

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031443.D
 Acq On : 23 Apr 2019 17:09
 Operator : JC/SP
 Sample : K2536-01DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X21DL

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\SOMULM042319WMA.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	1.180	23	28	38	rVB2	25133	24613	0.96%	0.104%
2	1.286	56	61	68	rVB3	13643	15508	0.60%	0.066%
3	1.396	88	95	109	rVB	326479	355837	13.87%	1.506%
4	1.679	176	183	198	rBV	282536	351054	13.68%	1.485%
5	2.267	355	366	381	rBV	577328	877024	34.18%	3.711%
6	2.463	425	427	432	rVV5	1242	1272	0.05%	0.005%
7	2.826	534	540	548	rBV6	1954	3067	0.12%	0.013%
8	2.878	554	556	561	rVB4	1004	888	0.03%	0.004%
9	2.910	561	566	569	rBV2	1034	824	0.03%	0.003%
10	2.981	585	588	594	rVB2	1618	1651	0.06%	0.007%
11	3.096	621	624	630	rBV2	823	628	0.02%	0.003%
12	3.132	630	635	640	rVB3	877	977	0.04%	0.004%
13	3.158	640	643	646	rBV3	968	741	0.03%	0.003%
14	3.203	653	657	660	rBV2	1107	822	0.03%	0.003%
15	3.293	681	685	686	rBV2	929	699	0.03%	0.003%
16	3.395	708	717	721	rBV4	962	1308	0.05%	0.006%
17	3.434	723	729	733	rVB4	1368	1199	0.05%	0.005%
18	3.505	749	751	756	rBV3	763	723	0.03%	0.003%
19	3.537	756	761	765	rVV2	560	660	0.03%	0.003%
20	3.633	789	791	797	rVB3	775	621	0.02%	0.003%
21	3.785	836	838	843	rVB	905	625	0.02%	0.003%
22	3.920	877	880	888	rVB4	690	870	0.03%	0.004%
23	4.022	908	912	915	rBV2	551	563	0.02%	0.002%
24	4.100	931	936	938	rBV2	869	598	0.02%	0.003%
25	4.190	950	964	1008	rBV	232585	825769	32.18%	3.494%
26	4.643	1089	1105	1131	rBV	411731	968679	37.75%	4.099%
27	4.804	1152	1155	1157	rBV2	1281	609	0.02%	0.003%
28	4.887	1175	1181	1184	rBV6	1432	1763	0.07%	0.007%
29	4.984	1207	1211	1219	rVB7	1933	2869	0.11%	0.012%
30	5.058	1231	1234	1237	rVB4	900	603	0.02%	0.003%
31	5.334	1295	1320	1348	rBV4	860411	2565726	100.00%	10.856%
32	5.588	1396	1399	1401	rBV3	1071	679	0.03%	0.003%
33	5.717	1436	1439	1443	rVB3	750	596	0.02%	0.003%
34	5.743	1443	1447	1449	rBV2	1462	1013	0.04%	0.004%

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Integration Parameters: LSCINT.P

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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Title : VOC Analysis

35	5.881	1476	1490	1531	rBV	832273	1739811	67.81%	7.361%
36	6.183	1566	1584	1615	rBV2	983556	1972179	76.87%	8.345%
37	6.328	1615	1629	1662	rVB	558589	1158294	45.14%	4.901%
38	6.714	1744	1749	1755	rBV4	1184	1232	0.05%	0.005%
39	6.829	1779	1785	1787	rBV2	717	672	0.03%	0.003%
40	6.900	1804	1807	1809	rBV2	767	574	0.02%	0.002%
41	6.926	1811	1815	1821	rBV5	1035	1179	0.05%	0.005%
42	7.071	1855	1860	1863	rBV2	613	673	0.03%	0.003%
43	7.090	1863	1866	1870	rVB2	755	555	0.02%	0.002%
44	7.225	1895	1908	1934	rBV	315284	600506	23.40%	2.541%
45	7.405	1961	1964	1967	rBV3	915	550	0.02%	0.002%
46	7.563	2000	2013	2044	rBV	1086580	2016863	78.61%	8.534%
47	7.849	2091	2102	2125	rBV2	209216	383988	14.97%	1.625%
48	8.032	2156	2159	2162	rBV5	1021	711	0.03%	0.003%
49	8.054	2164	2166	2169	rVV2	1158	668	0.03%	0.003%
50	8.173	2195	2203	2211	rBV5	3510	5875	0.23%	0.025%
51	8.228	2214	2220	2231	rVB8	3966	5774	0.23%	0.024%
52	8.312	2235	2246	2283	rBV	874954	1647486	64.21%	6.971%
53	8.669	2355	2357	2362	rVB2	1019	686	0.03%	0.003%
54	8.833	2405	2408	2411	rVB3	1160	667	0.03%	0.003%
55	8.858	2413	2416	2419	rVB4	1114	607	0.02%	0.003%
56	8.900	2424	2429	2431	rBV3	1188	902	0.04%	0.004%
57	9.087	2473	2487	2518	rBV	1157510	2019875	78.73%	8.546%
58	9.273	2542	2545	2547	rBV3	1247	746	0.03%	0.003%
59	9.376	2569	2577	2584	rBV6	4023	6424	0.25%	0.027%
60	9.456	2599	2602	2605	rBV4	1249	861	0.03%	0.004%
61	9.521	2617	2622	2624	rVV4	1031	925	0.04%	0.004%
62	9.572	2634	2638	2641	rBV4	779	665	0.03%	0.003%
63	9.614	2648	2651	2655	rBV2	1063	802	0.03%	0.003%
64	9.649	2659	2662	2666	rBV2	721	702	0.03%	0.003%
65	9.669	2666	2668	2673	rVB2	988	697	0.03%	0.003%
66	9.759	2690	2696	2698	rBV3	1609	1480	0.06%	0.006%
67	9.775	2698	2701	2703	rBV3	1137	582	0.02%	0.002%
68	9.861	2725	2728	2730	rVB3	994	621	0.02%	0.003%
69	9.878	2730	2733	2734	rBV	1211	572	0.02%	0.002%
70	10.009	2770	2774	2776	rBV4	992	762	0.03%	0.003%
71	10.029	2776	2780	2782	rVV2	858	681	0.03%	0.003%

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72	10.096	2798	2801	2803	rBV3	1031	653	0.03%	0.003%
73	10.157	2817	2820	2824	rVB2	1819	1274	0.05%	0.005%
74	10.180	2824	2827	2828	rBV2	1149	668	0.03%	0.003%
75	10.321	2867	2871	2873	rBV2	840	670	0.03%	0.003%
76	10.427	2892	2904	2928	rVV	788482	1283773	50.04%	5.432%
77	10.572	2947	2949	2951	rBV2	1433	855	0.03%	0.004%
78	10.607	2955	2960	2965	rVV7	2767	2885	0.11%	0.012%
79	10.778	3010	3013	3017	rVB4	1666	1264	0.05%	0.005%
80	11.083	3102	3108	3113	rBV7	2039	2738	0.11%	0.012%
81	11.144	3124	3127	3137	rVB10	4376	5941	0.23%	0.025%
82	11.183	3137	3139	3142	rVB4	1149	555	0.02%	0.002%
83	11.218	3143	3150	3151	rBV6	2585	2640	0.10%	0.011%
84	11.267	3161	3165	3167	rBV4	1943	1329	0.05%	0.006%
85	11.321	3178	3182	3187	rVB3	1625	1556	0.06%	0.007%
86	11.482	3219	3232	3254	rBV	1111315	1816372	70.79%	7.685%
87	11.855	3336	3348	3376	rBV	1000157	1684047	65.64%	7.125%
88	12.495	3545	3547	3552	rVB4	1887	1082	0.04%	0.005%
89	13.038	3714	3716	3719	rBV3	960	727	0.03%	0.003%
90	13.295	3792	3796	3801	rBV7	2971	3401	0.13%	0.014%
91	13.369	3817	3819	3822	rVB3	1353	712	0.03%	0.003%
92	13.614	3892	3895	3899	rBV5	1869	1570	0.06%	0.007%
93	13.749	3926	3937	3954	rBV2	64402	145722	5.68%	0.617%
94	14.183	4070	4072	4074	rBV4	1635	750	0.03%	0.003%
95	14.881	4278	4289	4307	rBV	171218	358828	13.99%	1.518%
96	15.064	4337	4346	4362	rVB	84268	152189	5.93%	0.644%
97	15.916	4601	4611	4627	rBV	114761	214571	8.36%	0.908%
98	16.057	4647	4655	4662	rBV	95813	149857	5.84%	0.634%
99	16.196	4691	4698	4711	rBV3	39805	70279	2.74%	0.297%
100	16.527	4793	4801	4819	rVB2	66833	139370	5.43%	0.590%

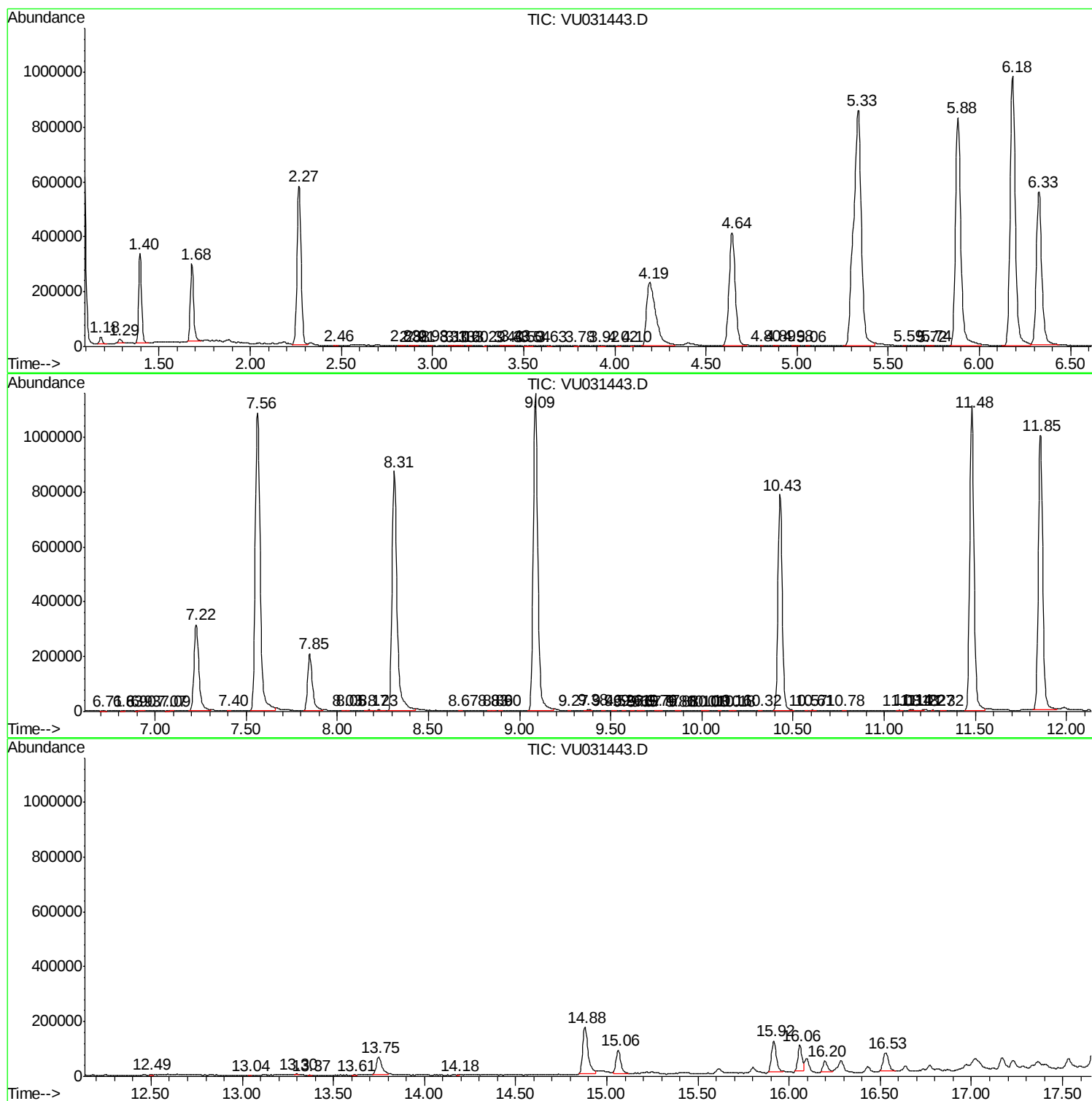
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis

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



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Instrument :
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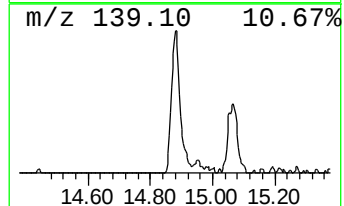
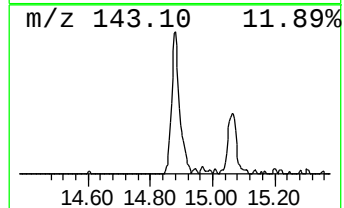
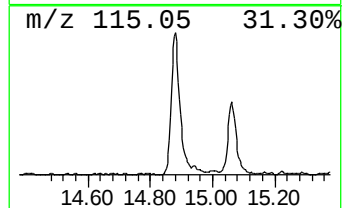
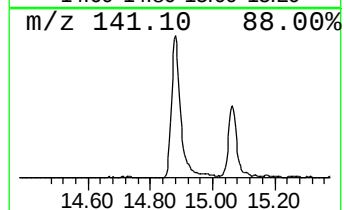
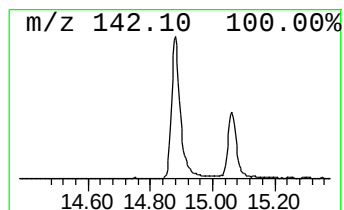
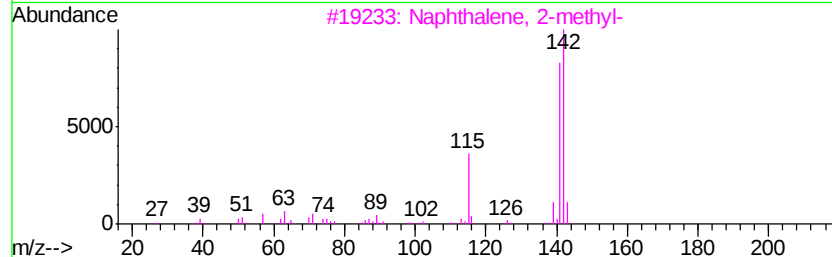
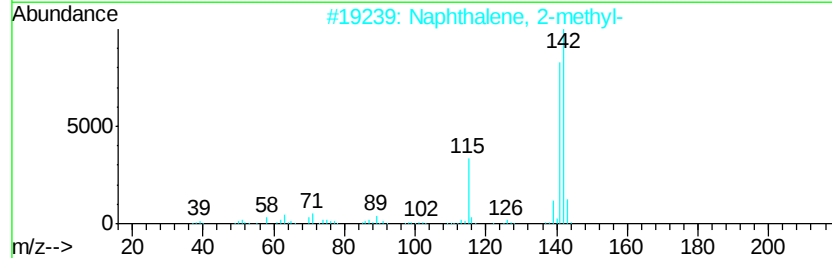
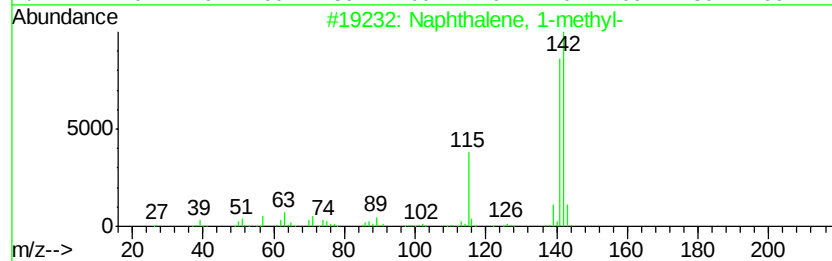
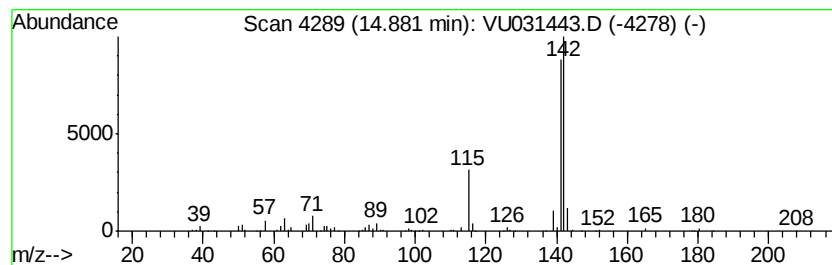
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	9.88 ug/L	358828	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91



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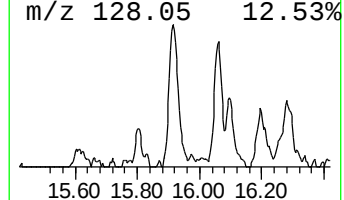
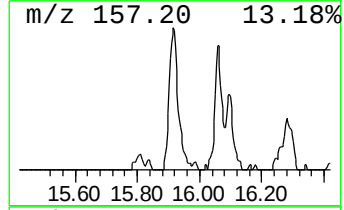
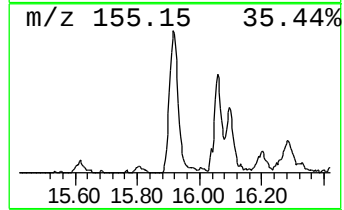
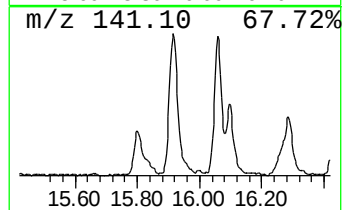
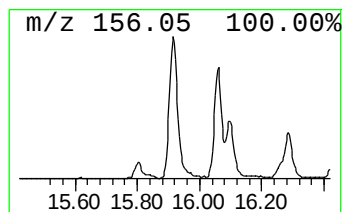
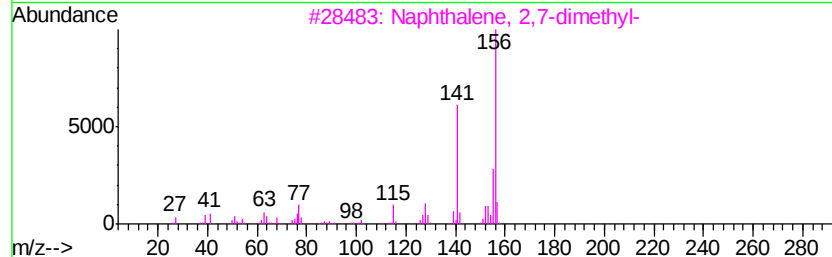
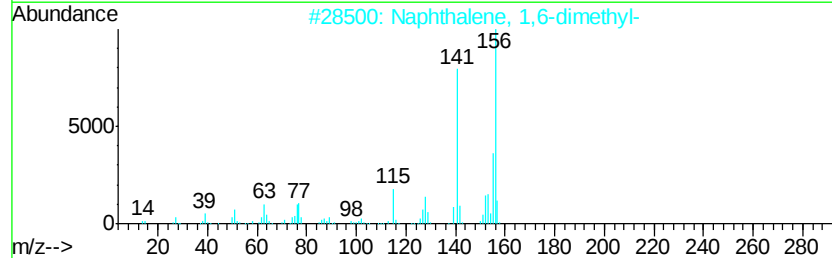
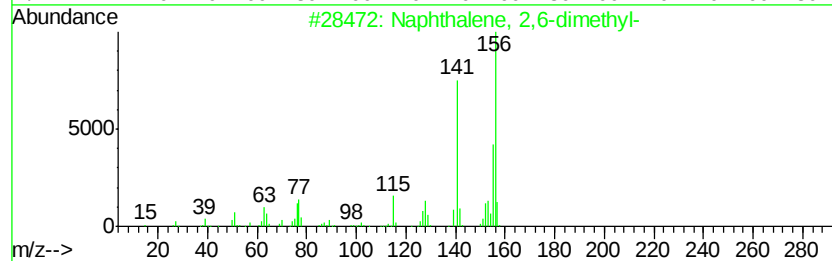
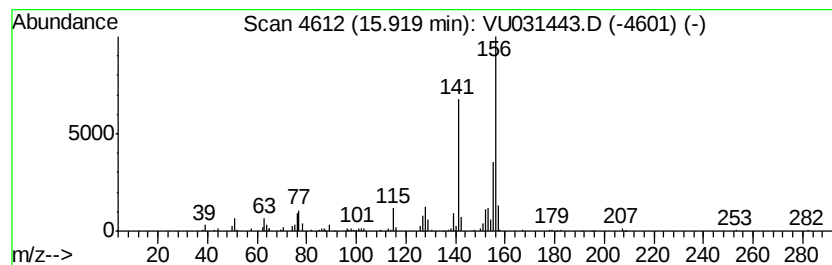
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Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	5.91 ug/L	214571	1,4-Dichlorobenzene-d4	11.48

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, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



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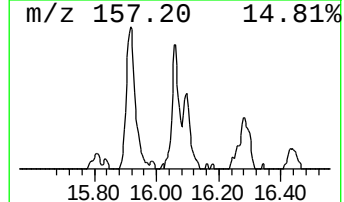
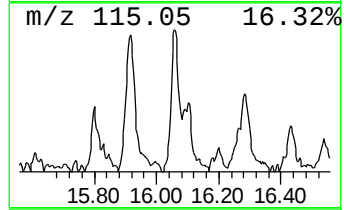
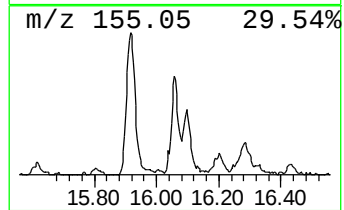
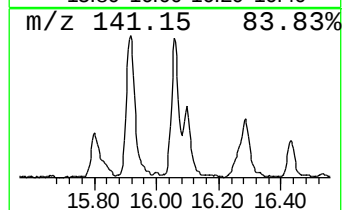
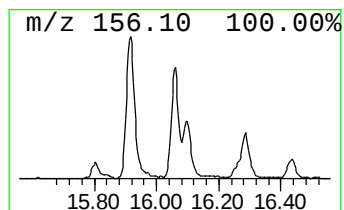
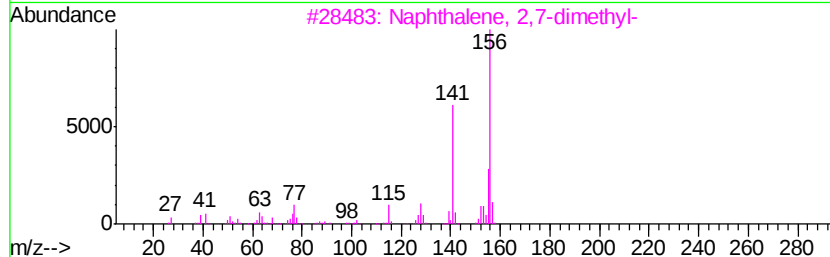
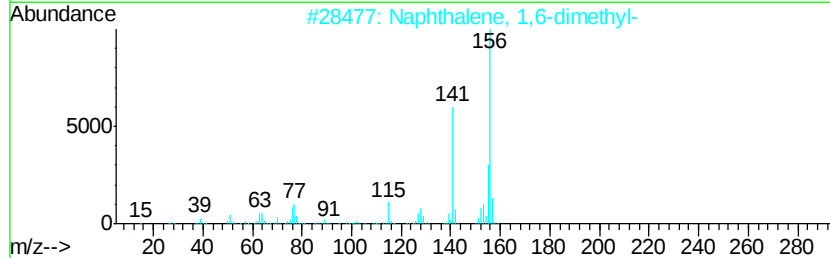
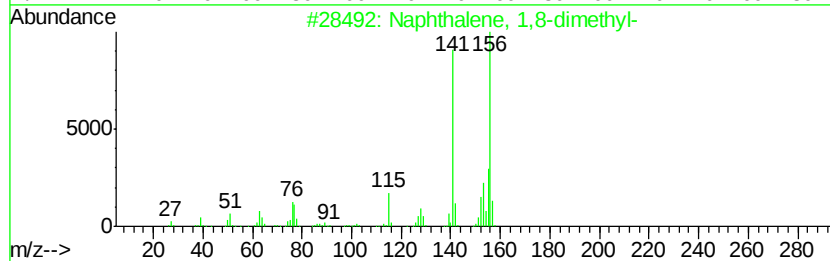
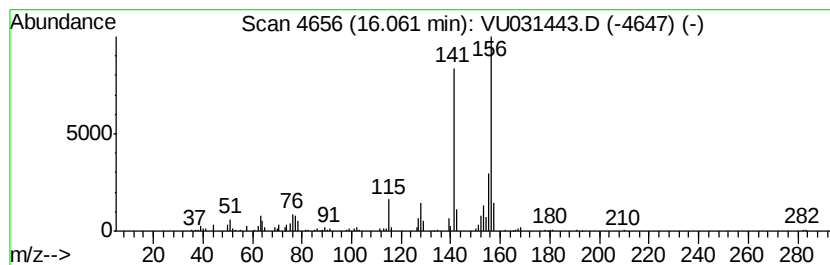
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Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 1,8-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	4.13 ug/L	149857	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031443.D
Acq On : 23 Apr 2019 17:09
Operator : JC/SP
Sample : K2536-01DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X21DL

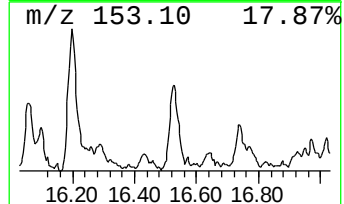
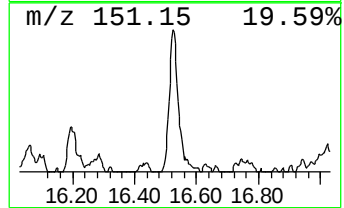
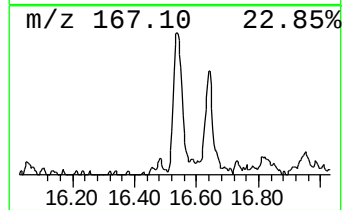
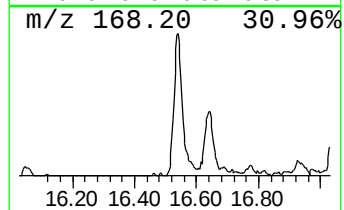
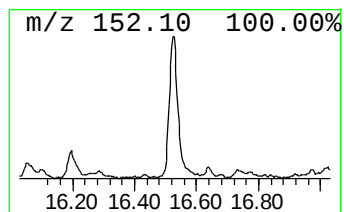
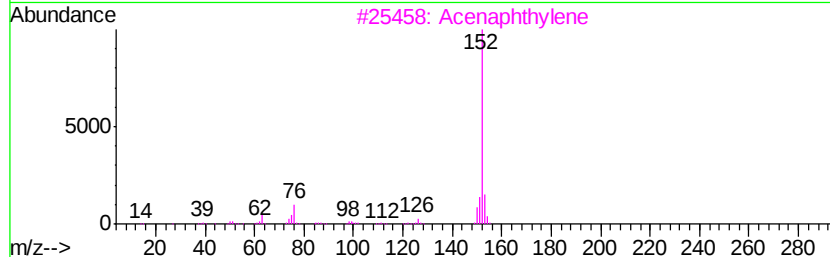
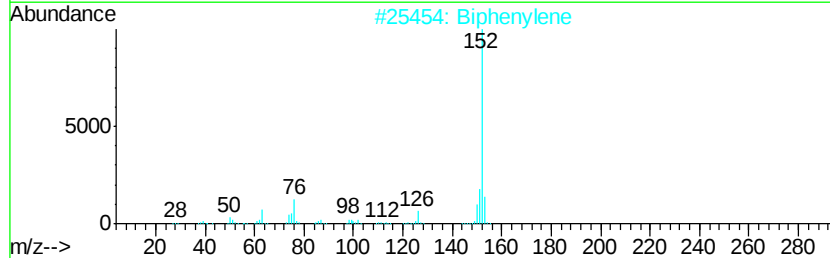
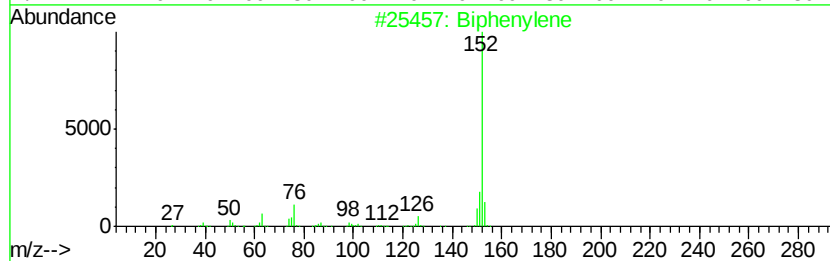
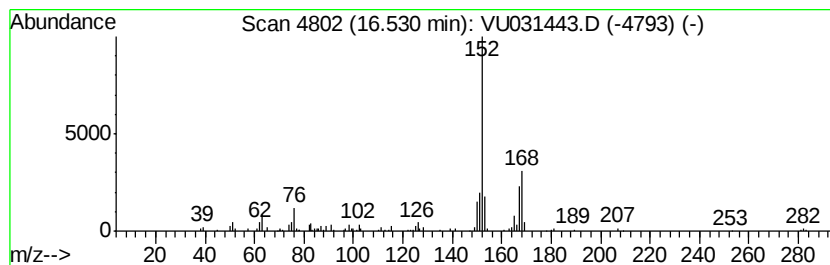
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Quant Title : VOC Analysis

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

Peak Number 7 Biphenylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	3.84 ug/L	139370	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenylene	152	C12H8	000259-79-0	76
2			Biphenylene	152	C12H8	000259-79-0	76
3			Acenaphthylene	152	C12H8	000208-96-8	76
4			1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	59
5			(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042319\
Data File : VU031443.D
Acq On : 23 Apr 2019 17:09
Operator : JC/SP
Sample : K2536-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X21DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.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...	14.88	9.9	ug/L	358828	3	11.48	1816370	50.0
Naphthalene, 2,6-...	15.92	5.9	ug/L	214571	3	11.48	1816370	50.0
Naphthalene, 1,8-...	16.06	4.1	ug/L	149857	3	11.48	1816370	50.0
Biphenylene	16.53	3.8	ug/L	139370	3	11.48	1816370	50.0