

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031440.D
 Acq On : 23 Apr 2019 15:59
 Operator : JC/SP
 Sample : K2536-02 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X22

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	37	rBV2	18842	19073	0.22%	0.027%
2	1.395	88	95	106	rBV	317473	345744	4.01%	0.484%
3	1.678	176	183	196	rBV	275275	342054	3.97%	0.479%
4	2.267	356	366	380	rVB	573597	876938	10.18%	1.228%
5	2.833	539	542	547	rBV4	837	957	0.01%	0.001%
6	2.894	557	561	564	rBV2	668	615	0.01%	0.001%
7	2.913	564	567	573	rVV5	597	638	0.01%	0.001%
8	3.000	591	594	600	rVB3	1093	994	0.01%	0.001%
9	3.026	600	602	606	rBV3	836	610	0.01%	0.001%
10	3.061	609	613	618	rVB3	889	766	0.01%	0.001%
11	3.270	673	678	681	rBV2	516	630	0.01%	0.001%
12	3.325	691	695	698	rBV2	910	653	0.01%	0.001%
13	3.373	706	710	714	rBV5	693	800	0.01%	0.001%
14	3.434	722	729	732	rBV4	705	792	0.01%	0.001%
15	3.595	775	779	782	rBV4	1016	860	0.01%	0.001%
16	3.662	794	800	802	rBV3	965	985	0.01%	0.001%
17	4.006	904	907	912	rVB3	873	650	0.01%	0.001%
18	4.042	912	918	921	rBV2	631	689	0.01%	0.001%
19	4.077	926	929	936	rVV5	841	793	0.01%	0.001%
20	4.190	947	964	1004	rBV	217072	699849	8.13%	0.980%
21	4.501	1056	1061	1064	rBV3	1007	949	0.01%	0.001%
22	4.643	1089	1105	1128	rBV	388879	921741	10.70%	1.291%
23	5.083	1237	1242	1245	rVB3	724	672	0.01%	0.001%
24	5.138	1254	1259	1261	rBV3	767	640	0.01%	0.001%
25	5.164	1264	1267	1270	rVB2	1183	720	0.01%	0.001%
26	5.334	1296	1320	1356	rBV2	838289	2469878	28.68%	3.458%
27	5.881	1476	1490	1533	rBV	810437	1692606	19.65%	2.370%
28	6.183	1569	1584	1605	rBV	262022	532527	6.18%	0.746%
29	6.328	1615	1629	1652	rBV	524516	1085067	12.60%	1.519%
30	6.591	1709	1711	1716	rVB3	1216	1088	0.01%	0.002%
31	6.630	1716	1723	1729	rBV4	1225	1993	0.02%	0.003%
32	6.746	1754	1759	1763	rBV6	831	843	0.01%	0.001%
33	6.836	1783	1787	1792	rVB2	664	746	0.01%	0.001%
34	7.225	1896	1908	1938	rBV	296867	569975	6.62%	0.798%

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

35	7.369	1951	1953	1960	rVB4	1099	911	0.01%	0.001%
36	7.562	1999	2013	2036	rBV	1074052	1976977	22.95%	2.768%
37	7.849	2091	2102	2127	rBV	206366	375446	4.36%	0.526%
38	8.173	2200	2203	2208	rVB4	1669	1342	0.02%	0.002%
39	8.228	2211	2220	2233	rVB2	11144	17457	0.20%	0.024%
40	8.312	2233	2246	2278	rBV	823029	1550214	18.00%	2.170%
41	8.752	2378	2383	2385	rBV4	1089	868	0.01%	0.001%
42	8.771	2385	2389	2396	rVB5	1347	1511	0.02%	0.002%
43	8.804	2396	2399	2401	rBV3	1079	809	0.01%	0.001%
44	8.958	2444	2447	2452	rBV4	880	776	0.01%	0.001%
45	8.980	2452	2454	2462	rVB2	1058	847	0.01%	0.001%
46	9.041	2468	2473	2474	rBV3	1174	765	0.01%	0.001%
47	9.086	2474	2487	2530	rVV	1142420	1991904	23.13%	2.789%
48	9.376	2567	2577	2592	rBV2	29089	50598	0.59%	0.071%
49	9.463	2601	2604	2607	rVB5	1514	1040	0.01%	0.001%
50	9.659	2661	2665	2668	rBV3	1096	918	0.01%	0.001%
51	9.784	2693	2704	2708	rBV3	12549	21283	0.25%	0.030%
52	10.077	2793	2795	2798	rVB	1241	702	0.01%	0.001%
53	10.115	2805	2807	2811	rBV	891	792	0.01%	0.001%
54	10.164	2820	2822	2824	rBV3	1347	750	0.01%	0.001%
55	10.308	2860	2867	2868	rBV4	1479	1297	0.02%	0.002%
56	10.427	2892	2904	2925	rBV	778063	1269254	14.74%	1.777%
57	10.582	2949	2952	2954	rBV4	1191	810	0.01%	0.001%
58	10.681	2973	2983	2997	rBV5	9732	22649	0.26%	0.032%
59	10.775	3004	3012	3020	rBV3	7685	10312	0.12%	0.014%
60	10.852	3034	3036	3039	rBV3	1065	668	0.01%	0.001%
61	11.090	3104	3110	3114	rBV6	2026	2510	0.03%	0.004%
62	11.147	3120	3128	3139	rVB	27362	42665	0.50%	0.060%
63	11.218	3140	3150	3158	rBV	34037	53928	0.63%	0.076%
64	11.270	3159	3166	3179	rVB5	13287	22649	0.26%	0.032%
65	11.479	3219	3231	3249	rBV	1167598	1875793	21.78%	2.626%
66	11.755	3312	3317	3318	rBV4	2380	1974	0.02%	0.003%
67	11.855	3337	3348	3374	rBV	1027496	1685042	19.56%	2.359%
68	11.980	3380	3387	3399	rVB	51243	81926	0.95%	0.115%
69	12.102	3423	3425	3430	rBV6	1452	1166	0.01%	0.002%
70	12.209	3456	3458	3460	rBV3	2046	1277	0.01%	0.002%
71	12.430	3518	3527	3533	rBV5	13766	22030	0.26%	0.031%

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72	12.482	3537	3543	3544	rBV5	4590	3891	0.05%	0.005%
73	12.829	3644	3651	3660	rVB6	10596	15776	0.18%	0.022%
74	13.118	3734	3741	3752	rBV5	14244	24757	0.29%	0.035%
75	13.189	3753	3763	3772	rBV3	41439	68675	0.80%	0.096%
76	13.292	3785	3795	3812	rVB	50500	96418	1.12%	0.135%
77	13.739	3923	3934	3953	rBV	1052359	1771513	20.57%	2.480%
78	14.138	4052	4058	4065	rBV5	18317	24699	0.29%	0.035%
79	14.337	4113	4120	4129	rBV6	27255	44379	0.52%	0.062%
80	14.466	4151	4160	4173	rVB4	26526	58063	0.67%	0.081%
81	14.588	4191	4198	4208	rVB3	18047	27067	0.31%	0.038%
82	14.729	4236	4242	4256	rVB7	40437	71452	0.83%	0.100%
83	14.819	4263	4270	4274	rBV2	23092	33209	0.39%	0.046%
84	14.871	4274	4286	4312	rVV	5511187	8613253	100.00%	12.059%
85	15.057	4332	4344	4363	rBV	2709852	4341600	50.41%	6.079%
86	15.604	4504	4514	4525	rBV	689841	1063287	12.34%	1.489%
87	15.794	4565	4573	4581	rBV	667739	998223	11.59%	1.398%
88	15.909	4597	4609	4624	rBV	4249982	7169142	83.23%	10.037%
89	16.054	4644	4654	4661	rBV	3480532	5460785	63.40%	7.646%
90	16.093	4662	4666	4681	rVB	1779643	2432645	28.24%	3.406%
91	16.186	4684	4695	4707	rBV	1948877	3007585	34.92%	4.211%
92	16.279	4708	4724	4747	rVB	1273334	2902398	33.70%	4.064%
93	16.427	4761	4770	4781	rBV	598846	937939	10.89%	1.313%
94	16.520	4788	4799	4817	rBV2	2447915	4479384	52.01%	6.272%
95	16.626	4825	4832	4843	rVB2	562790	903202	10.49%	1.265%
96	16.967	4933	4938	4945	rVB	521942	675167	7.84%	0.945%
97	17.015	4946	4953	4974	rVB3	792217	1691898	19.64%	2.369%
98	17.163	4989	4999	5009	rBV	1084969	1809880	21.01%	2.534%
99	17.224	5010	5018	5028	rVB	695611	1069496	12.42%	1.497%
100	17.527	5103	5112	5126	rVB2	529850	961948	11.17%	1.347%

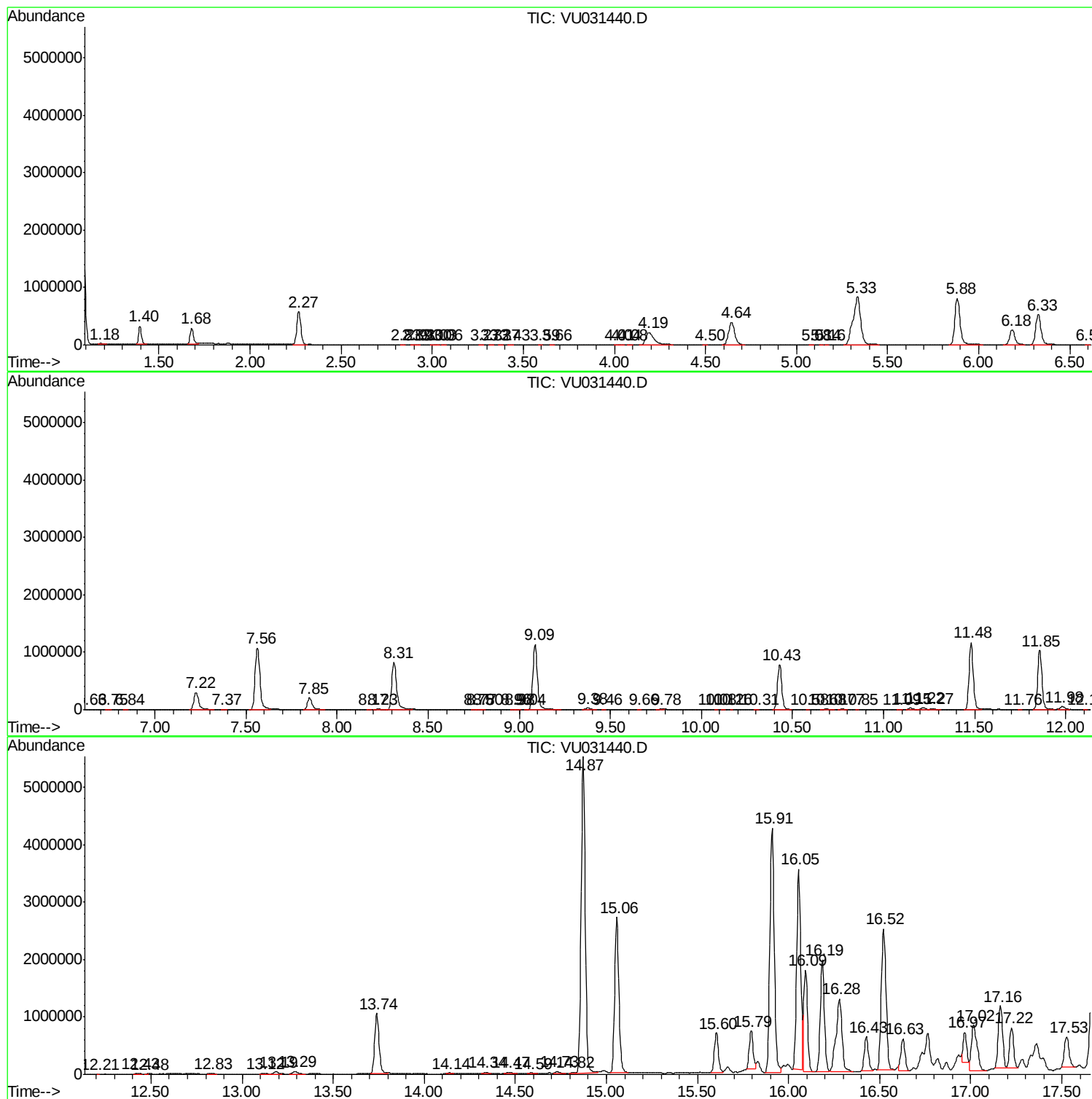
Sum of corrected areas: 71424126

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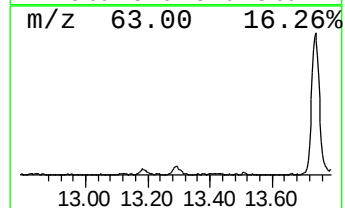
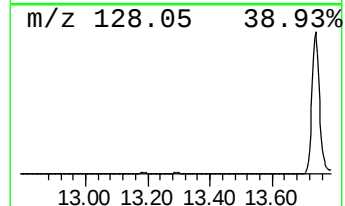
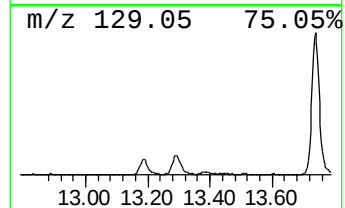
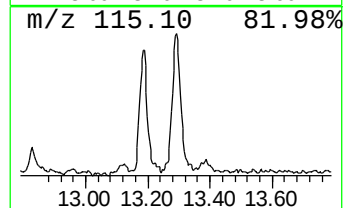
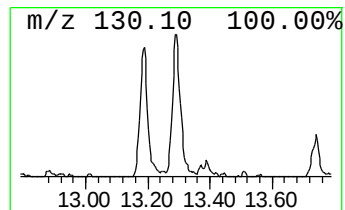
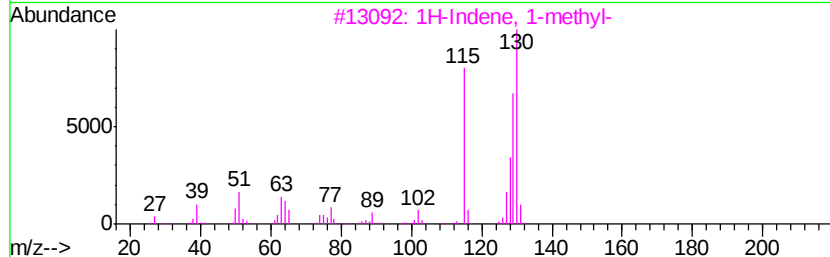
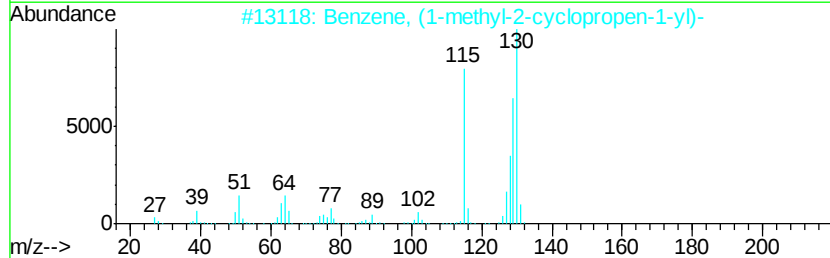
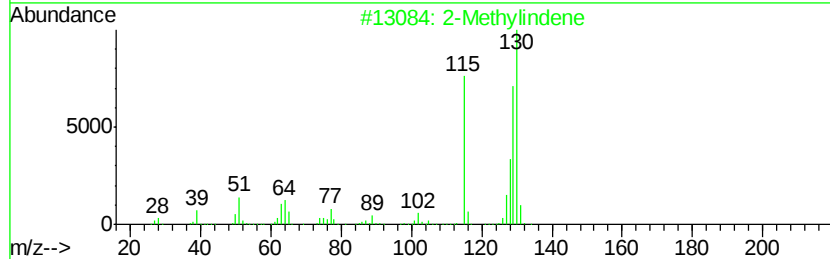
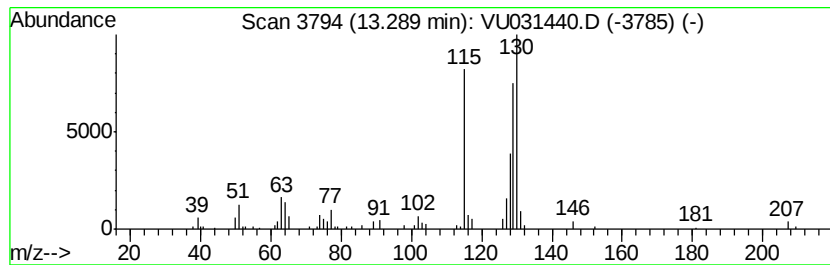
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 2-Methylindene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.57 ug/L	96418	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	96
2		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5		Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	93



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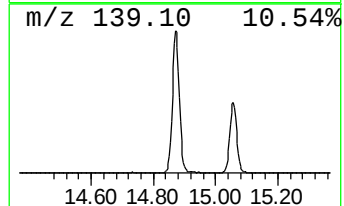
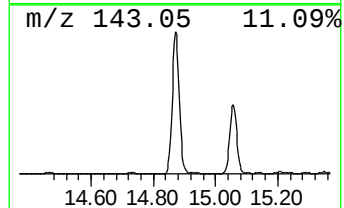
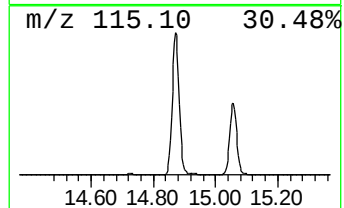
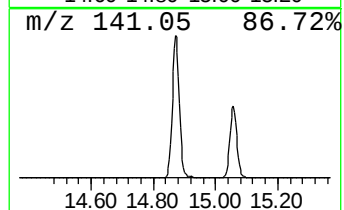
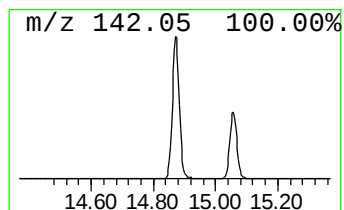
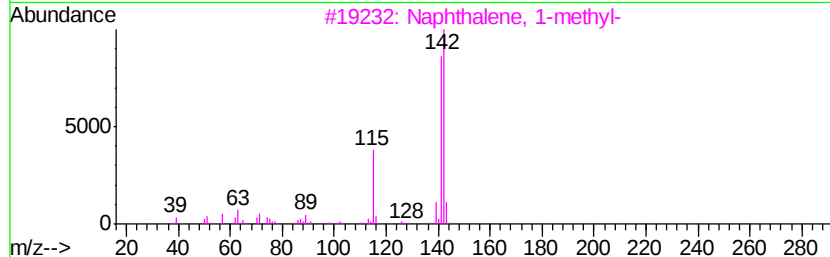
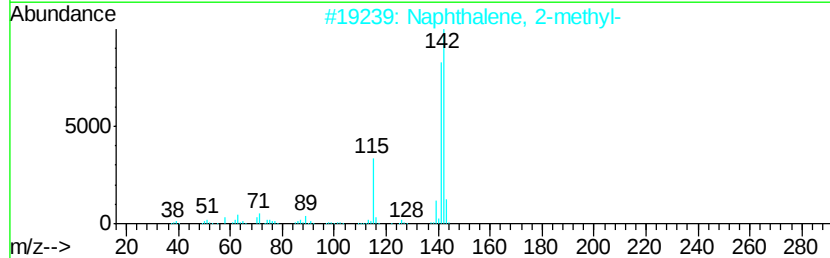
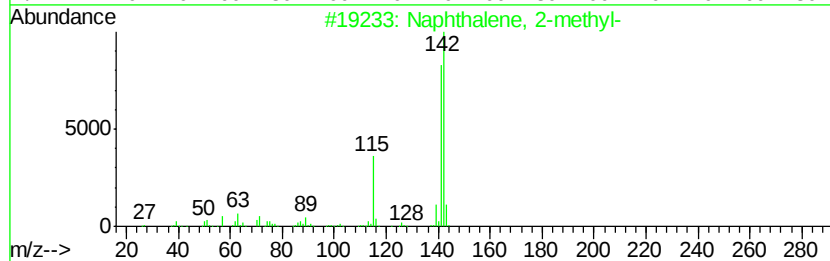
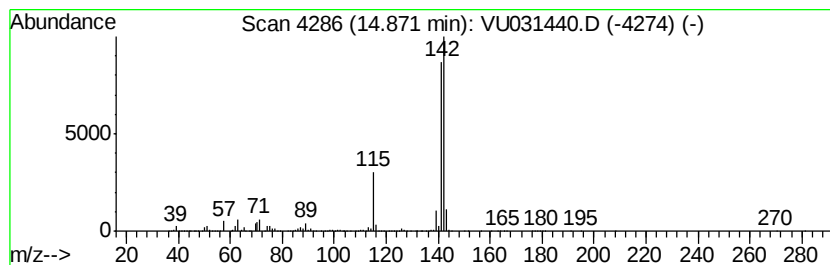
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Quant Title : VOC Analysis

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

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	229.59 ug/L	8613250	1,4-Dichlorobenzene-d4	11.48

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



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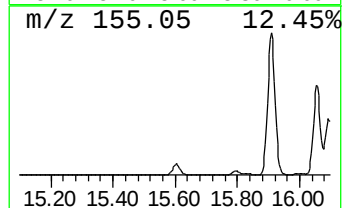
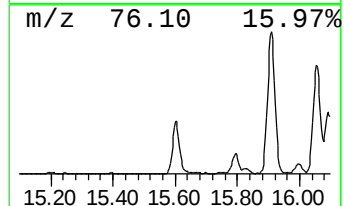
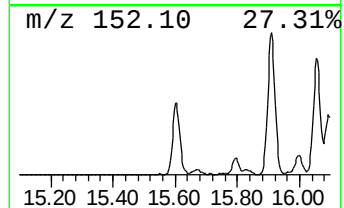
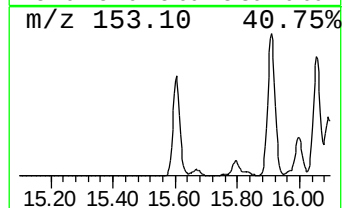
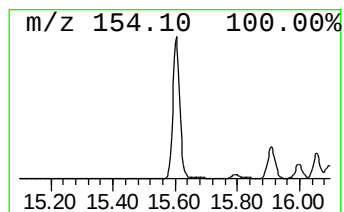
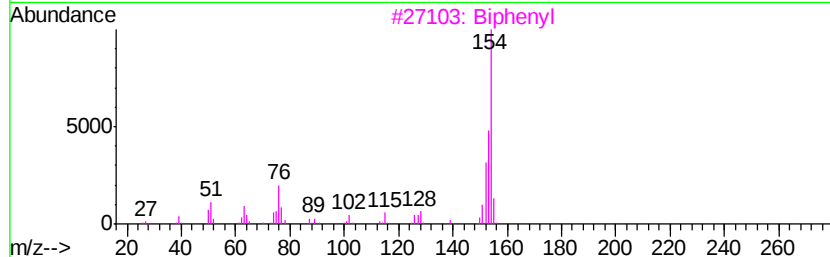
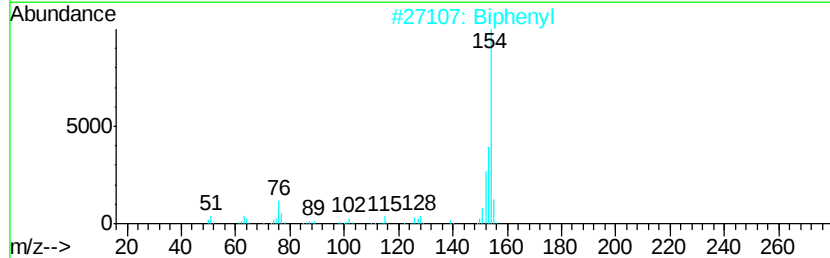
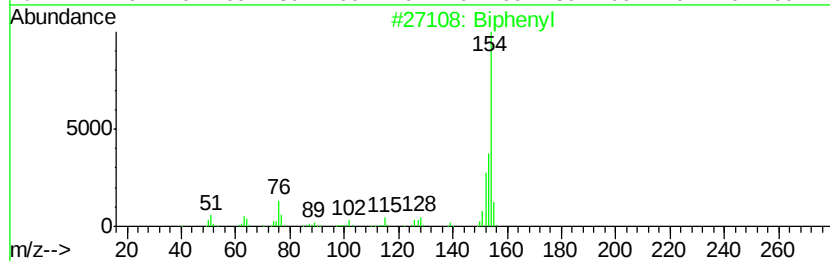
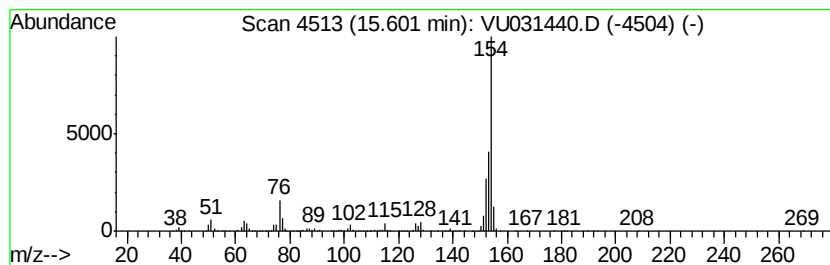
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Quant Title : VOC Analysis

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

Peak Number 6 Biphenyl Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	28.34 ug/L	1063290	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenyl	154	C12H10	000092-52-4	95
2		Biphenyl	154	C12H10	000092-52-4	95
3		Biphenyl	154	C12H10	000092-52-4	87
4		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
5		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031440.D
Acq On : 23 Apr 2019 15:59
Operator : JC/SP
Sample : K2536-02 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X22

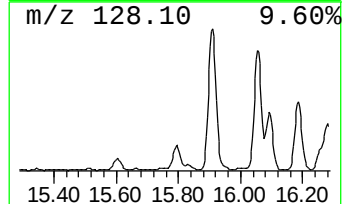
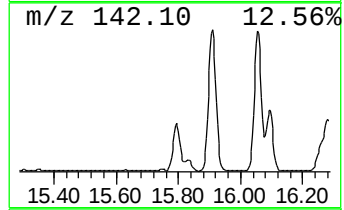
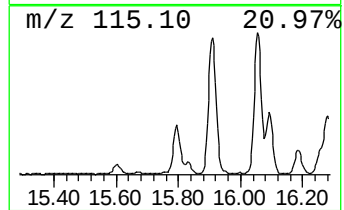
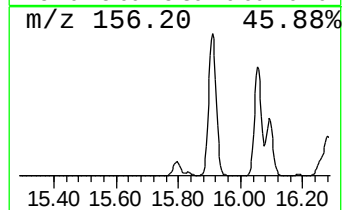
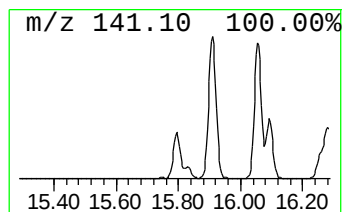
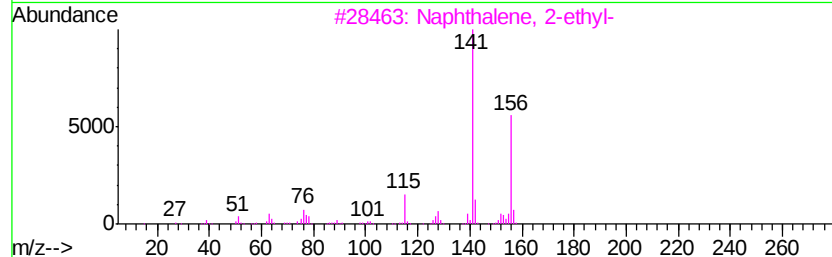
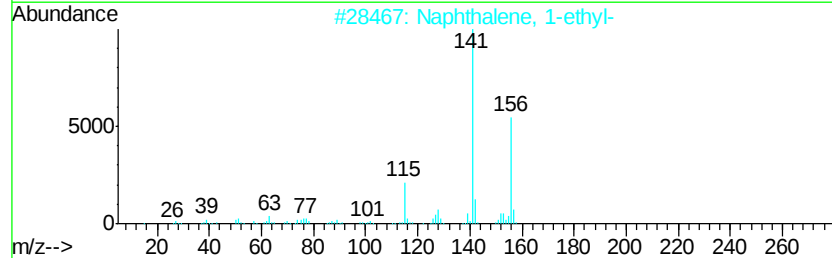
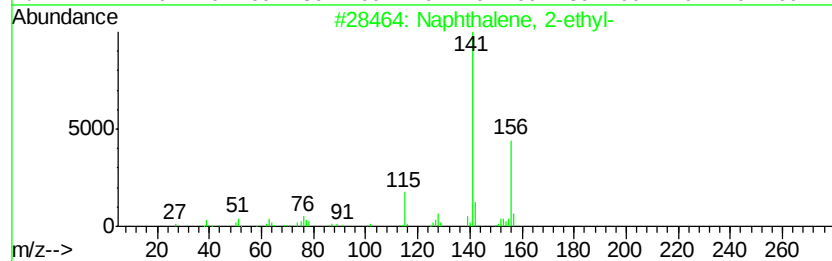
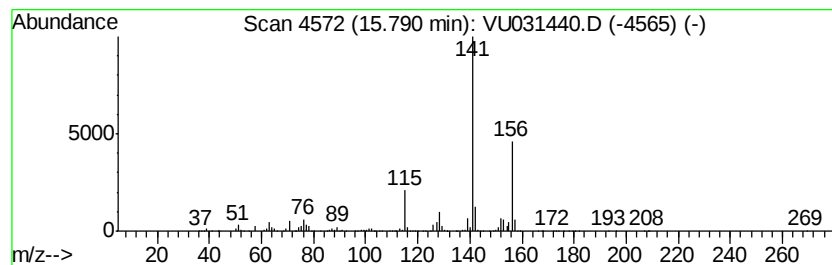
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Quant Title : VOC Analysis

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

Peak Number 7 Naphthalene, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	26.61 ug/L	998223	1,4-Dichlorobenzene-d4	11.48

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031440.D
Acq On : 23 Apr 2019 15:59
Operator : JC/SP
Sample : K2536-02 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X22

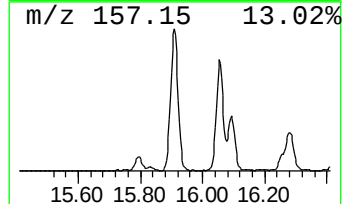
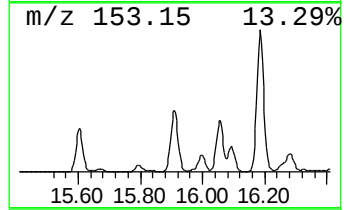
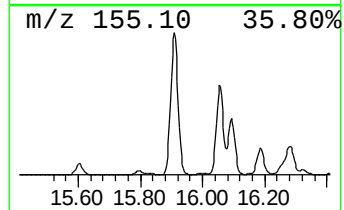
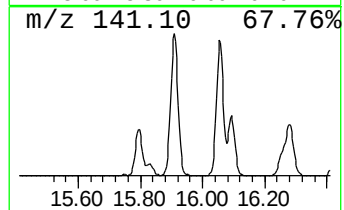
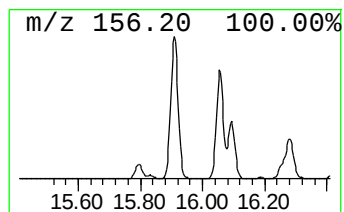
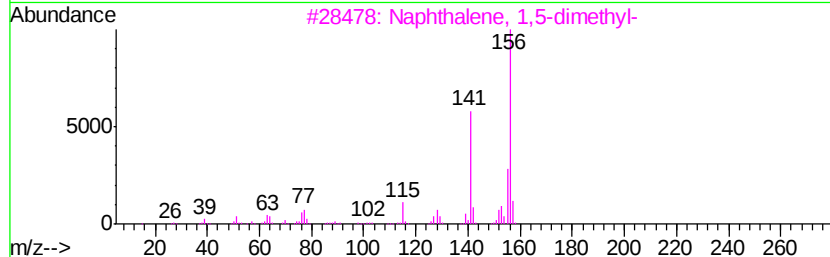
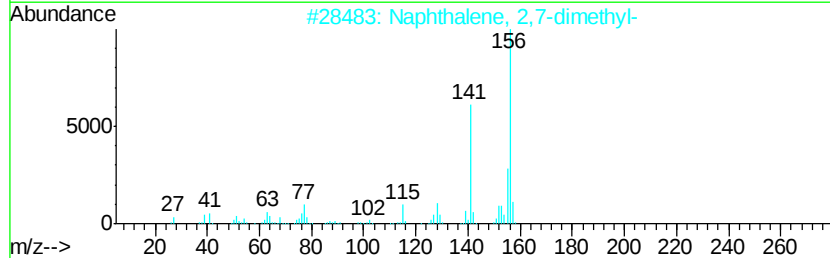
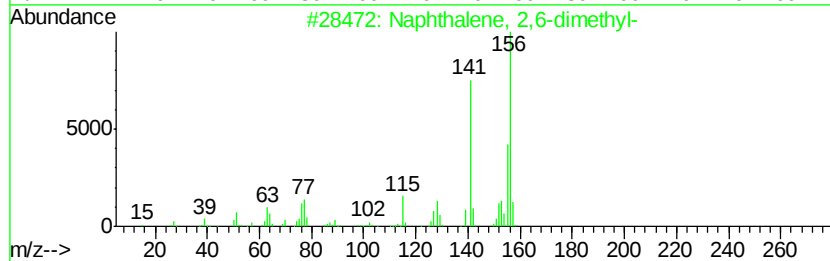
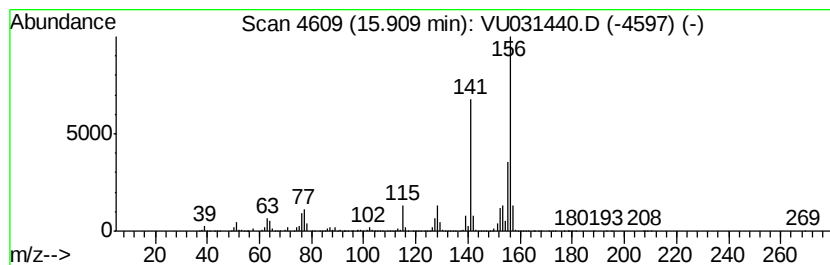
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Quant Title : VOC Analysis

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

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	191.10 ug/L	7169140	1,4-Dichlorobenzene-d4	11.48

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, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031440.D
Acq On : 23 Apr 2019 15:59
Operator : JC/SP
Sample : K2536-02 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X22

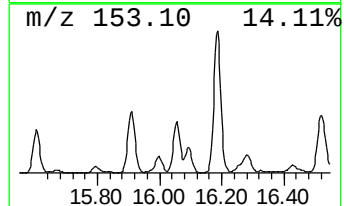
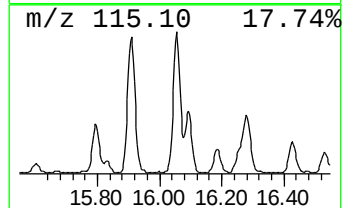
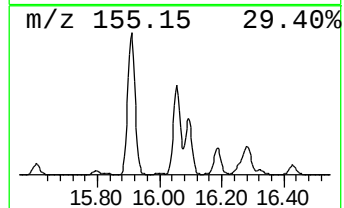
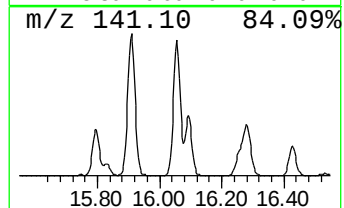
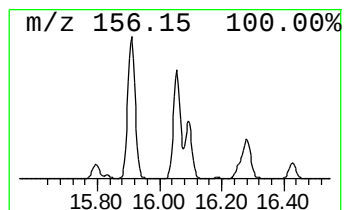
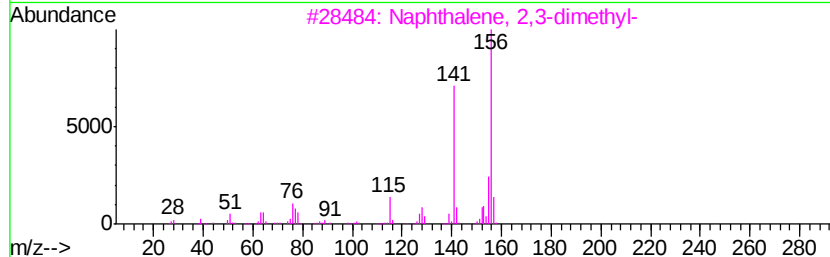
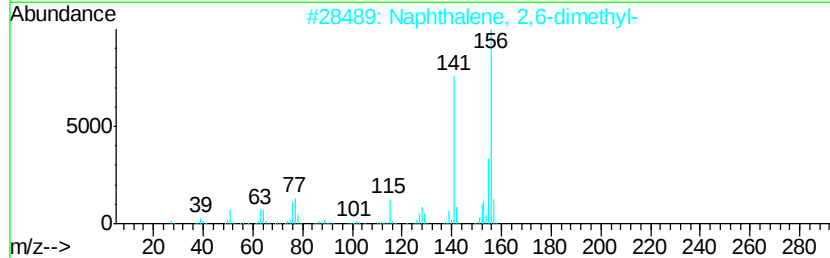
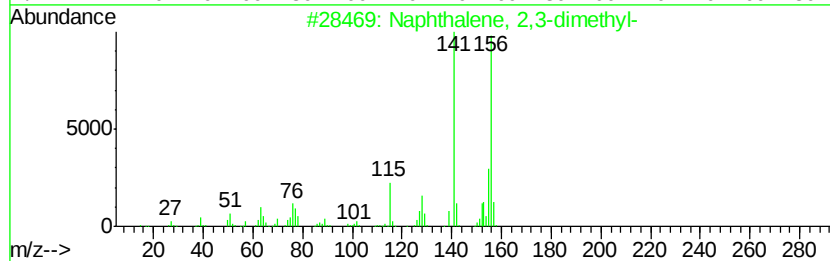
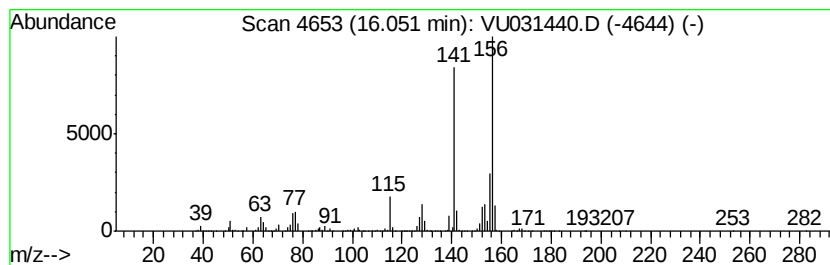
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Quant Title : VOC Analysis

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	145.56 ug/L	5460790	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031440.D
Acq On : 23 Apr 2019 15:59
Operator : JC/SP
Sample : K2536-02 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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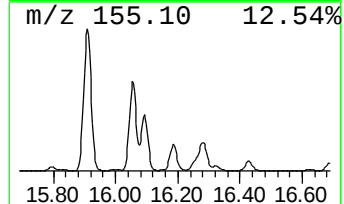
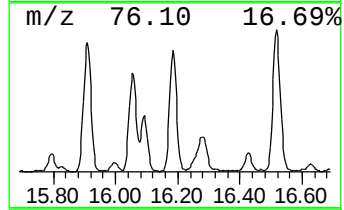
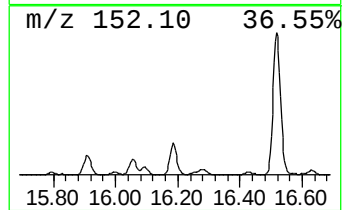
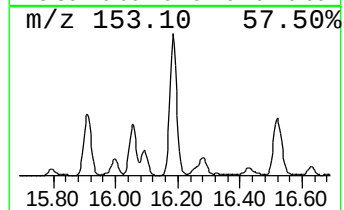
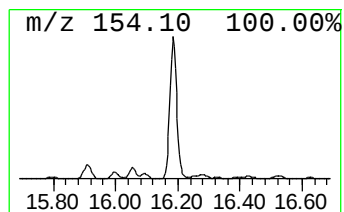
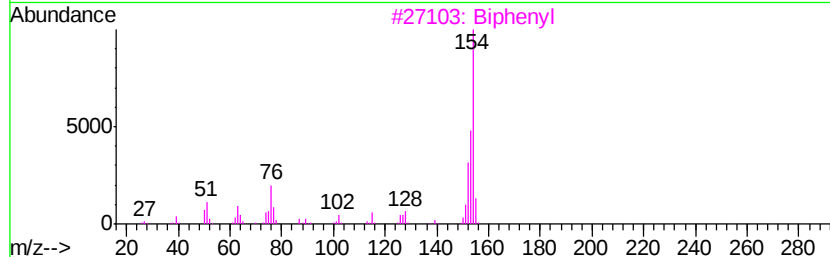
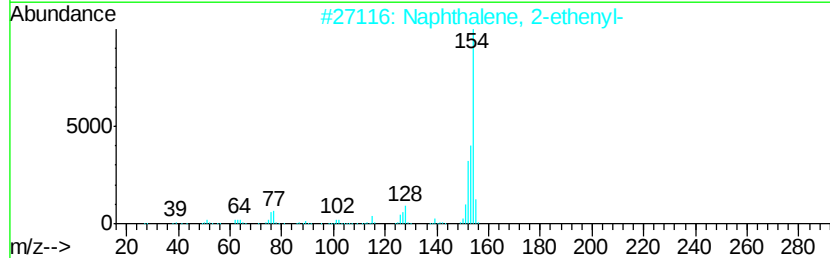
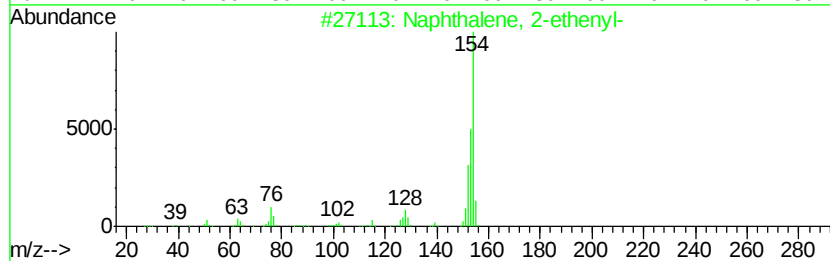
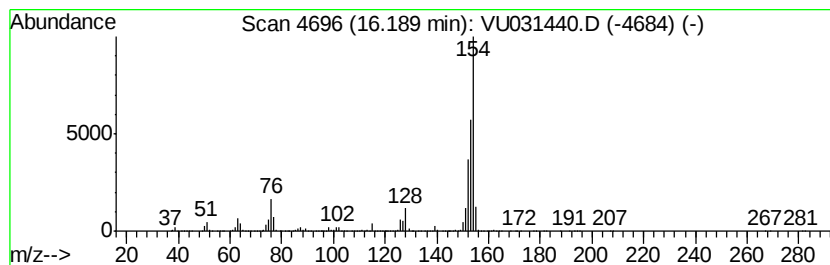
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	80.17 ug/L	3007590	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	94
2		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	93
3		Biphenyl	154	C12H10	000092-52-4	93
4		Biphenyl	154	C12H10	000092-52-4	90
5		Acenaphthene	154	C12H10	000083-32-9	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031440.D
Acq On : 23 Apr 2019 15:59
Operator : JC/SP
Sample : K2536-02 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X22

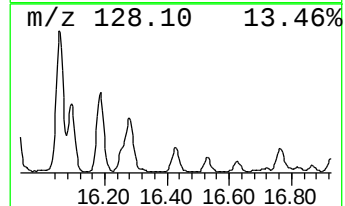
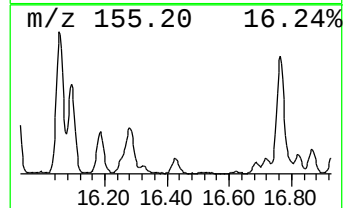
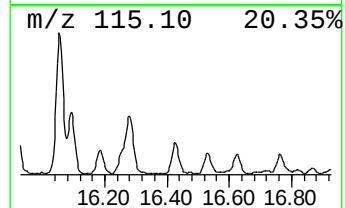
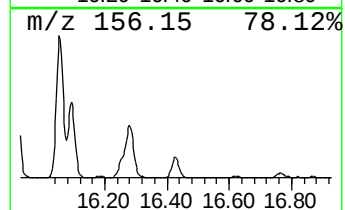
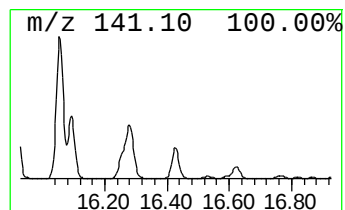
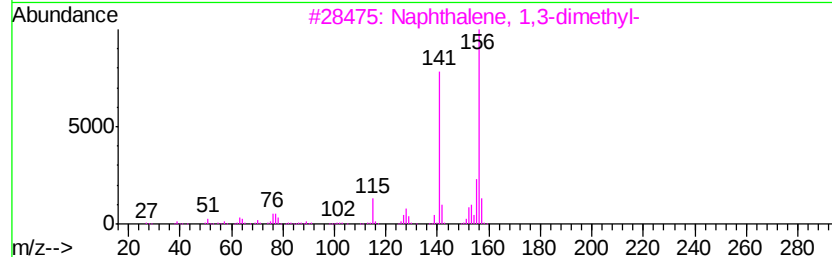
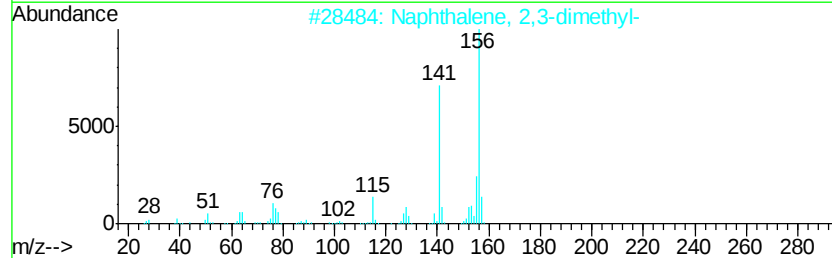
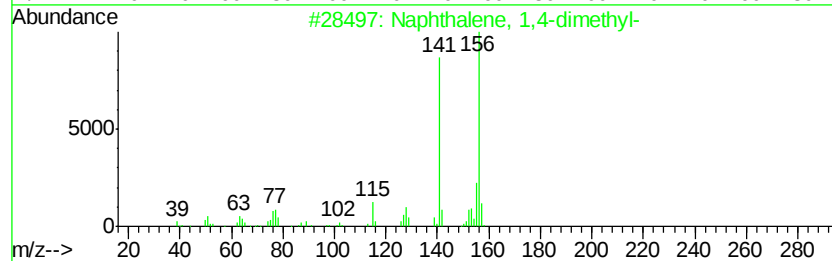
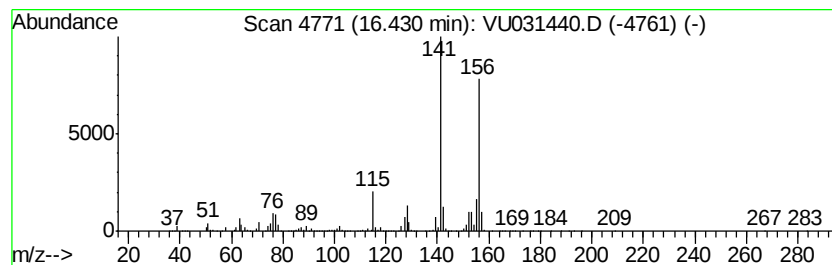
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Quant Title : VOC Analysis

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

Peak Number 13 Naphthalene, 1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	25.00 ug/L	937939	1,4-Dichlorobenzene-d4	11.48

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031440.D
Acq On : 23 Apr 2019 15:59
Operator : JC/SP
Sample : K2536-02 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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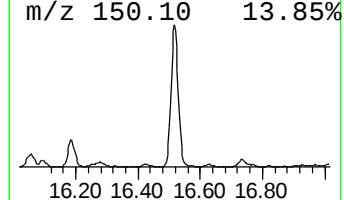
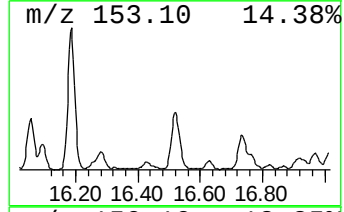
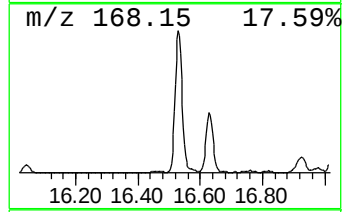
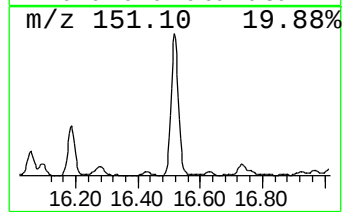
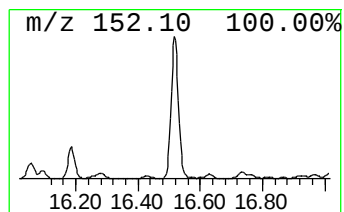
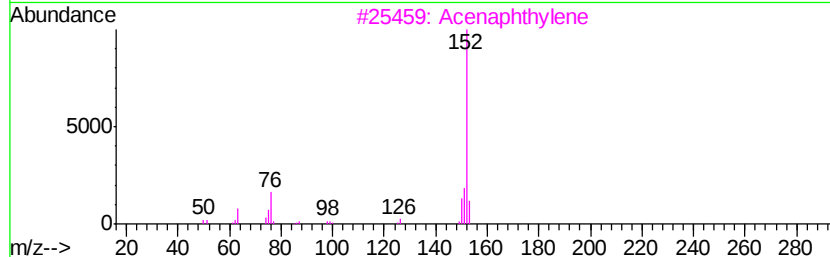
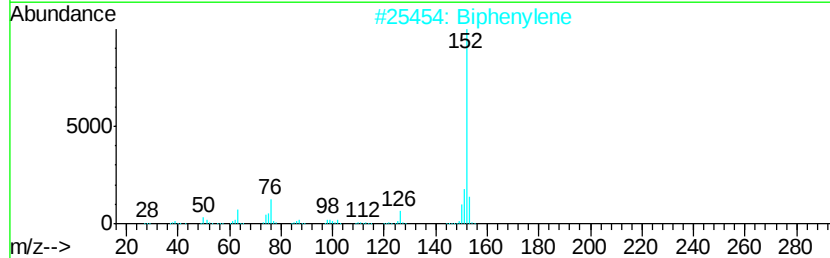
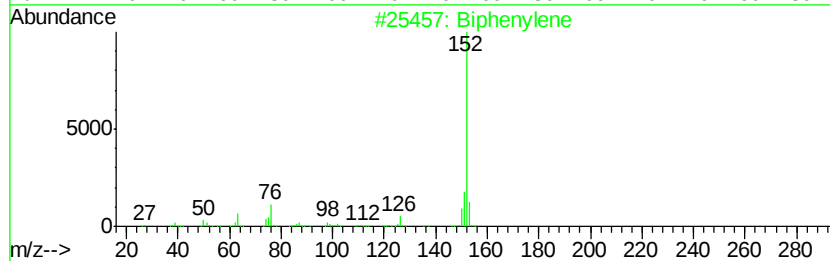
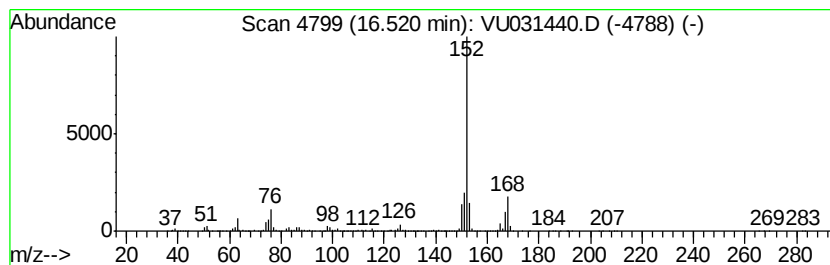
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Quant Title : VOC Analysis

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

Peak Number 14 Biphenylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	119.40 ug/L	4479380	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenylene	152	C12H8	000259-79-0	93
2		Biphenylene	152	C12H8	000259-79-0	90
3		Acenaphthylene	152	C12H8	000208-96-8	76
4		Acenaphthylene	152	C12H8	000208-96-8	76
5		Acenaphthylene	152	C12H8	000208-96-8	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031440.D
Acq On : 23 Apr 2019 15:59
Operator : JC/SP
Sample : K2536-02 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X22

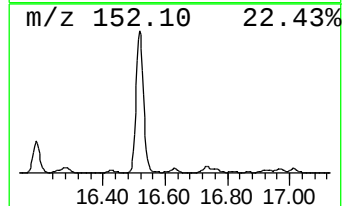
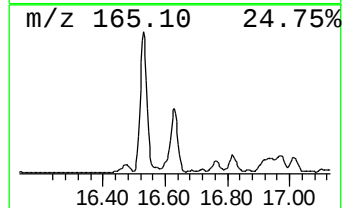
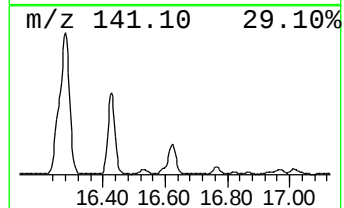
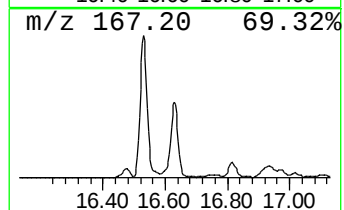
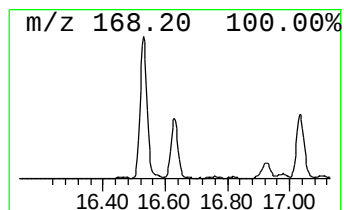
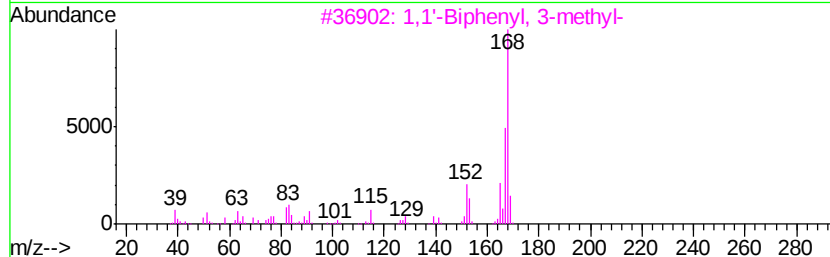
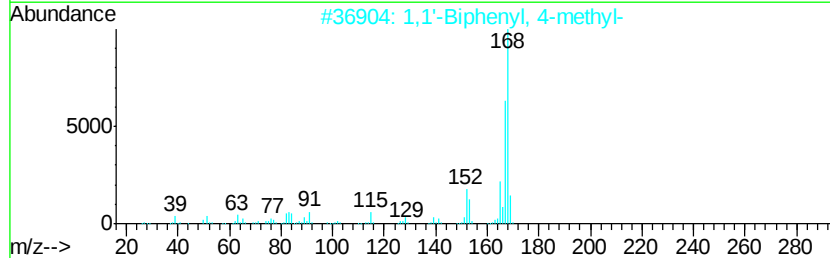
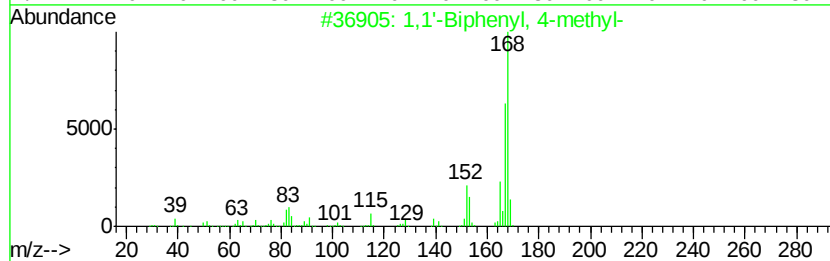
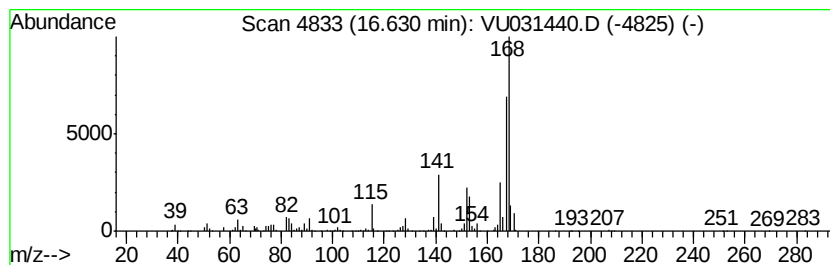
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Quant Title : VOC Analysis

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

Peak Number 15 1,1'-Biphenyl, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	24.08 ug/L	903202	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	95
2		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	93
3		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	89
4		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	59
5		Diphenylmethane	168	C13H12	000101-81-5	58



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031440.D
Acq On : 23 Apr 2019 15:59
Operator : JC/SP
Sample : K2536-02 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X22

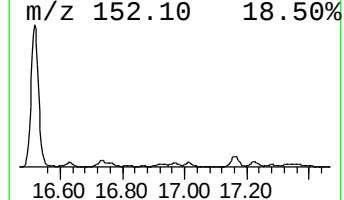
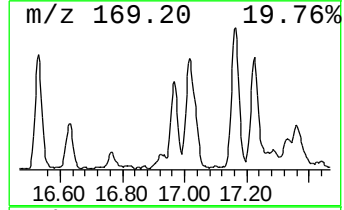
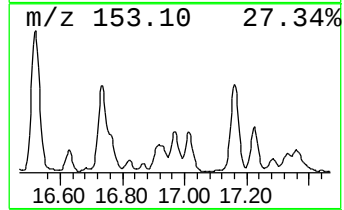
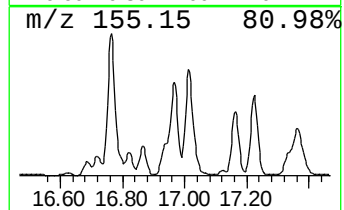
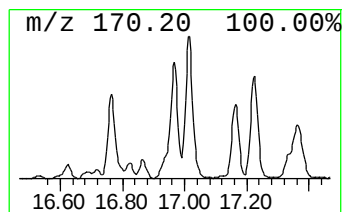
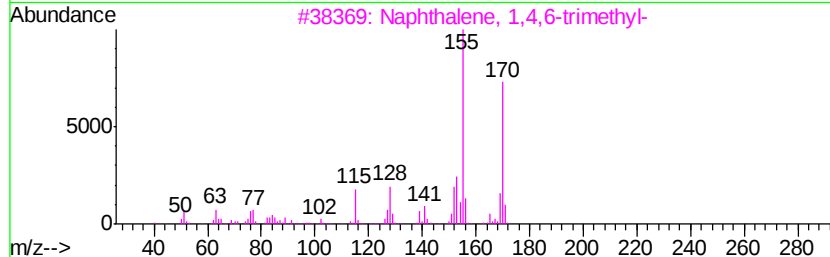
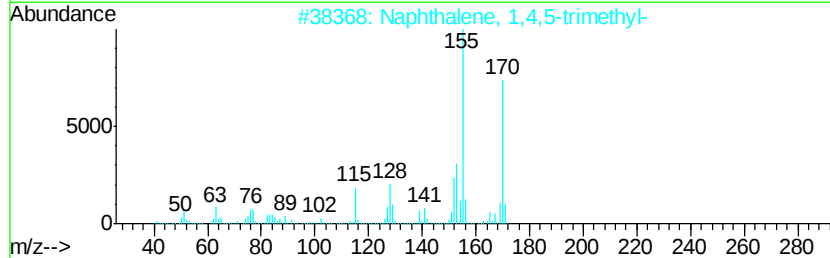
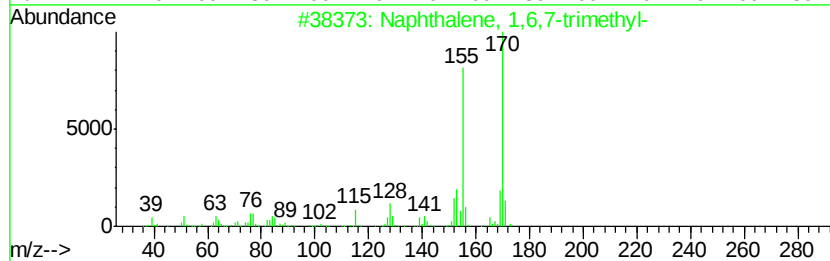
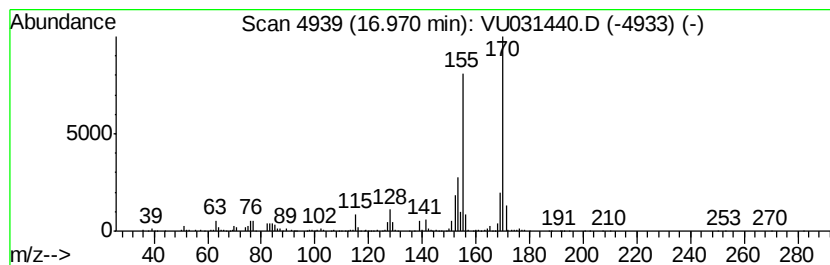
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Quant Title : VOC Analysis

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

Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	18.00 ug/L	675167	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031440.D
Acq On : 23 Apr 2019 15:59
Operator : JC/SP
Sample : K2536-02 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X22

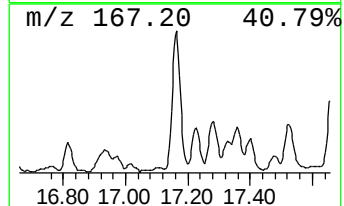
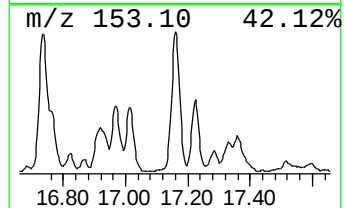
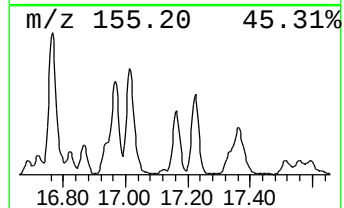
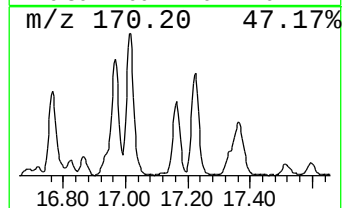
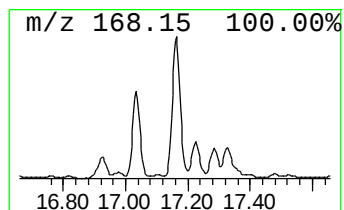
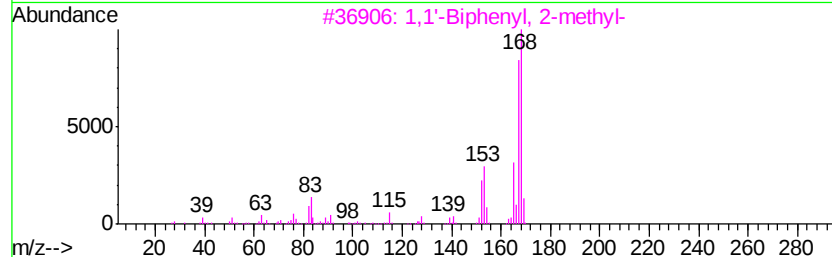
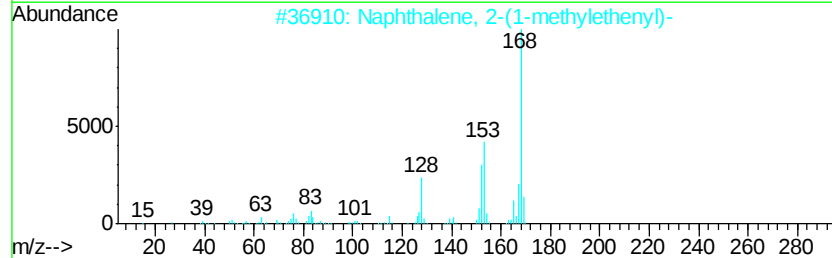
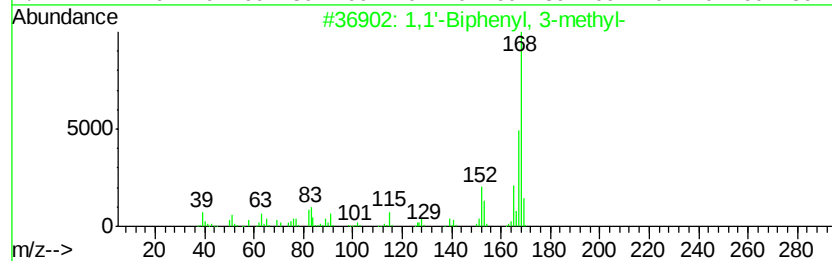
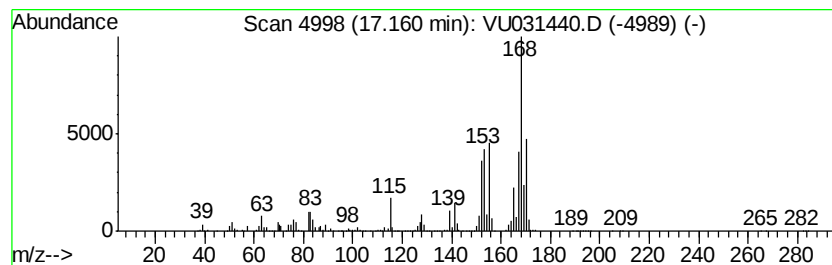
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Quant Title : VOC Analysis

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

Peak Number 18 1,1'-Biphenyl, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	48.24 ug/L	1809880	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	64
2		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	46
3		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
5		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031440.D
Acq On : 23 Apr 2019 15:59
Operator : JC/SP
Sample : K2536-02 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X22

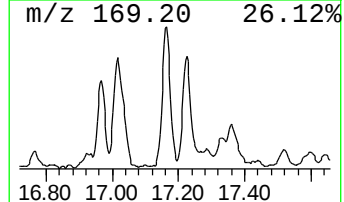
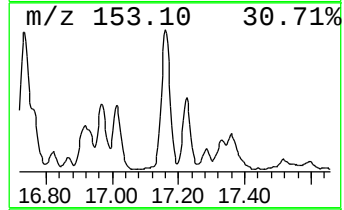
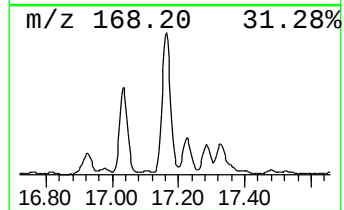
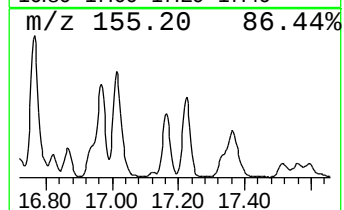
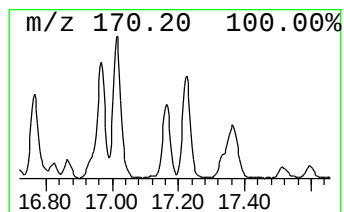
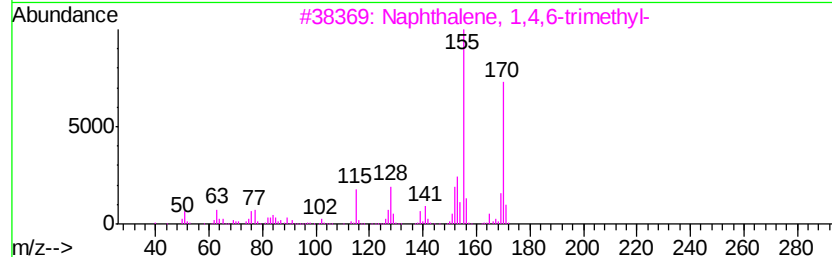
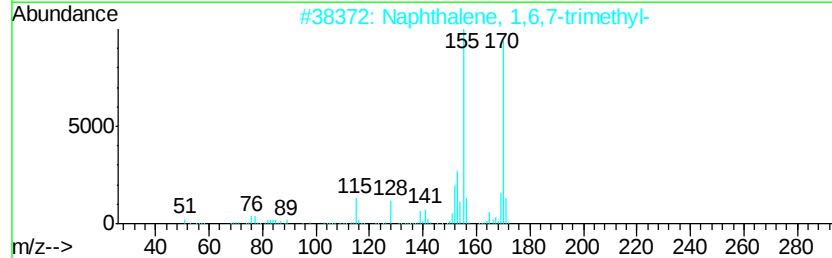
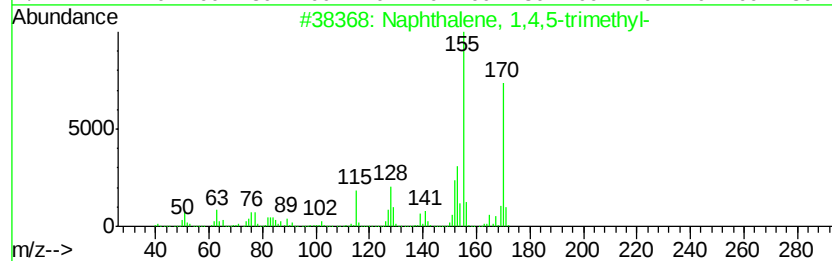
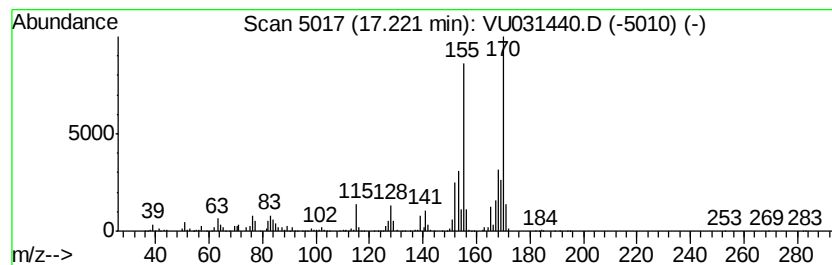
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Quant Title : VOC Analysis

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

Peak Number 19 Naphthalene, 1,4,5-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	28.51 ug/L	1069500	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031440.D
Acq On : 23 Apr 2019 15:59
Operator : JC/SP
Sample : K2536-02 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X22

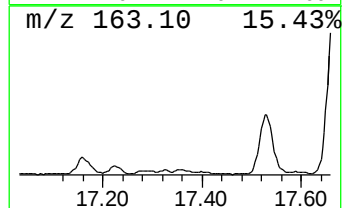
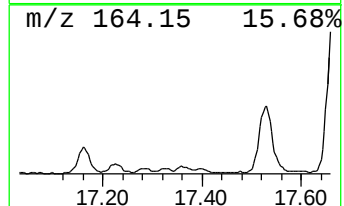
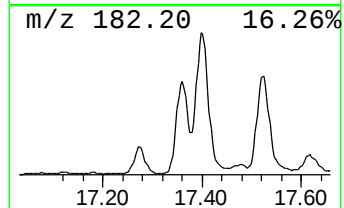
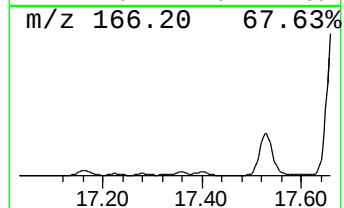
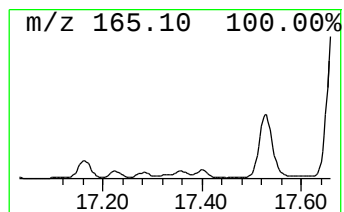
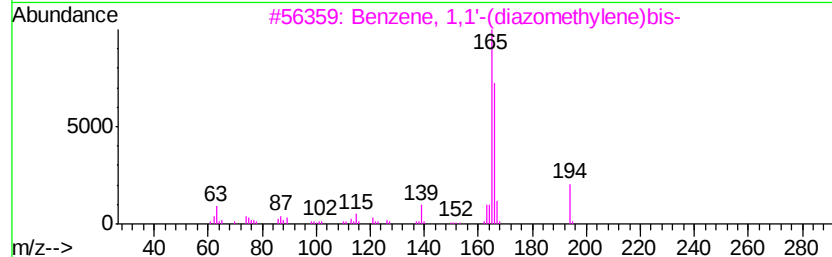
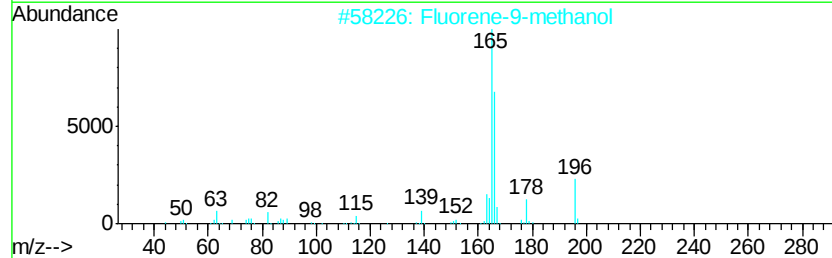
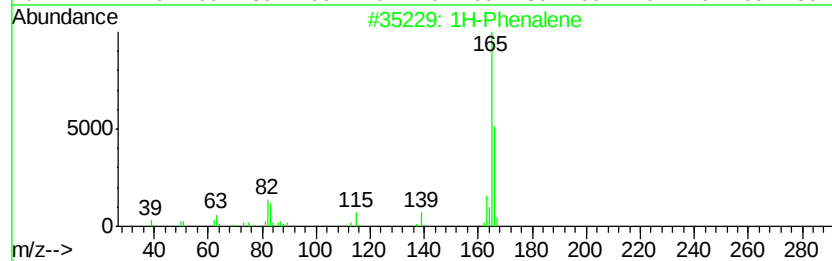
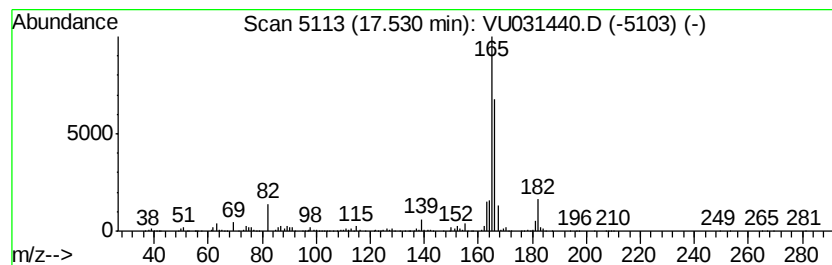
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis

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

Peak Number 20 1H-Phenalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	25.64 ug/L	961948	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	64
2		Fluorene-9-methanol	196	C14H12O	024324-17-2	56
3		Benzene, 1,1'-(diazomethvlene)bis-	194	C13H10N2	000883-40-9	56
4		9H-Fluorene-9-thiol	198	C13H10S	019552-08-0	50
5		Fluorene	166	C13H10	000086-73-7	49



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042319\
 Data File : VU031440.D
 Acq On : 23 Apr 2019 15:59
 Operator : JC/SP
 Sample : K2536-02 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X22

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
2-Methylindene	13.29	2.6	ug/L	96418	3	11.48	1875790	50.0
Naphthalene, 1-me...	14.87	229.6	ug/L	8613250	3	11.48	1875790	50.0
Biphenyl	15.60	28.3	ug/L	1063290	3	11.48	1875790	50.0
Naphthalene, 2-et...	15.79	26.6	ug/L	998223	3	11.48	1875790	50.0
Naphthalene, 2,6-...	15.91	191.1	ug/L	7169140	3	11.48	1875790	50.0
Naphthalene, 2,3-...	16.05	145.6	ug/L	5460790	3	11.48	1875790	50.0
Naphthalene, 2-et...	16.19	80.2	ug/L	3007590	3	11.48	1875790	50.0
Naphthalene, 1,4-...	16.43	25.0	ug/L	937939	3	11.48	1875790	50.0
Biphenylene	16.52	119.4	ug/L	4479380	3	11.48	1875790	50.0
1,1'-Biphenyl, 4-...	16.63	24.1	ug/L	903202	3	11.48	1875790	50.0
Naphthalene, 1,6,...	16.97	18.0	ug/L	675167	3	11.48	1875790	50.0
1,1'-Biphenyl, 3-...	17.16	48.2	ug/L	1809880	3	11.48	1875790	50.0
Naphthalene, 1,4,...	17.22	28.5	ug/L	1069500	3	11.48	1875790	50.0
1H-Phenalene	17.53	25.6	ug/L	961948	3	11.48	1875790	50.0