

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
 Data File : VU036591.D
 Acq On : 29 Jan 2020 14:16
 Operator : JC/MD
 Sample : VIBLK21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK21

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	1.613	78	85	101	rBV	149963	158280	15.19%	1.608%
2	1.932	175	184	199	rVB	120198	154130	14.79%	1.566%
3	2.543	371	374	377	rBV2	307	176	0.02%	0.002%
4	2.594	377	390	407	rBV	225311	366763	35.19%	3.726%
5	2.726	428	431	434	rBV2	316	236	0.02%	0.002%
6	2.771	442	445	450	rVB	280	170	0.02%	0.002%
7	2.822	457	461	467	rVB2	354	350	0.03%	0.004%
8	3.080	534	541	551	rBV3	1503	2321	0.22%	0.024%
9	3.227	584	587	592	rVB2	356	359	0.03%	0.004%
10	3.301	608	610	616	rBV2	187	136	0.01%	0.001%
11	3.639	712	715	717	rBV	155	131	0.01%	0.001%
12	3.658	717	721	723	rVV	154	139	0.01%	0.001%
13	3.864	780	785	791	rBV	121	129	0.01%	0.001%
14	3.973	815	819	824	rVB	186	132	0.01%	0.001%
15	4.272	909	912	914	rBV	142	126	0.01%	0.001%
16	4.678	1023	1038	1071	rBV	102699	244151	23.42%	2.480%
17	4.915	1110	1112	1120	rVB2	211	164	0.02%	0.002%
18	5.112	1154	1173	1192	rBV	175761	385393	36.97%	3.915%
19	5.266	1217	1221	1225	rBV2	179	176	0.02%	0.002%
20	5.327	1236	1240	1242	rBV2	409	392	0.04%	0.004%
21	5.420	1262	1269	1273	rVB2	419	547	0.05%	0.006%
22	5.671	1344	1347	1349	rBV	138	119	0.01%	0.001%
23	5.768	1353	1377	1398	rBV2	403806	1042338	100.00%	10.588%
24	5.906	1416	1420	1421	rBV	349	225	0.02%	0.002%
25	5.996	1444	1448	1450	rBV2	216	142	0.01%	0.001%
26	6.079	1470	1474	1479	rBV	203	240	0.02%	0.002%
27	6.153	1492	1497	1501	rBV2	272	286	0.03%	0.003%
28	6.288	1523	1539	1570	rBV	358826	669420	64.22%	6.800%
29	6.427	1578	1582	1585	rBV	181	183	0.02%	0.002%
30	6.565	1617	1625	1634	rBV3	1745	2862	0.27%	0.029%
31	6.729	1661	1676	1693	rBV	237335	458528	43.99%	4.658%
32	6.841	1709	1711	1712	rBV	590	294	0.03%	0.003%
33	6.919	1732	1735	1741	rBV2	178	260	0.02%	0.003%
34	7.018	1763	1766	1769	rBV2	200	163	0.02%	0.002%

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 Title : VOC Analysis

35	7.218	1821	1828	1840	rVB4	1662	2600	0.25%	0.026%
36	7.600	1933	1947	1968	rBV	136818	241627	23.18%	2.454%
37	7.671	1968	1969	1973	rVB	385	154	0.01%	0.002%
38	7.713	1975	1982	1989	rBV5	1242	1744	0.17%	0.018%
39	7.780	2000	2003	2005	rVB2	277	177	0.02%	0.002%
40	7.816	2011	2014	2017	rBV2	253	200	0.02%	0.002%
41	7.928	2035	2049	2065	rBV	526904	911313	87.43%	9.257%
42	8.211	2125	2137	2154	rBV	95408	159067	15.26%	1.616%
43	8.366	2182	2185	2187	rVB	285	131	0.01%	0.001%
44	8.668	2265	2279	2323	rBV	306504	571940	54.87%	5.810%
45	9.443	2507	2520	2560	rVB	471665	795157	76.29%	8.077%
46	9.594	2560	2567	2577	rVB3	641	1067	0.10%	0.011%
47	9.719	2597	2606	2616	rBV3	4508	6730	0.65%	0.068%
48	9.828	2637	2640	2643	rBV	170	121	0.01%	0.001%
49	10.054	2708	2710	2714	rBV	157	150	0.01%	0.002%
50	10.127	2724	2733	2740	rVB4	1512	2246	0.22%	0.023%
51	10.288	2781	2783	2787	rBV	168	139	0.01%	0.001%
52	10.504	2847	2850	2854	rBV	183	151	0.01%	0.002%
53	10.780	2923	2936	2954	rBV	337174	548737	52.64%	5.574%
54	10.922	2977	2980	2981	rBV	529	278	0.03%	0.003%
55	10.947	2984	2988	2989	rBV2	246	153	0.01%	0.002%
56	10.996	2999	3003	3005	rVB2	451	304	0.03%	0.003%
57	11.076	3025	3028	3031	rVB3	434	245	0.02%	0.002%
58	11.108	3034	3038	3043	rVB4	928	920	0.09%	0.009%
59	11.172	3053	3058	3064	rVB4	600	729	0.07%	0.007%
60	11.230	3073	3076	3081	rVB2	278	149	0.01%	0.002%
61	11.488	3149	3156	3166	rVB	2768	3690	0.35%	0.037%
62	11.832	3250	3263	3281	rVB	451368	728476	69.89%	7.400%
63	11.915	3283	3289	3290	rBV2	617	443	0.04%	0.004%
64	11.957	3298	3302	3304	rBV2	298	232	0.02%	0.002%
65	12.214	3370	3382	3398	rVB	479670	785628	75.37%	7.980%
66	12.459	3456	3458	3460	rBV	298	119	0.01%	0.001%
67	12.536	3480	3482	3484	rVB	361	153	0.01%	0.002%
68	12.558	3484	3489	3492	rBV3	343	319	0.03%	0.003%
69	12.581	3492	3496	3498	rBV3	732	622	0.06%	0.006%
70	12.613	3503	3506	3508	rBV2	555	361	0.03%	0.004%
71	12.992	3622	3624	3627	rVB2	398	129	0.01%	0.001%

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72	13.070	3644	3648	3651	rBV4	465	470	0.05%	0.005%
73	13.211	3690	3692	3693	rBV	461	200	0.02%	0.002%
74	13.446	3762	3765	3766	rBV2	1138	653	0.06%	0.007%
75	13.613	3814	3817	3823	rVB2	229	216	0.02%	0.002%
76	13.648	3823	3828	3833	rBV3	920	903	0.09%	0.009%
77	13.754	3859	3861	3864	rBV2	323	178	0.02%	0.002%
78	13.774	3864	3867	3869	rVV2	216	127	0.01%	0.001%
79	13.815	3878	3880	3884	rBV	230	170	0.02%	0.002%
80	13.835	3884	3886	3889	rVB	363	207	0.02%	0.002%
81	13.857	3889	3893	3897	rBV3	771	791	0.08%	0.008%
82	13.963	3924	3926	3929	rVB2	423	253	0.02%	0.003%
83	13.992	3929	3935	3939	rBV4	604	716	0.07%	0.007%
84	14.105	3958	3970	3985	rBV	109015	175705	16.86%	1.785%
85	14.327	4037	4039	4041	rBV2	251	125	0.01%	0.001%
86	14.372	4049	4053	4060	rBV5	639	725	0.07%	0.007%
87	14.799	4183	4186	4189	rVB2	346	208	0.02%	0.002%
88	14.867	4204	4207	4208	rBV	466	242	0.02%	0.002%
89	15.237	4311	4322	4334	rBV	255377	402881	38.65%	4.092%
90	15.346	4353	4356	4359	rBV4	958	836	0.08%	0.008%
91	15.426	4370	4381	4393	rVB	97004	153675	14.74%	1.561%
92	15.616	4439	4440	4443	rBV2	644	316	0.03%	0.003%
93	15.966	4540	4549	4559	rBV2	28743	43421	4.17%	0.441%
94	16.159	4601	4609	4617	rBV	26538	41436	3.98%	0.421%
95	16.275	4633	4645	4671	rVB	161042	279242	26.79%	2.836%
96	16.423	4680	4691	4697	rBV	139965	224489	21.54%	2.280%
97	16.648	4746	4761	4780	rVB	50420	117508	11.27%	1.194%
98	16.796	4800	4807	4816	rBV	24297	36040	3.46%	0.366%
99	16.892	4828	4837	4849	rBV	44683	71251	6.84%	0.724%
100	16.992	4861	4868	4878	rVB3	23716	35778	3.43%	0.363%

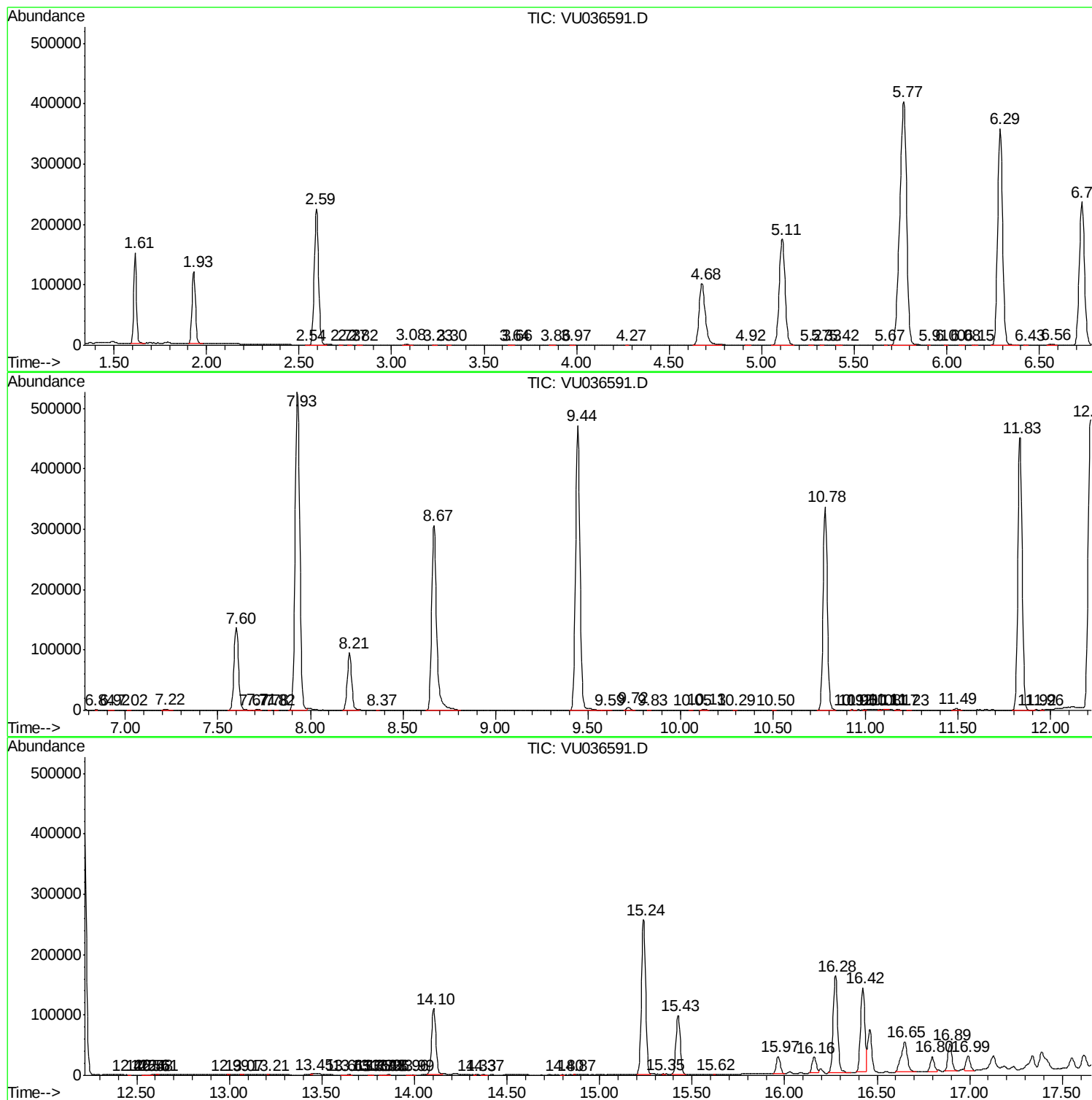
Sum of corrected areas: 9844624

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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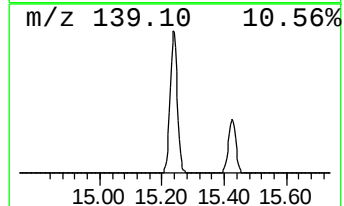
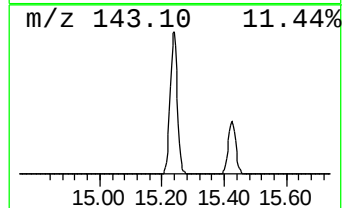
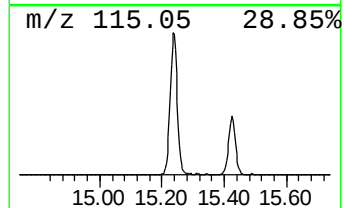
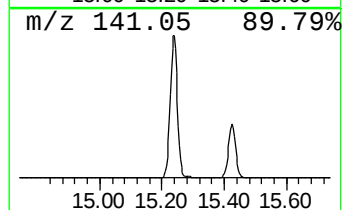
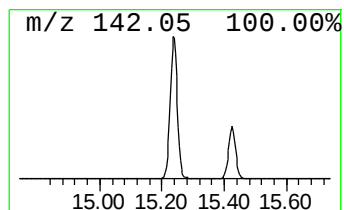
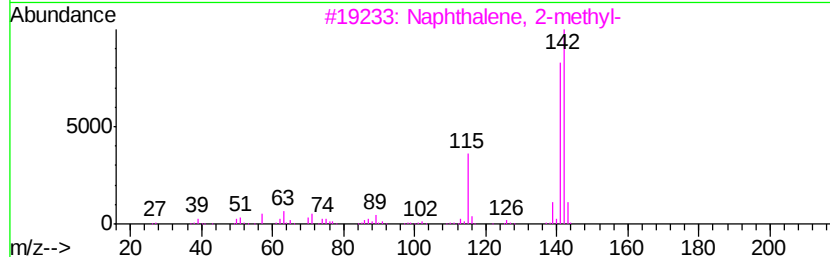
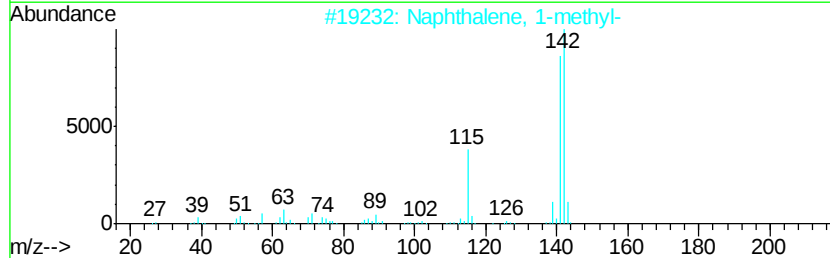
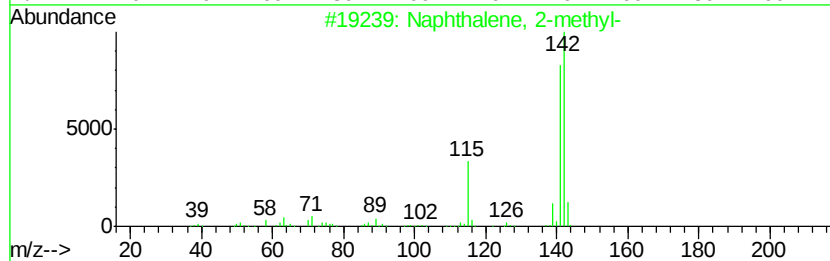
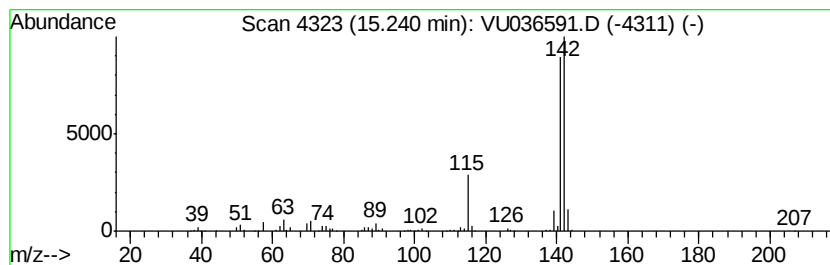
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	27.65 ug/L	402881	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



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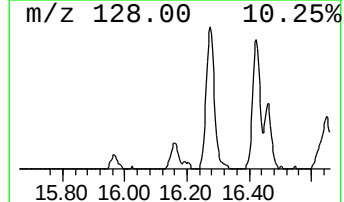
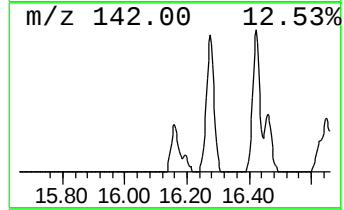
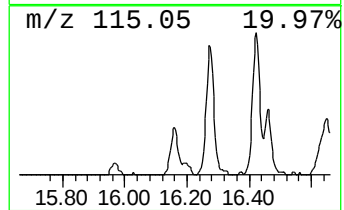
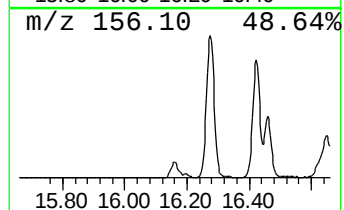
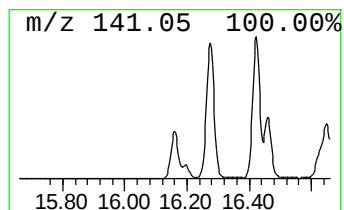
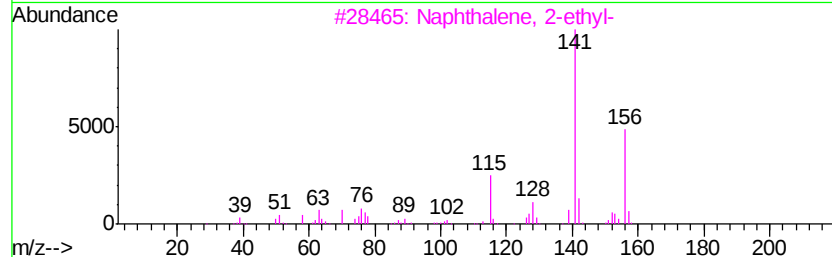
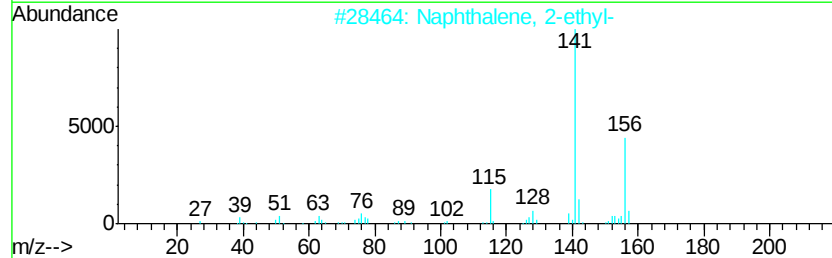
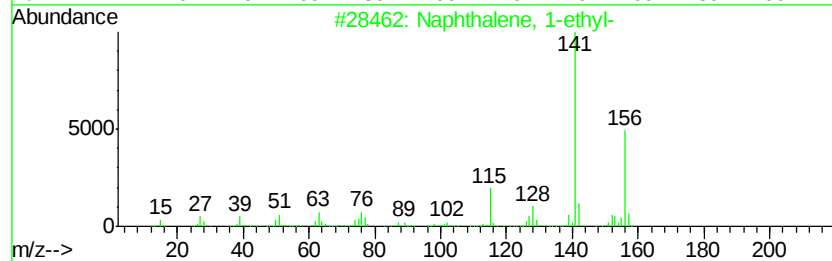
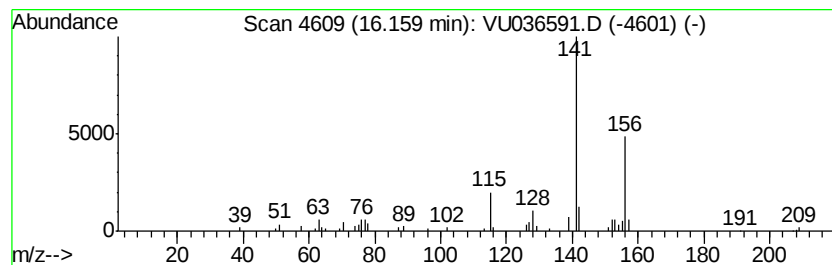
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 1-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	2.84 ug/L	41436	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
3		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
4		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
5		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94



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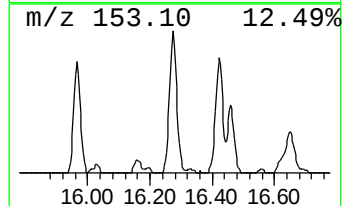
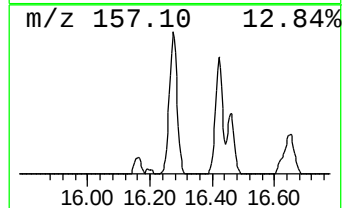
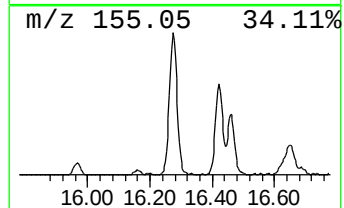
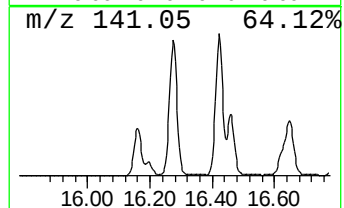
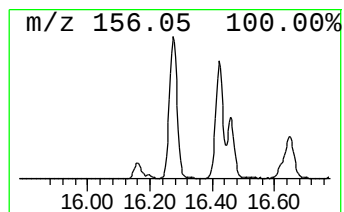
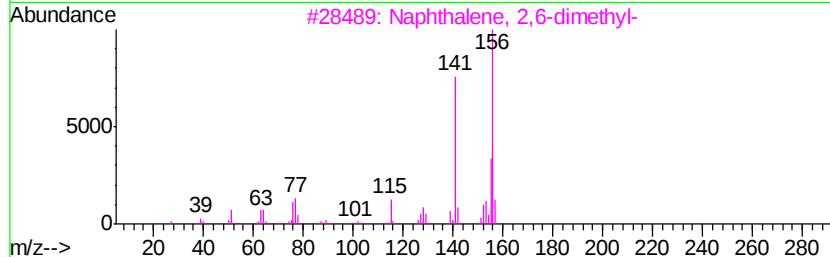
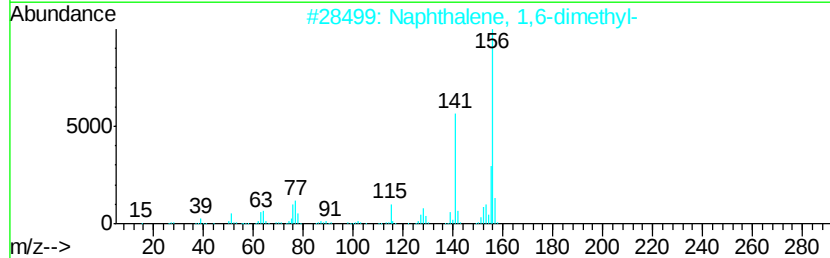
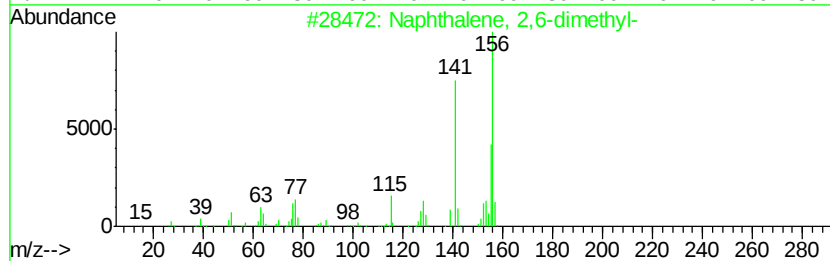
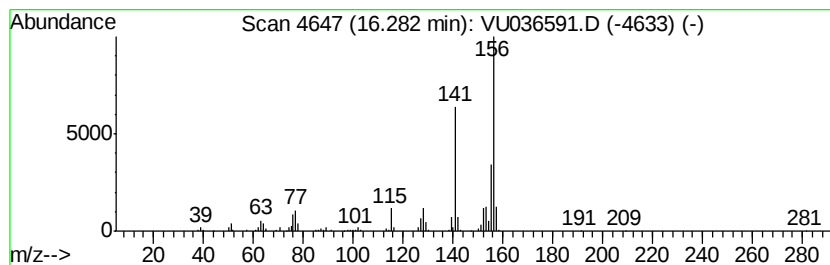
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.28	19.17 ug/L	279242	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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036591.D
Acq On : 29 Jan 2020 14:16
Operator : JC/MD
Sample : VIBLK21
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK21

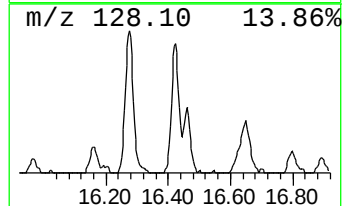
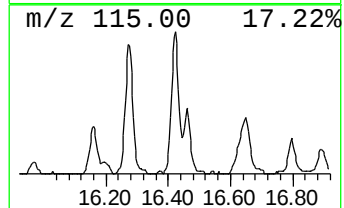
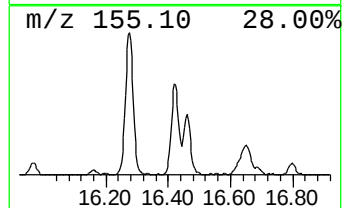
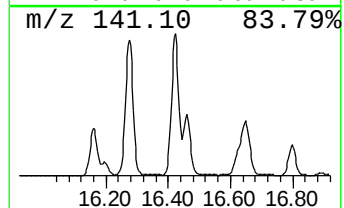
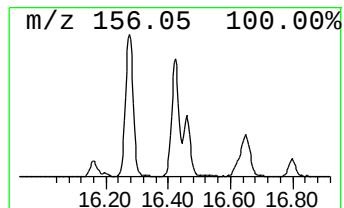
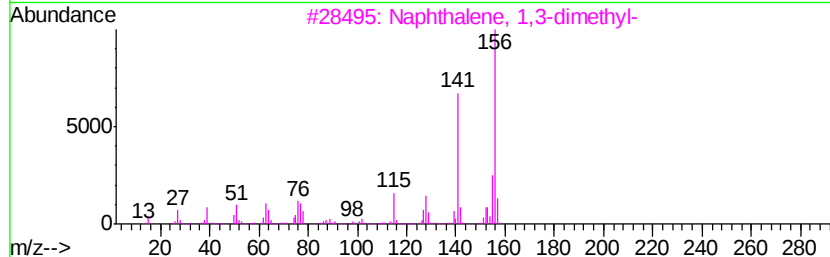
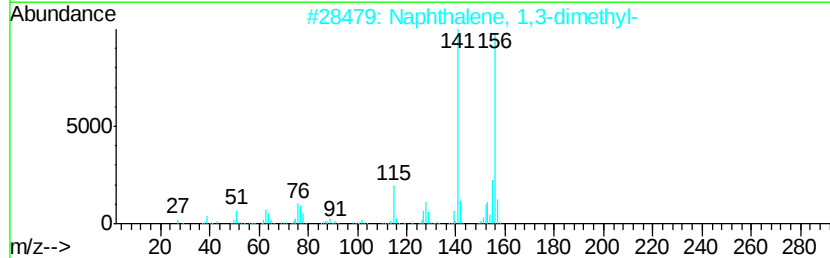
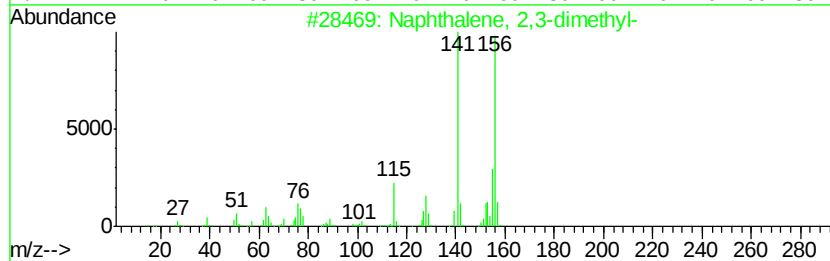
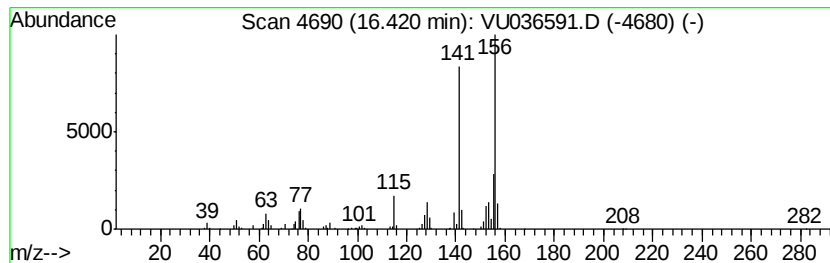
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Quant Title : VOC Analysis

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	15.41 ug/L	224489	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036591.D
Acq On : 29 Jan 2020 14:16
Operator : JC/MD
Sample : VIBLK21
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK21

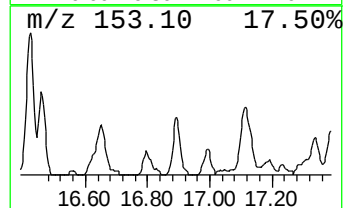
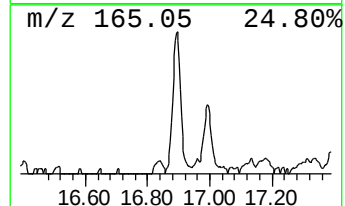
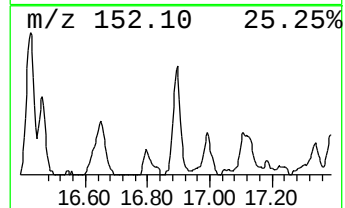
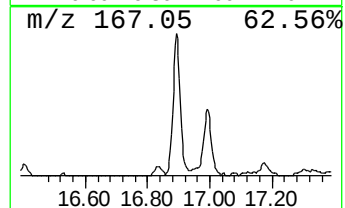
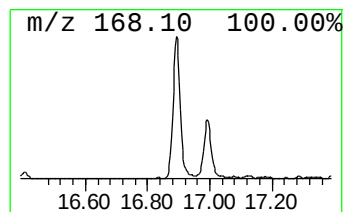
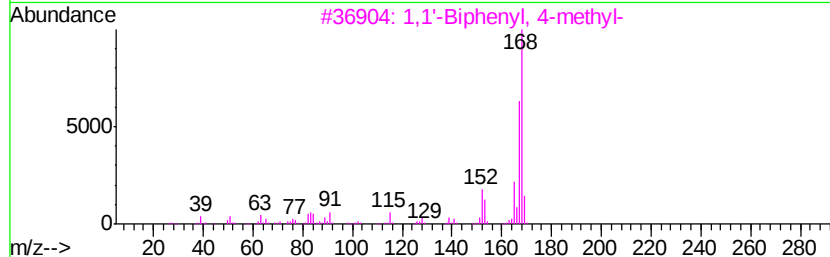
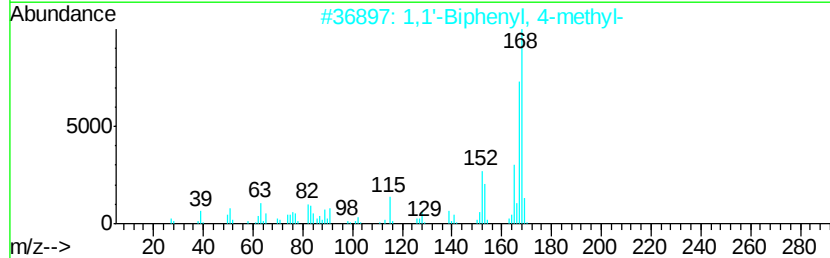
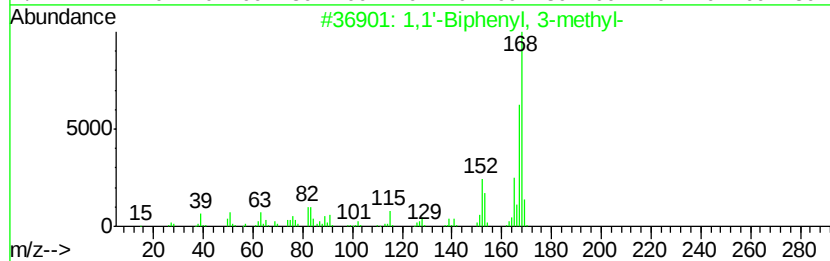
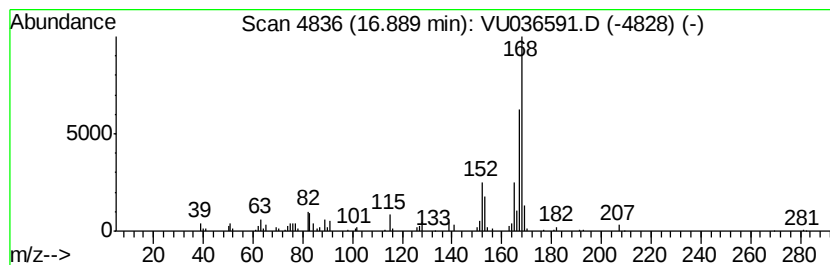
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

Peak Number 10 1,1'-Biphenyl, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	4.89 ug/L	71251	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	96
2			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	95
3			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	95
4			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	94
5			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036591.D
Acq On : 29 Jan 2020 14:16
Operator : JC/MD
Sample : VIBLK21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK21

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
Naphthalene, 1-me...	15.24	27.6	ug/L	402881	3	11.83	728476	50.0
Naphthalene, 1-et...	16.16	2.8	ug/L	41436	3	11.83	728476	50.0
Naphthalene, 2,6-...	16.28	19.2	ug/L	279242	3	11.83	728476	50.0
Naphthalene, 2,3-...	16.42	15.4	ug/L	224489	3	11.83	728476	50.0
1,1'-Biphenyl, 3-...	16.89	4.9	ug/L	71251	3	11.83	728476	50.0