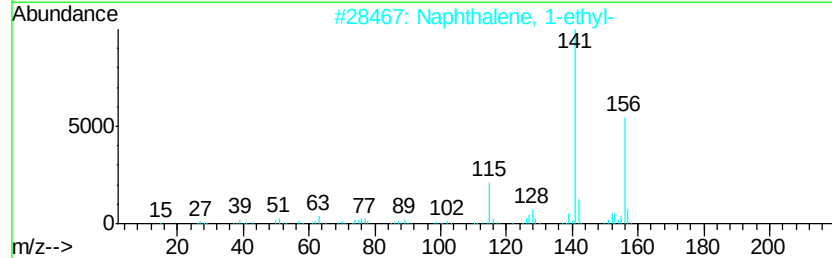
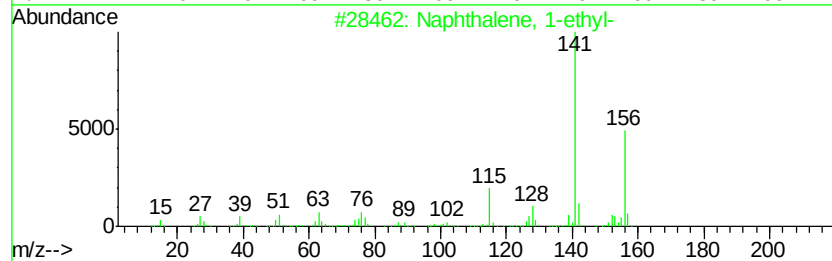
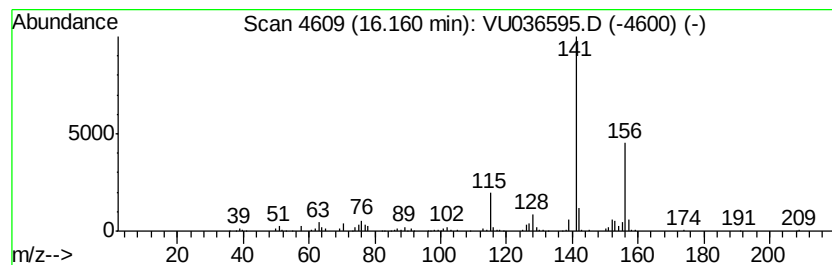
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Quant Title : VOC Analysis

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

Peak Number 12 Naphthalene, 1-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	10.56 ug/L	172134	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 97
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 97
3		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 96
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
5		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036595.D
Acq On : 29 Jan 2020 16:11
Operator : JC/MD
Sample : L1271-04 40X
Misc : 5.10µ/5.0mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

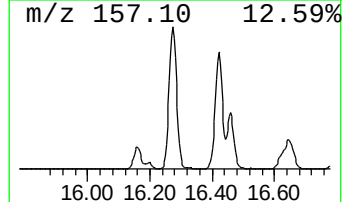
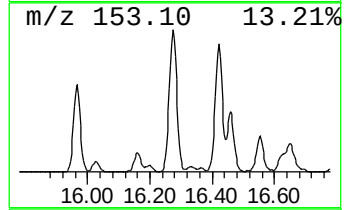
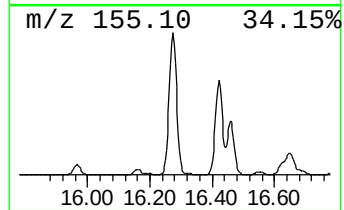
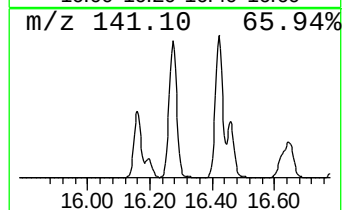
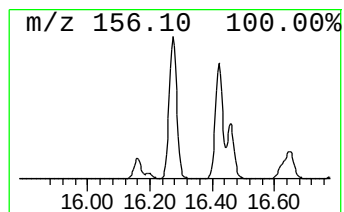
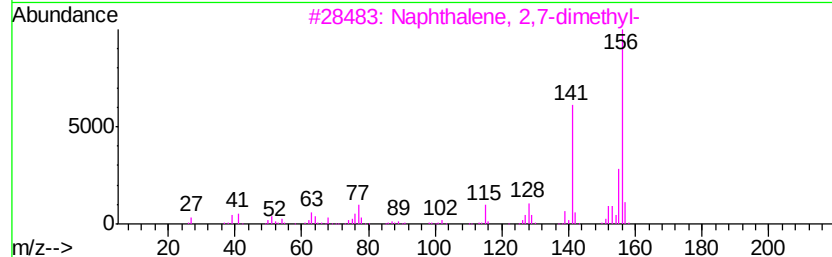
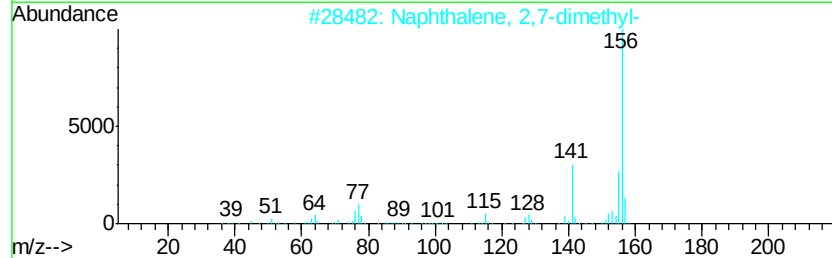
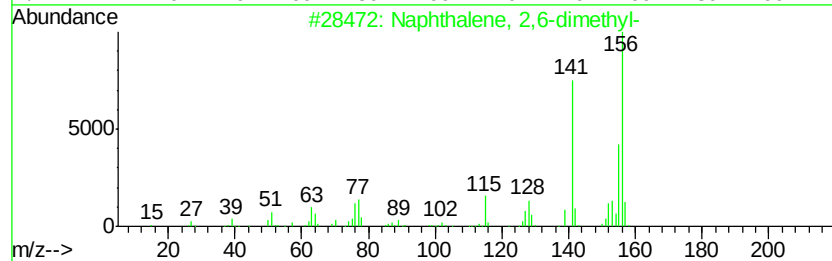
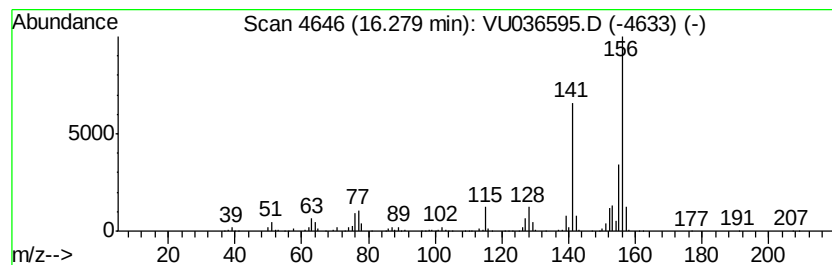
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	53.13 ug/L	866296	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036595.D
Acq On : 29 Jan 2020 16:11
Operator : JC/MD
Sample : L1271-04 40X
Misc : 5.10uL/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

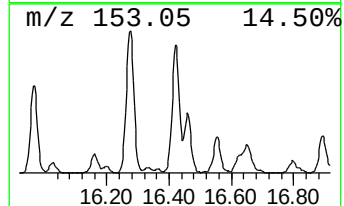
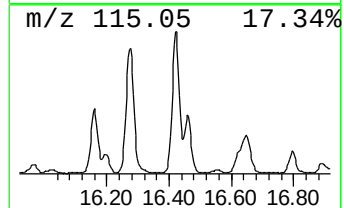
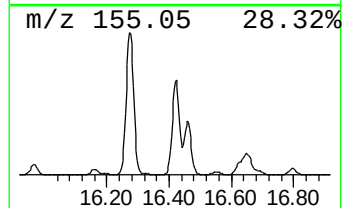
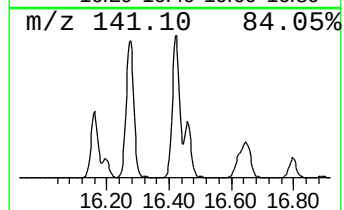
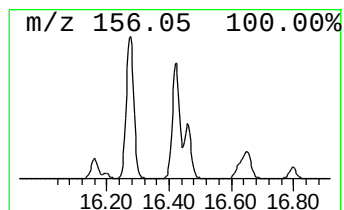
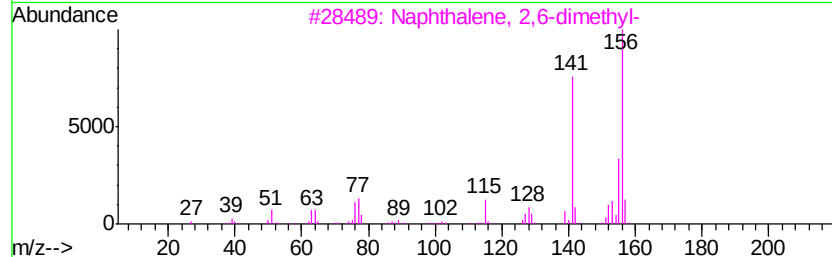
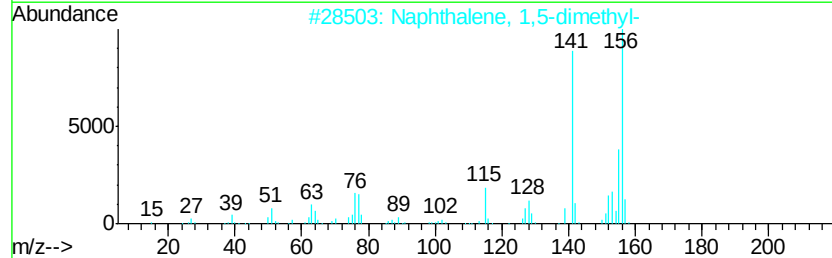
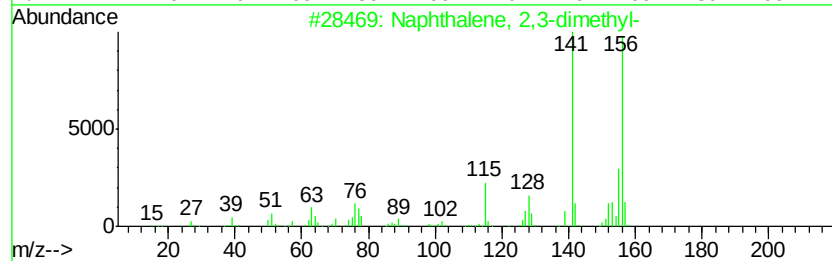
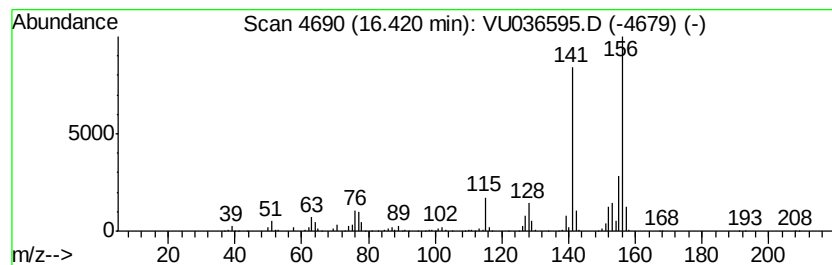
Instrument :
MSVOA_U
ClientSampleId :
GASZ5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	42.95 ug/L	700256	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 98
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036595.D
Acq On : 29 Jan 2020 16:11
Operator : JC/MD
Sample : L1271-04 40X
Misc : 5.10uL/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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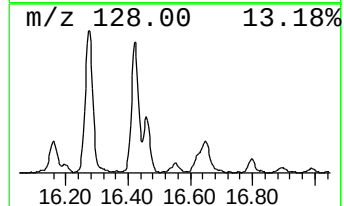
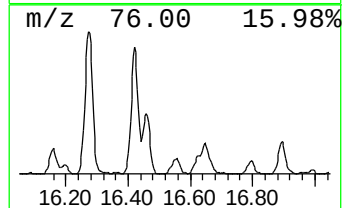
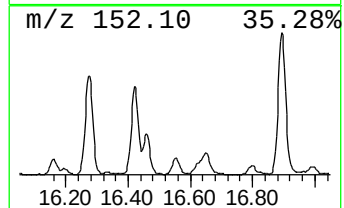
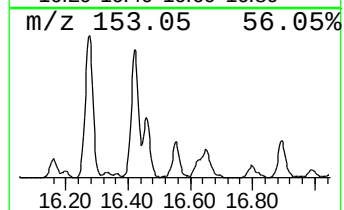
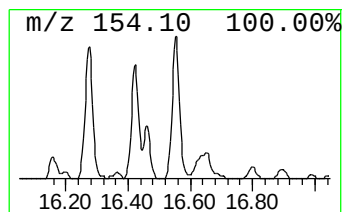
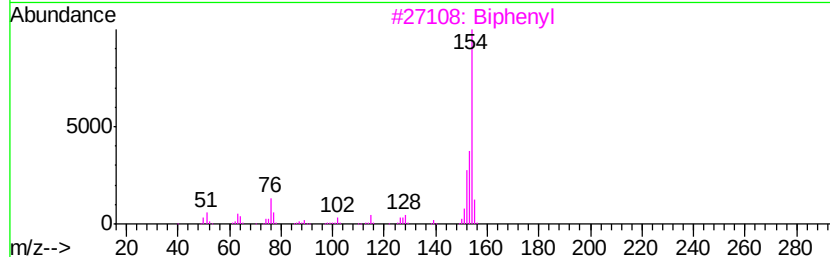
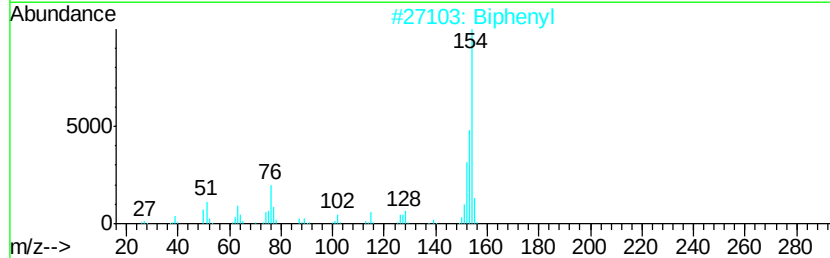
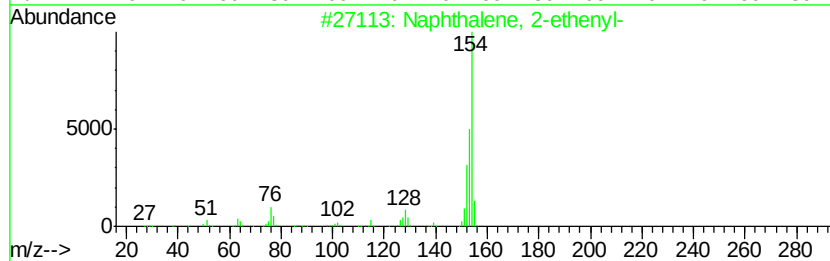
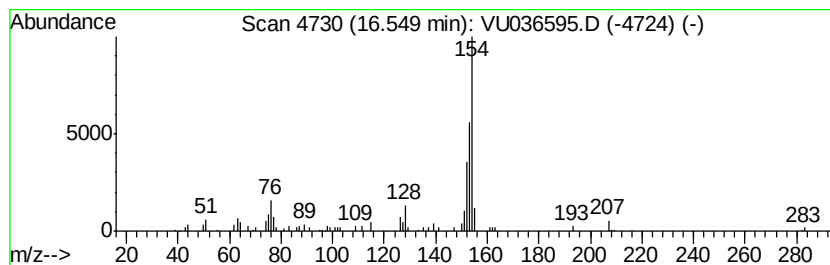
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Quant Title : VOC Analysis

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

Peak Number 15 Naphthalene, 2-ethenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	2.62 ug/L	42751	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	93
2		Biphenyl	154	C12H10	000092-52-4	87
3		Biphenyl	154	C12H10	000092-52-4	87
4		Acenaphthene	154	C12H10	000083-32-9	81
5		Biphenyl	154	C12H10	000092-52-4	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036595.D
Acq On : 29 Jan 2020 16:11
Operator : JC/MD
Sample : L1271-04 40X
Misc : 5.10µ/5.0mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
GASZ5

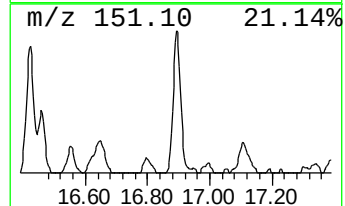
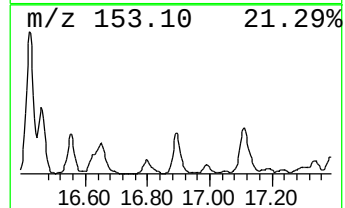
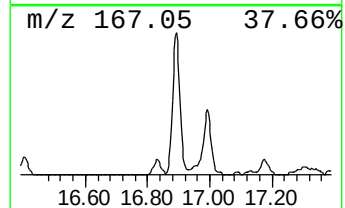
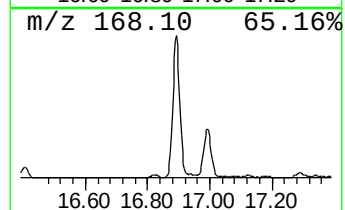
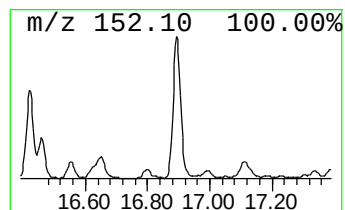
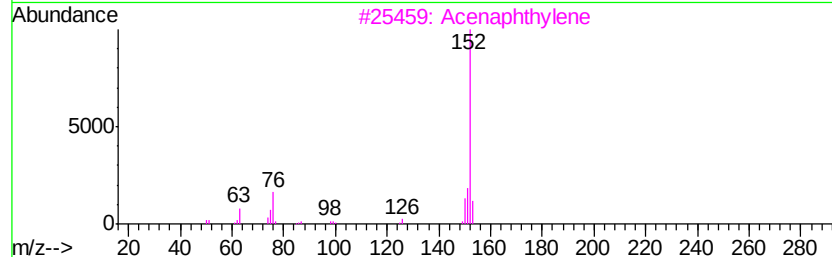
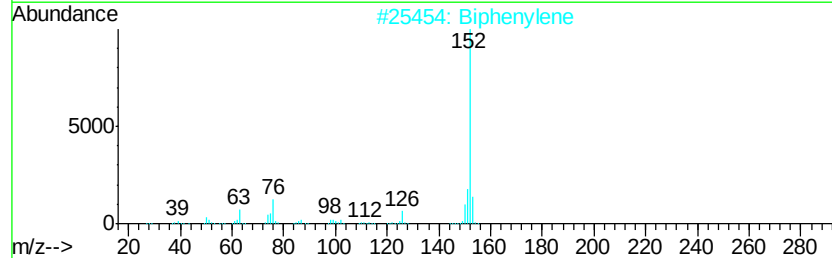
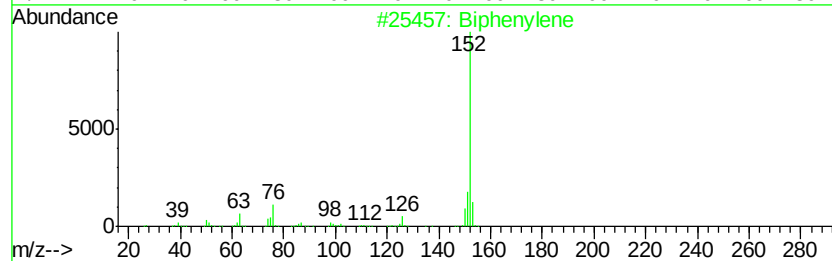
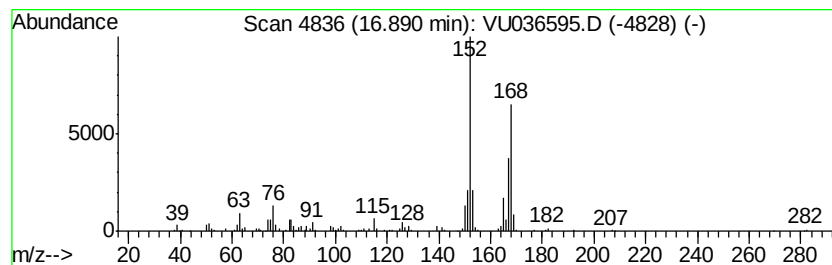
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Quant Title : VOC Analysis

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

Peak Number 18 Biphenylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	9.00 ug/L	146721	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenylene	152	C12H8	000259-79-0	60
2			Biphenylene	152	C12H8	000259-79-0	60
3			Acenaphthylene	152	C12H8	000208-96-8	55
4			Acenaphthylene	152	C12H8	000208-96-8	53
5			1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036595.D
Acq On : 29 Jan 2020 16:11
Operator : JC/MD
Sample : L1271-04 40X
Misc : 5.10µ/5.0mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GASZ5

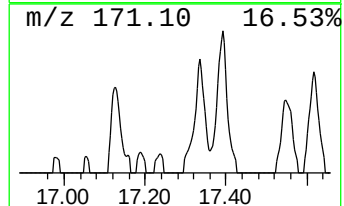
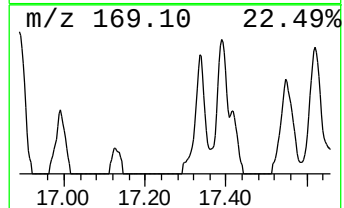
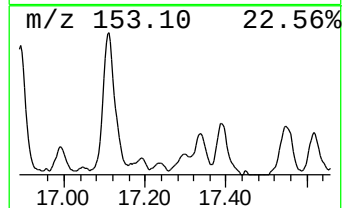
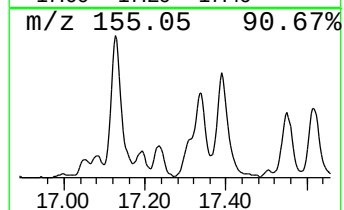
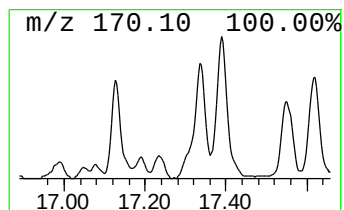
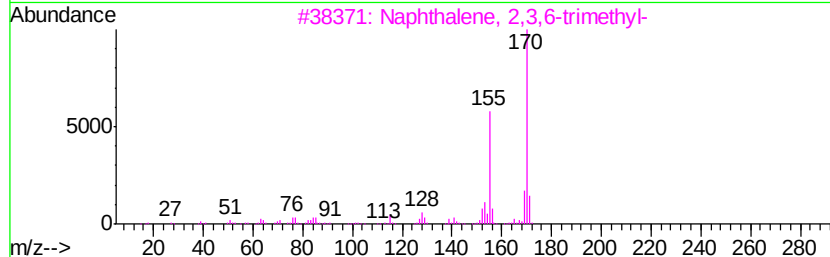
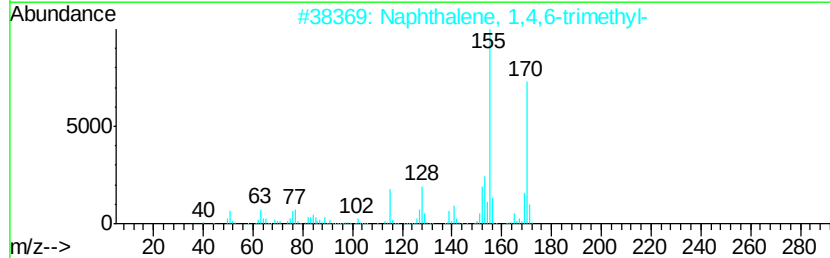
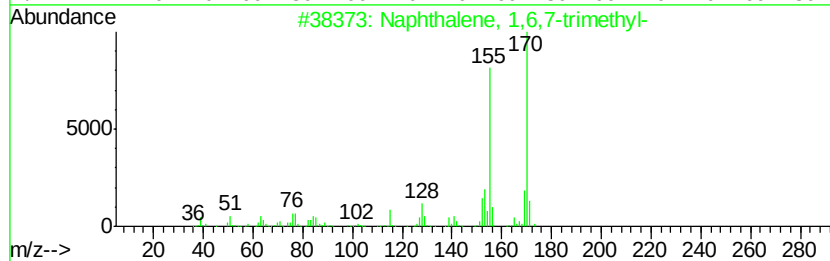
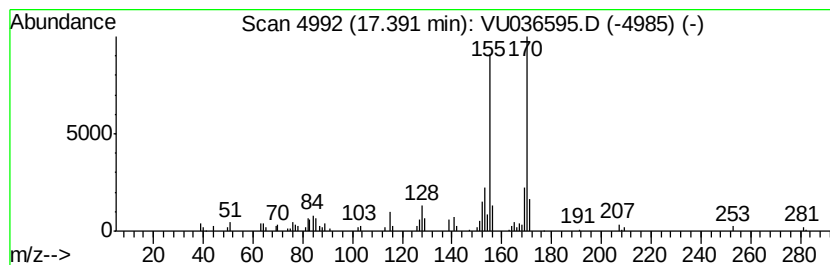
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

Peak Number 19 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	4.43 ug/L	72265	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
 Data File : VU036595.D
 Acq On : 29 Jan 2020 16:11
 Operator : JC/MD
 Sample : L1271-04 40X
 Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GASZ5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.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
Mesitylene	11.49	3.3	ug/L	53646	3	11.83	815270	50.0
Benzene, 1-methyl...	12.76	3.0	ug/L	49054	3	11.83	815270	50.0
Benzene, 1,2,4,5-...	13.04	4.8	ug/L	78163	3	11.83	815270	50.0
Benzene, 1-methyl...	13.47	11.4	ug/L	186006	3	11.83	815270	50.0
2-Methylindene	13.65	7.3	ug/L	119654	3	11.83	815270	50.0
(DEL) Alkane: Str...	14.46	5.4	ug/L	87704	3	11.83	815270	50.0
Naphthalene, 1-me...	15.24	192.8	ug/L	3143170	3	11.83	815270	50.0
Naphthalene, 1-et...	16.16	10.6	ug/L	172134	3	11.83	815270	50.0
Naphthalene, 2,6-...	16.28	53.1	ug/L	866296	3	11.83	815270	50.0
Naphthalene, 2,3-...	16.42	43.0	ug/L	700256	3	11.83	815270	50.0
Naphthalene, 2-et...	16.55	2.6	ug/L	42751	3	11.83	815270	50.0
Biphenylene	16.89	9.0	ug/L	146721	3	11.83	815270	50.0
Naphthalene, 1,6,...	17.39	4.4	ug/L	72265	3	11.83	815270	50.0