

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
 Data File : VU036594.D
 Acq On : 29 Jan 2020 15:47
 Operator : JC/MD
 Sample : L1271-17 20X
 Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAT08

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	100	rBV	149342	155481	14.72%	1.331%
2	1.925	173	182	199	rVB	114306	150306	14.23%	1.286%
3	2.591	377	389	404	rBV	223807	367852	34.83%	3.148%
4	2.729	427	432	436	rVB2	343	391	0.04%	0.003%
5	3.080	534	541	549	rVB4	1148	1845	0.17%	0.016%
6	3.224	574	586	600	rVB2	2317	5412	0.51%	0.046%
7	4.131	865	868	871	rBV	168	163	0.02%	0.001%
8	4.568	1001	1004	1013	rVB	221	339	0.03%	0.003%
9	4.674	1022	1037	1064	rBV	105369	248672	23.54%	2.128%
10	4.887	1100	1103	1107	rVB2	339	247	0.02%	0.002%
11	4.916	1107	1112	1116	rVB2	257	331	0.03%	0.003%
12	4.948	1116	1122	1125	rBV	203	174	0.02%	0.001%
13	5.022	1143	1145	1151	rVB2	285	294	0.03%	0.003%
14	5.108	1152	1172	1193	rBV	177787	389221	36.85%	3.331%
15	5.334	1237	1242	1248	rVV3	627	796	0.08%	0.007%
16	5.369	1250	1253	1256	rVB	240	186	0.02%	0.002%
17	5.414	1261	1267	1271	rVB	363	486	0.05%	0.004%
18	5.436	1271	1274	1279	rBV	161	219	0.02%	0.002%
19	5.523	1296	1301	1304	rBV	197	227	0.02%	0.002%
20	5.764	1355	1376	1404	rBV2	410367	1056218	100.00%	9.040%
21	5.925	1424	1426	1438	rVB	251	284	0.03%	0.002%
22	6.070	1467	1471	1473	rBV2	312	247	0.02%	0.002%
23	6.150	1492	1496	1498	rBV	203	182	0.02%	0.002%
24	6.289	1523	1539	1562	rBV	368499	686881	65.03%	5.879%
25	6.562	1617	1624	1633	rVB3	2157	3448	0.33%	0.030%
26	6.729	1661	1676	1699	rBV	241620	460876	43.63%	3.945%
27	6.842	1707	1711	1720	rVB2	880	935	0.09%	0.008%
28	7.218	1820	1828	1836	rVB4	1831	2698	0.26%	0.023%
29	7.501	1912	1916	1925	rBV2	387	563	0.05%	0.005%
30	7.597	1933	1946	1967	rBV	145933	248686	23.54%	2.129%
31	7.716	1976	1983	1991	rVB3	1414	2082	0.20%	0.018%
32	7.829	2013	2018	2022	rVV3	285	309	0.03%	0.003%
33	7.928	2034	2049	2065	rBV	544725	928473	87.91%	7.947%
34	8.099	2100	2102	2108	rVB2	330	309	0.03%	0.003%

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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	8.211	2123	2137	2153	rBV	100850	166270	15.74%	1.423%
36	8.333	2172	2175	2181	rVB2	255	268	0.03%	0.002%
37	8.401	2192	2196	2201	rBV2	232	232	0.02%	0.002%
38	8.607	2257	2260	2263	rBV	174	144	0.01%	0.001%
39	8.665	2266	2278	2322	rVB	339298	602886	57.08%	5.160%
40	8.960	2368	2370	2375	rBV2	235	155	0.01%	0.001%
41	9.443	2506	2520	2553	rVV	504208	837595	79.30%	7.169%
42	9.600	2561	2569	2573	rVB	413	503	0.05%	0.004%
43	9.716	2597	2605	2615	rBV3	1794	2829	0.27%	0.024%
44	10.111	2723	2728	2729	rBV2	281	230	0.02%	0.002%
45	10.128	2729	2733	2736	rBV3	725	686	0.06%	0.006%
46	10.256	2770	2773	2777	rVB	221	153	0.01%	0.001%
47	10.417	2820	2823	2826	rVB2	183	148	0.01%	0.001%
48	10.780	2923	2936	2953	rBV	353409	565649	53.55%	4.841%
49	10.870	2961	2964	2966	rBV2	349	215	0.02%	0.002%
50	11.015	3005	3009	3013	rBV3	695	825	0.08%	0.007%
51	11.272	3086	3089	3092	rBV3	198	148	0.01%	0.001%
52	11.378	3119	3122	3124	rBV3	199	154	0.01%	0.001%
53	11.414	3130	3133	3136	rBV2	265	233	0.02%	0.002%
54	11.436	3137	3140	3142	rVV2	342	223	0.02%	0.002%
55	11.449	3142	3144	3147	rVV2	321	215	0.02%	0.002%
56	11.488	3148	3156	3170	rVB3	1831	3049	0.29%	0.026%
57	11.603	3190	3192	3196	rBV3	379	330	0.03%	0.003%
58	11.767	3241	3243	3247	rVB3	398	228	0.02%	0.002%
59	11.832	3251	3263	3282	rVB	513792	822700	77.89%	7.042%
60	11.909	3282	3287	3295	rBV4	601	840	0.08%	0.007%
61	11.957	3299	3302	3303	rBV	262	147	0.01%	0.001%
62	12.214	3370	3382	3409	rVB	523106	852952	80.76%	7.300%
63	12.587	3494	3498	3504	rBV4	541	752	0.07%	0.006%
64	12.639	3511	3514	3515	rBV2	845	510	0.05%	0.004%
65	12.761	3545	3552	3564	rVB9	3469	5592	0.53%	0.048%
66	12.825	3567	3572	3576	rBV7	808	800	0.08%	0.007%
67	12.857	3580	3582	3584	rBV2	453	276	0.03%	0.002%
68	12.983	3618	3621	3622	rBV2	1093	571	0.05%	0.005%
69	13.044	3632	3640	3650	rVB4	4245	6478	0.61%	0.055%
70	13.169	3671	3679	3687	rVB6	3725	6241	0.59%	0.053%
71	13.311	3719	3723	3730	rVB6	1169	1581	0.15%	0.014%

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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
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 Title : VOC Analysis

72	13.449	3757	3766	3768	rBV5	8377	11235	1.06%	0.096%
73	13.603	3808	3814	3818	rBV5	1333	1907	0.18%	0.016%
74	13.645	3818	3827	3837	rVB2	15064	25150	2.38%	0.215%
75	13.709	3837	3847	3853	rBV4	1680	2704	0.26%	0.023%
76	13.745	3853	3858	3863	rBV4	535	734	0.07%	0.006%
77	13.799	3873	3875	3880	rBV2	264	170	0.02%	0.001%
78	13.822	3880	3882	3885	rVB2	424	227	0.02%	0.002%
79	13.851	3885	3891	3898	rBV8	2730	4530	0.43%	0.039%
80	13.980	3927	3931	3935	rBV5	1698	1397	0.13%	0.012%
81	14.047	3949	3952	3953	rBV4	1184	622	0.06%	0.005%
82	14.102	3959	3969	3980	rBV	80244	127822	12.10%	1.094%
83	14.282	4023	4025	4027	rBV3	897	561	0.05%	0.005%
84	14.410	4061	4065	4067	rBV3	746	600	0.06%	0.005%
85	14.433	4067	4072	4073	rBV3	982	844	0.08%	0.007%
86	14.462	4073	4081	4089	rVV	18968	25362	2.40%	0.217%
87	14.693	4138	4153	4160	rBV9	6898	15127	1.43%	0.129%
88	14.822	4186	4193	4202	rVB8	7046	10978	1.04%	0.094%
89	15.028	4250	4257	4259	rBV7	2510	3200	0.30%	0.027%
90	15.237	4311	4322	4334	rVB	307792	482961	45.73%	4.134%
91	15.423	4368	4380	4398	rVB	466240	743437	70.39%	6.363%
92	15.967	4540	4549	4558	rBV	34263	52972	5.02%	0.453%
93	16.159	4601	4609	4616	rBV	41789	60069	5.69%	0.514%
94	16.272	4633	4644	4668	rVB	306351	532185	50.39%	4.555%
95	16.420	4679	4690	4697	rBV	294952	471709	44.66%	4.037%
96	16.555	4724	4732	4743	rVB	23798	37525	3.55%	0.321%
97	16.648	4745	4761	4777	rVB	75377	202409	19.16%	1.732%
98	16.796	4799	4807	4824	rVB	34976	61824	5.85%	0.529%
99	16.893	4828	4837	4851	rBV2	79331	130886	12.39%	1.120%
100	17.388	4986	4991	5016	rVB2	34477	76723	7.26%	0.657%

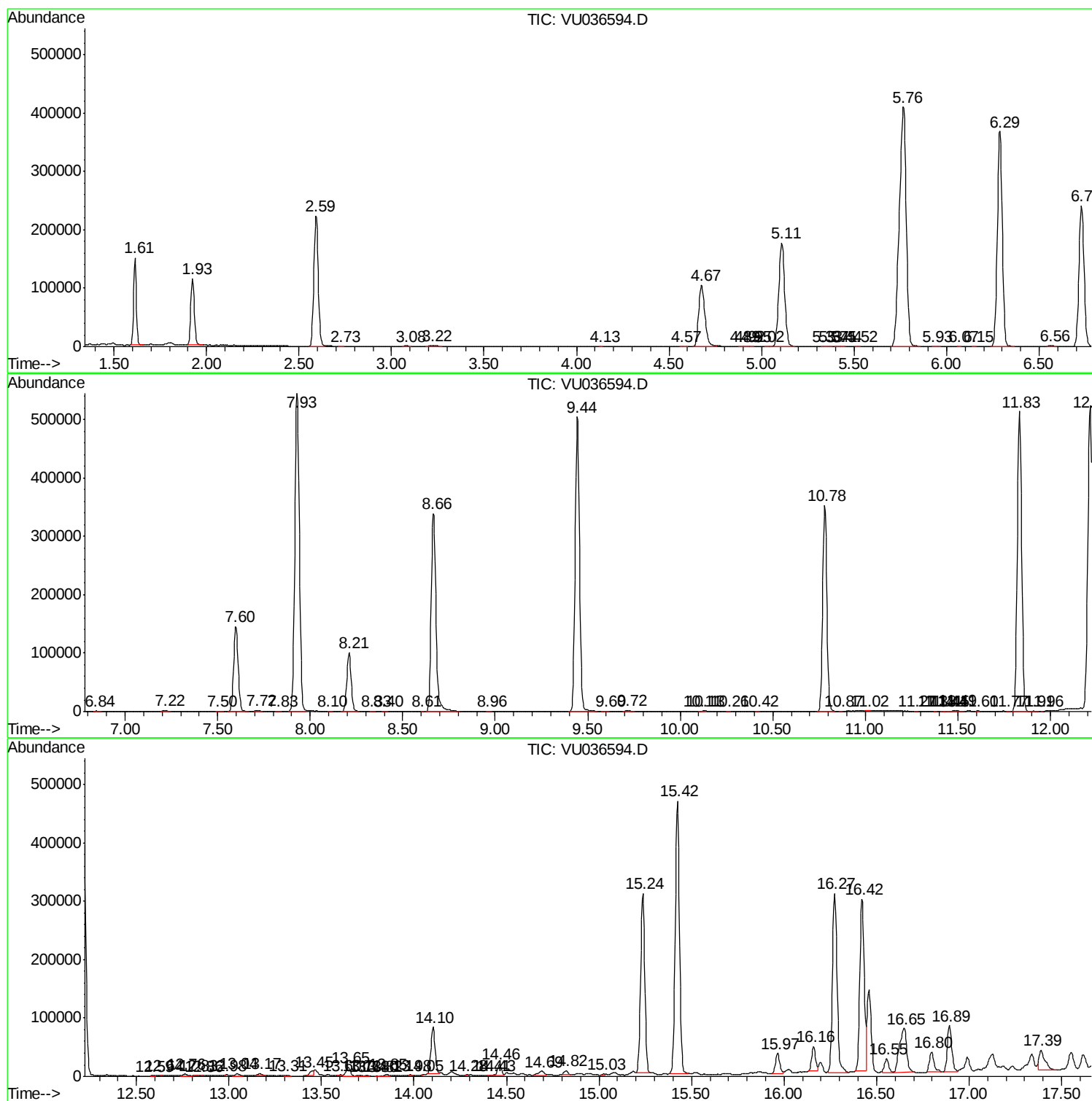
Sum of corrected areas: 11683511

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Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
GAT08

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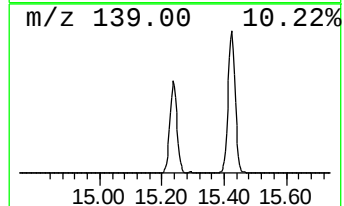
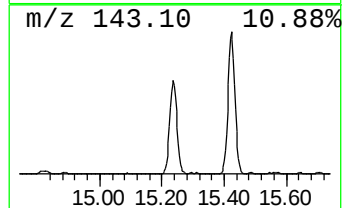
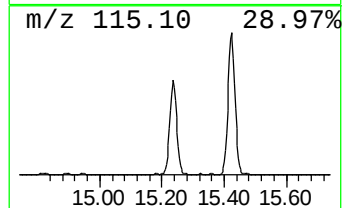
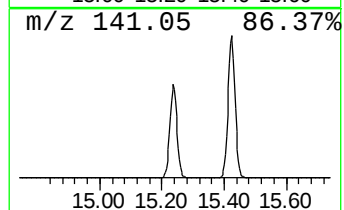
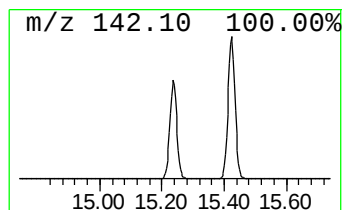
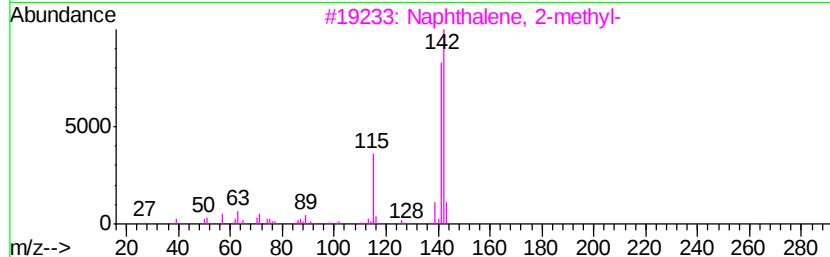
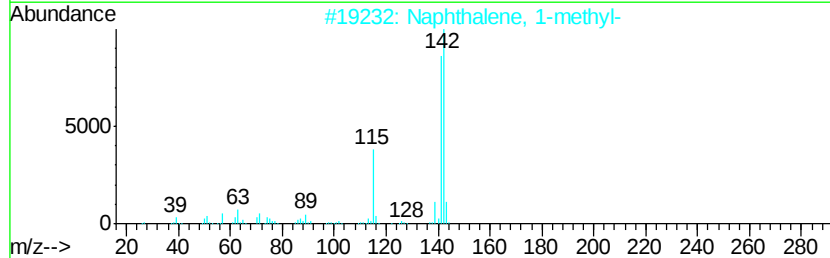
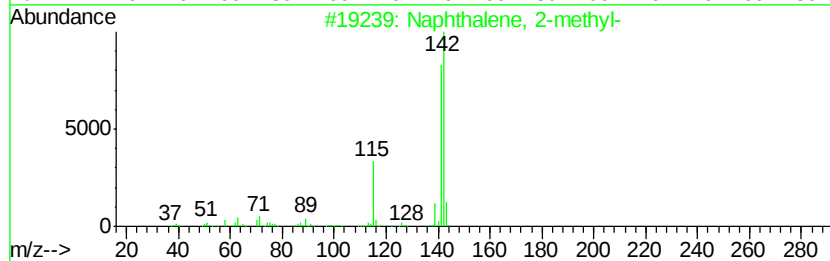
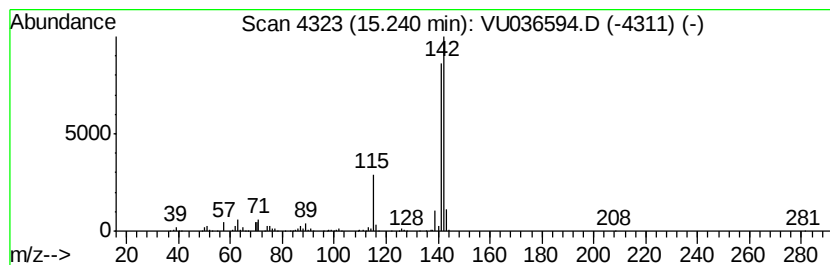
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	29.35 ug/L	482961	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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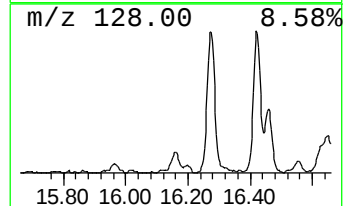
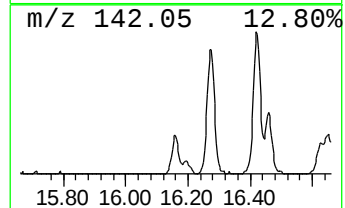
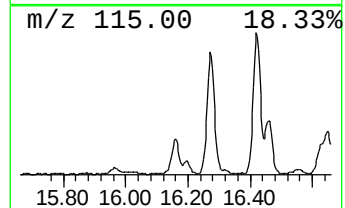
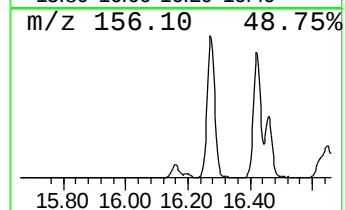
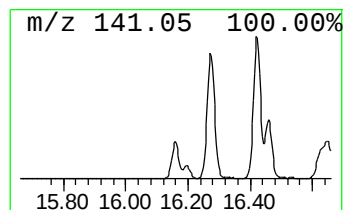
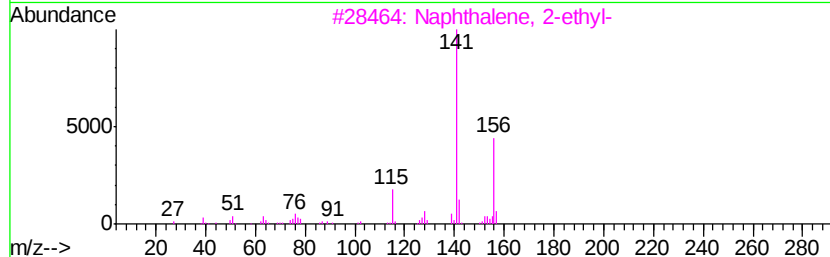
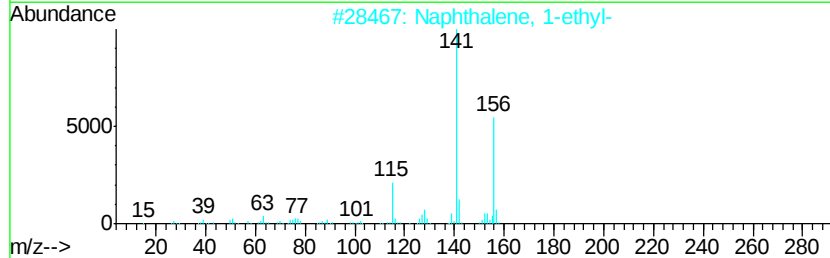
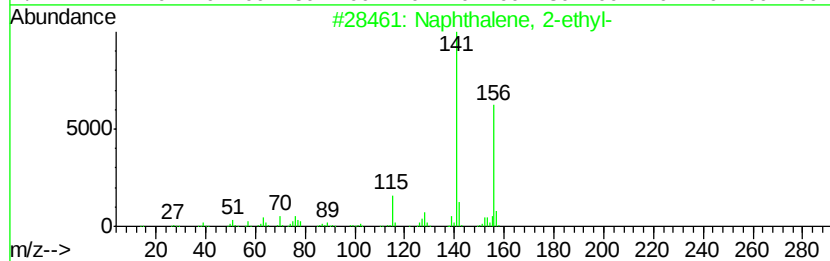
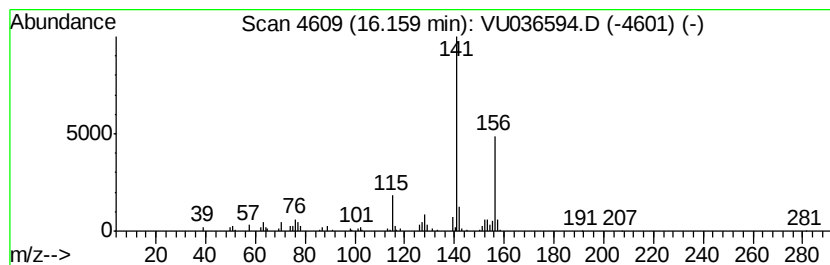
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Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	3.65 ug/L	60069	1,4-Dichlorobenzene-d4	11.83

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



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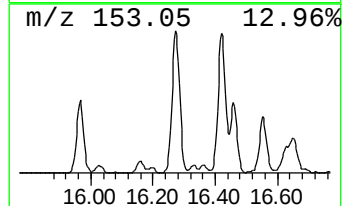
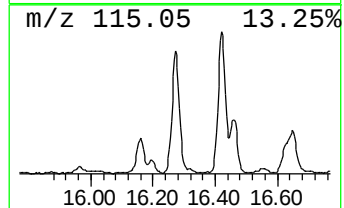
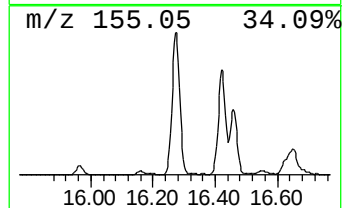
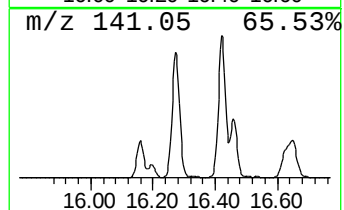
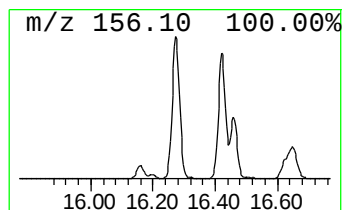
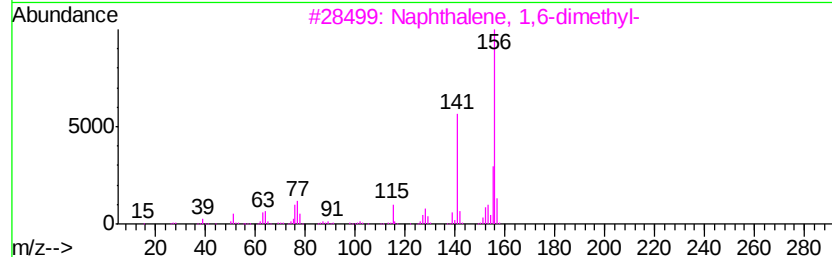
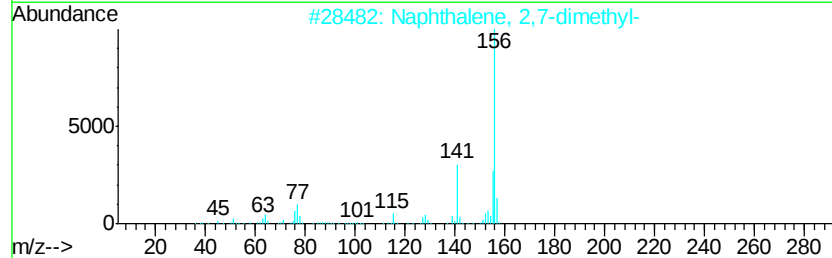
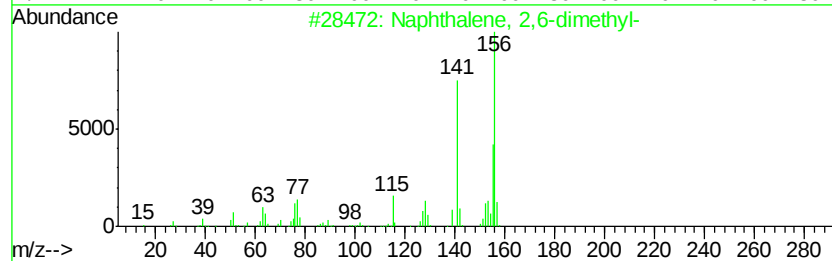
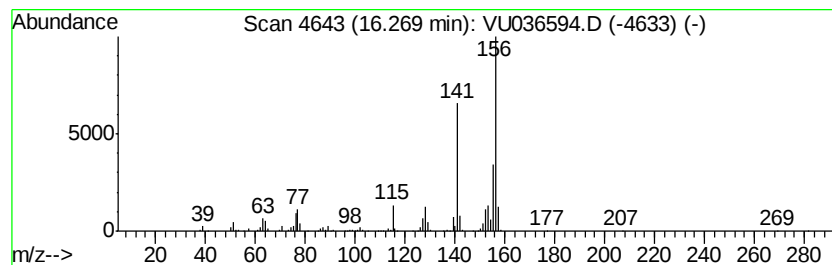
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	32.34 ug/L	532185	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036594.D
Acq On : 29 Jan 2020 15:47
Operator : JC/MD
Sample : L1271-17 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

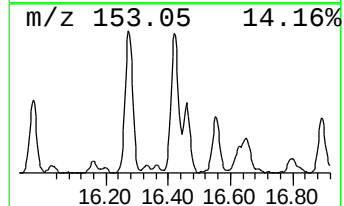
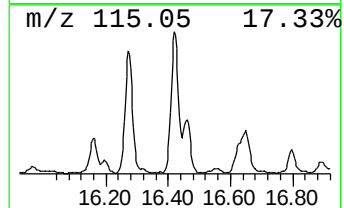
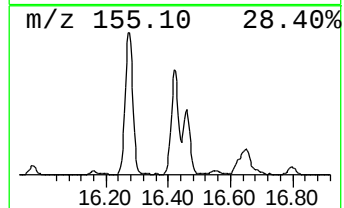
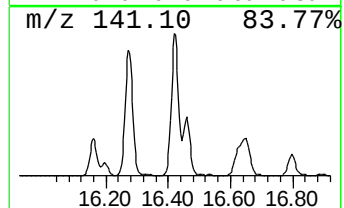
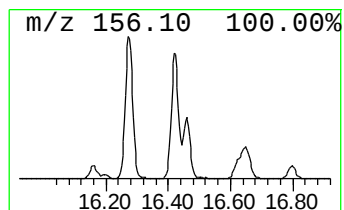
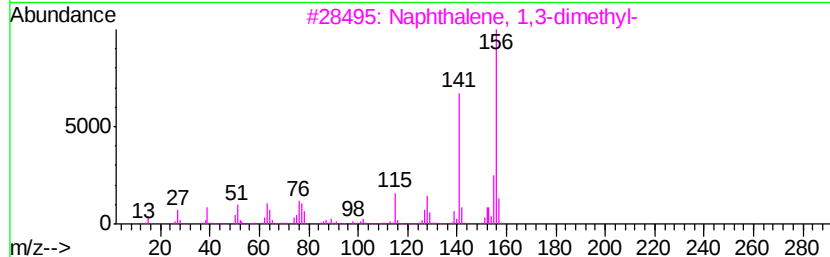
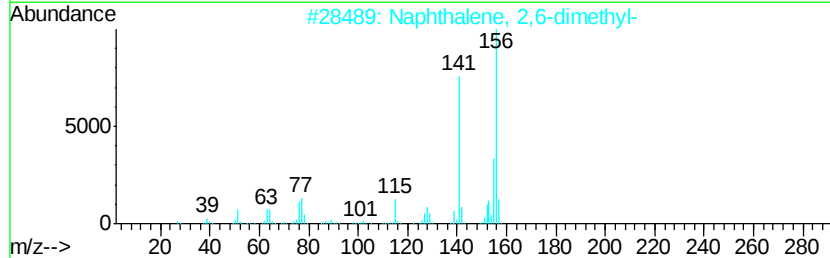
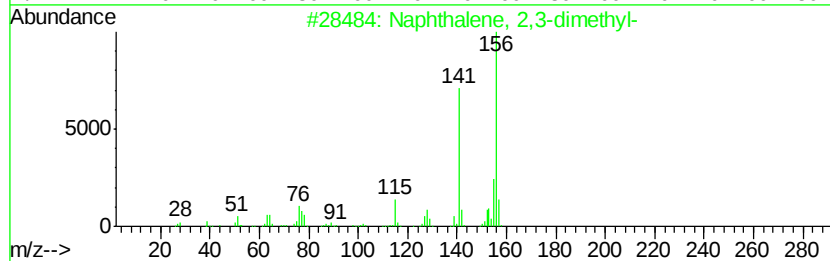
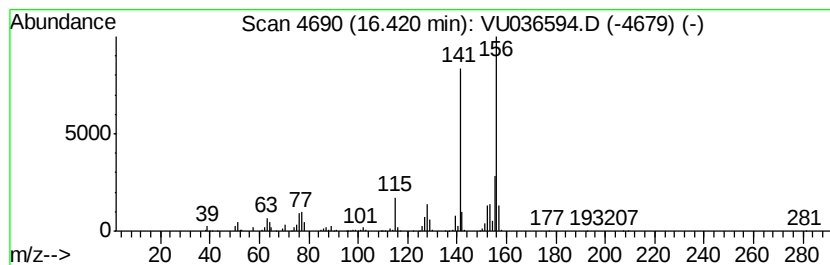
Instrument :
MSVOA_U
ClientSampleId :
GAT08

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	28.67 ug/L	471709	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 97
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
3		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036594.D
Acq On : 29 Jan 2020 15:47
Operator : JC/MD
Sample : L1271-17 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAT08

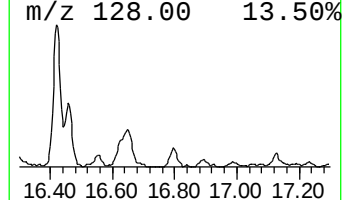
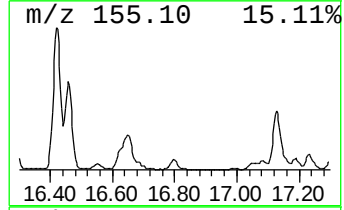
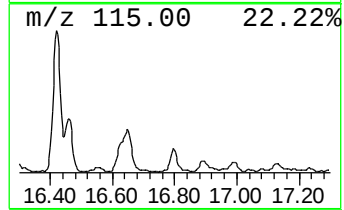
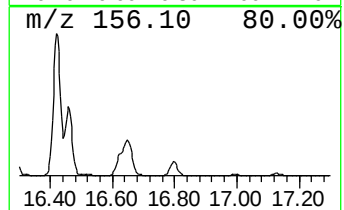
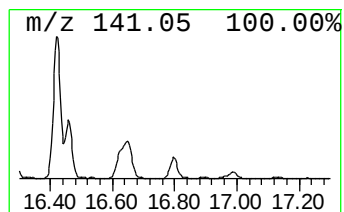
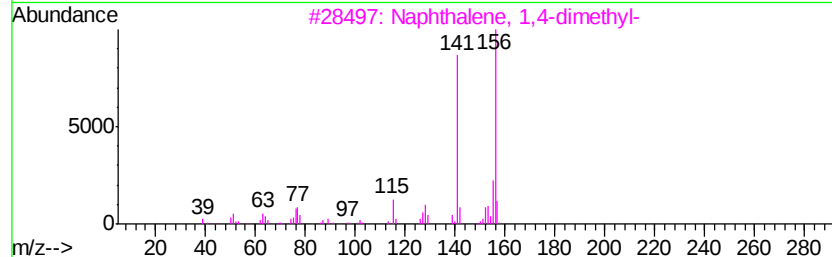
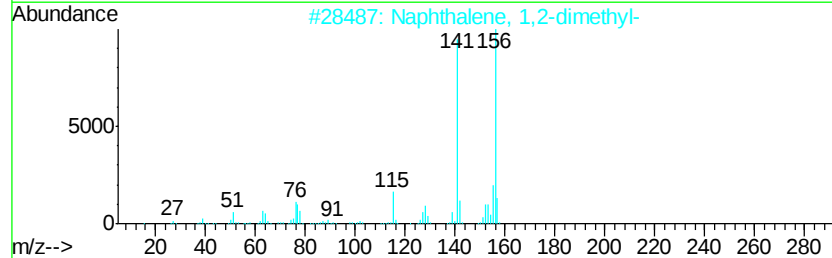
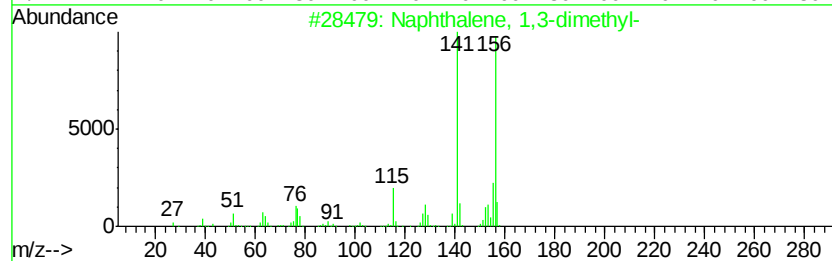
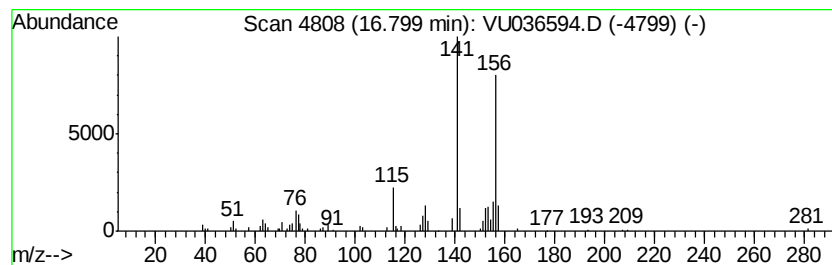
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Quant Title : VOC Analysis

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

Peak Number 10 Naphthalene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	3.76 ug/L	61824	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036594.D
Acq On : 29 Jan 2020 15:47
Operator : JC/MD
Sample : L1271-17 20X
Misc : 5.06µ/5.0mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAT08

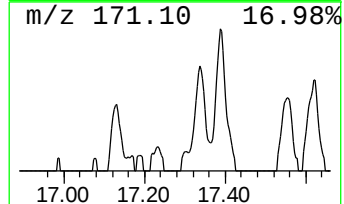
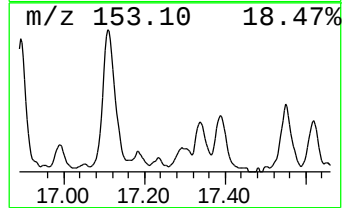
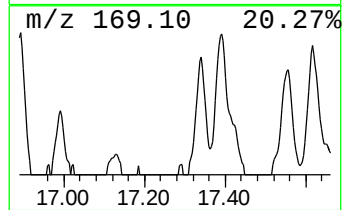
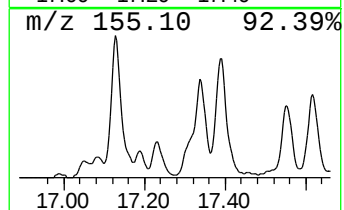
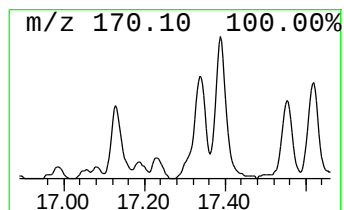
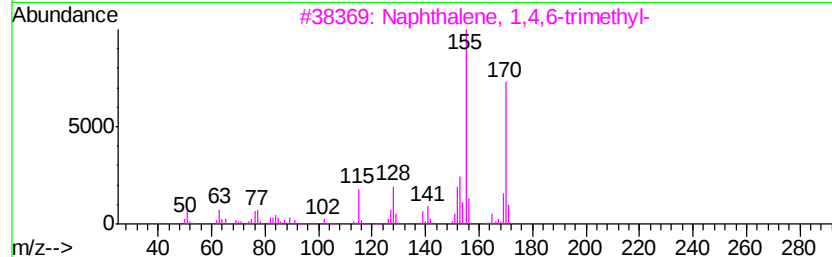
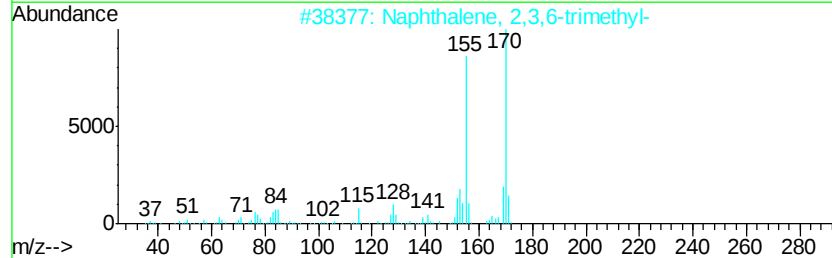
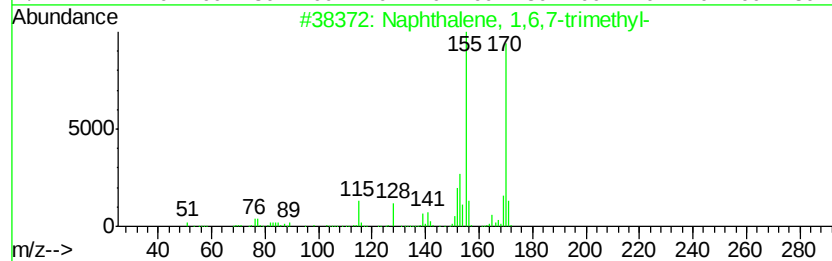
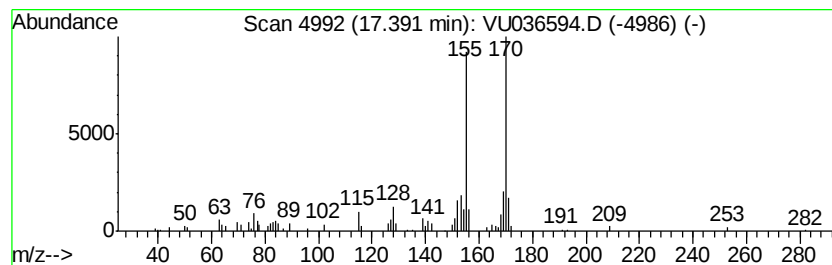
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis

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

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	4.66 ug/L	76723	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036594.D
Acq On : 29 Jan 2020 15:47
Operator : JC/MD
Sample : L1271-17 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAT08

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	29.4	ug/L	482961	3	11.83	822700	50.0
Naphthalene, 2-et...	16.16	3.6	ug/L	60069	3	11.83	822700	50.0
Naphthalene, 2,6-...	16.27	32.3	ug/L	532185	3	11.83	822700	50.0
Naphthalene, 2,3-...	16.42	28.7	ug/L	471709	3	11.83	822700	50.0
Naphthalene, 1,3-...	16.80	3.8	ug/L	61824	3	11.83	822700	50.0
Naphthalene, 1,6,...	17.39	4.7	ug/L	76723	3	11.83	822700	50.0