

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042019\
 Data File : VU031374.D
 Acq On : 19 Apr 2019 21:04
 Operator : JC/SP
 Sample : K2455-10
 Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHR0

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\SOMULM041719WMA.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	35	rBV3	11924	13367	0.06%	0.012%
2	1.395	88	95	109	rBV	163969	258416	1.07%	0.237%
3	1.678	177	183	200	rBV	108376	208601	0.86%	0.191%
4	2.241	348	358	385	rVB	441661	743423	3.07%	0.681%
5	2.636	477	481	484	rBV4	1432	1407	0.01%	0.001%
6	2.682	489	495	508	rVB7	4969	10771	0.04%	0.010%
7	3.009	594	597	601	rBV4	962	785	0.00%	0.001%
8	3.148	637	640	644	rBV3	1059	888	0.00%	0.001%
9	3.270	671	678	681	rBV4	1458	1878	0.01%	0.002%
10	3.415	718	723	725	rBV2	1305	1128	0.00%	0.001%
11	3.849	853	858	863	rBV3	913	834	0.00%	0.001%
12	3.910	869	877	880	rBV5	1063	1140	0.00%	0.001%
13	4.212	956	971	1003	rBV2	108094	521674	2.15%	0.478%
14	4.643	1087	1105	1136	rBV	307541	835888	3.45%	0.765%
15	4.881	1174	1179	1181	rBV5	2129	1569	0.01%	0.001%
16	5.054	1230	1233	1242	rVB4	1076	1165	0.00%	0.001%
17	5.173	1267	1270	1272	rBV2	1385	911	0.00%	0.001%
18	5.328	1297	1318	1365	rBV2	768996	2247775	9.27%	2.058%
19	5.588	1394	1399	1400	rBV4	1145	907	0.00%	0.001%
20	5.607	1402	1405	1407	rBV4	1915	1346	0.01%	0.001%
21	5.881	1475	1490	1533	rVV	709516	1682510	6.94%	1.541%
22	6.173	1570	1581	1583	rBV8	5574	8862	0.04%	0.008%
23	6.254	1599	1606	1610	rBV5	5536	8415	0.03%	0.008%
24	6.328	1615	1629	1661	rVB	436954	1021231	4.21%	0.935%
25	6.566	1698	1703	1708	rBV6	1443	1517	0.01%	0.001%
26	6.778	1764	1769	1774	rVB4	1098	1039	0.00%	0.001%
27	6.884	1797	1802	1804	rBV4	1574	1527	0.01%	0.001%
28	6.980	1829	1832	1837	rVB2	1256	1133	0.00%	0.001%
29	7.032	1844	1848	1853	rBV5	1285	1235	0.01%	0.001%
30	7.228	1896	1909	1940	rBV2	226191	521711	2.15%	0.478%
31	7.379	1951	1956	1958	rBV4	735	823	0.00%	0.001%
32	7.562	1999	2013	2046	rBV	907871	1822074	7.52%	1.668%
33	7.852	2092	2103	2135	rVV2	143501	347724	1.43%	0.318%
34	8.041	2159	2162	2166	rBV5	2075	1490	0.01%	0.001%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Title : VOC Analysis

35	8.225	2214	2219	2223	rBV7	2043	2255	0.01%	0.002%
36	8.347	2240	2257	2290	rBV2	473651	1387061	5.72%	1.270%
37	8.903	2425	2430	2436	rBV7	1301	1378	0.01%	0.001%
38	8.977	2449	2453	2456	rVB2	1146	886	0.00%	0.001%
39	9.093	2474	2489	2523	rBV	982145	1989445	8.21%	1.822%
40	9.379	2571	2578	2579	rBV6	4284	4708	0.02%	0.004%
41	9.524	2620	2623	2626	rVB3	1429	950	0.00%	0.001%
42	9.543	2626	2629	2632	rBV3	1304	971	0.00%	0.001%
43	9.665	2663	2667	2669	rBV	1071	770	0.00%	0.001%
44	9.765	2694	2698	2699	rBV2	1219	779	0.00%	0.001%
45	9.781	2700	2703	2704	rBV2	1568	997	0.00%	0.001%
46	9.916	2743	2745	2749	rVB3	1752	1124	0.00%	0.001%
47	10.164	2817	2822	2825	rBV4	1189	1233	0.01%	0.001%
48	10.254	2847	2850	2855	rVB5	1052	831	0.00%	0.001%
49	10.311	2861	2868	2871	rBV8	1368	1786	0.01%	0.002%
50	10.389	2887	2892	2894	rBV4	1440	1348	0.01%	0.001%
51	10.440	2895	2908	2930	rVB	550267	939202	3.87%	0.860%
52	10.585	2949	2953	2956	rBV4	2192	2072	0.01%	0.002%
53	10.604	2956	2959	2963	rVB4	1518	1257	0.01%	0.001%
54	10.675	2978	2981	2982	rBV2	2180	1222	0.01%	0.001%
55	10.755	3000	3006	3010	rBV6	9153	12159	0.05%	0.011%
56	10.813	3019	3024	3034	rVB6	8312	11559	0.05%	0.011%
57	10.893	3047	3049	3053	rBV4	1033	775	0.00%	0.001%
58	10.919	3054	3057	3061	rVV6	1515	1093	0.00%	0.001%
59	11.048	3093	3097	3099	rBV3	2269	1947	0.01%	0.002%
60	11.112	3110	3117	3121	rBV9	3203	4430	0.02%	0.004%
61	11.157	3124	3131	3140	rVB5	11300	17802	0.07%	0.016%
62	11.221	3145	3151	3160	rVB5	7669	10851	0.04%	0.010%
63	11.270	3162	3166	3169	rBV5	3085	2705	0.01%	0.002%
64	11.485	3221	3233	3254	rBV	1031608	1672640	6.90%	1.532%
65	11.781	3317	3325	3328	rBV9	6408	9176	0.04%	0.008%
66	11.861	3339	3350	3370	rVB	860437	1426793	5.89%	1.306%
67	11.977	3380	3386	3394	rBV7	24393	39122	0.16%	0.036%
68	12.022	3394	3400	3409	rVB2	69727	99180	0.41%	0.091%
69	12.151	3431	3440	3441	rBV2	13911	17386	0.07%	0.016%
70	12.225	3456	3463	3466	rBV6	21130	28686	0.12%	0.026%
71	12.311	3482	3490	3498	rBV5	19416	32473	0.13%	0.030%

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 Title : VOC Analysis

72	12.427	3517	3526	3537	rVV	102920	158643	0.65%	0.145%
73	12.488	3537	3545	3559	rVB5	35707	65510	0.27%	0.060%
74	12.704	3605	3612	3628	rBV3	65300	134920	0.56%	0.124%
75	12.826	3642	3650	3663	rBV4	88274	160489	0.66%	0.147%
76	13.083	3723	3730	3734	rBV8	43443	60958	0.25%	0.056%
77	13.122	3734	3742	3756	rVV2	324037	492807	2.03%	0.451%
78	13.282	3784	3792	3810	rVB6	123391	259831	1.07%	0.238%
79	13.369	3813	3819	3825	rVB	58342	73232	0.30%	0.067%
80	13.739	3925	3934	3945	rBV	1431621	2189020	9.03%	2.004%
81	14.138	4051	4058	4066	rBV2	367177	508073	2.10%	0.465%
82	14.337	4112	4120	4129	rBV2	232092	382944	1.58%	0.351%
83	14.874	4275	4287	4303	rBV	15606957	24238394	100.00%	22.194%
84	15.057	4333	4344	4364	rBV	7165068	11521442	47.53%	10.550%
85	15.604	4504	4514	4524	rBV	1564831	2380220	9.82%	2.179%
86	15.794	4565	4573	4581	rBV	1377525	2084964	8.60%	1.909%
87	15.909	4597	4609	4624	rBV	7511383	12758203	52.64%	11.682%
88	16.057	4644	4655	4661	rBV	6270059	10057465	41.49%	9.209%
89	16.093	4662	4666	4681	rVB	3261518	4491499	18.53%	4.113%
90	16.186	4686	4695	4707	rVB	1279970	2002536	8.26%	1.834%
91	16.279	4708	4724	4747	rVB2	1884905	4560138	18.81%	4.176%
92	16.427	4761	4770	4781	rBV	903779	1431476	5.91%	1.311%
93	16.523	4789	4800	4816	rVB3	2438652	4540817	18.73%	4.158%
94	16.626	4826	4832	4843	rVB3	648494	1012563	4.18%	0.927%
95	16.864	4902	4906	4915	rVB2	183311	239648	0.99%	0.219%
96	16.967	4933	4938	4945	rVV	506002	681990	2.81%	0.624%
97	17.015	4947	4953	4975	rVB4	964303	1961808	8.09%	1.796%
98	17.163	4990	4999	5009	rBV	776270	1234008	5.09%	1.130%
99	17.224	5010	5018	5028	rVB2	611184	914612	3.77%	0.837%
100	17.523	5103	5111	5128	rBV5	316791	607888	2.51%	0.557%

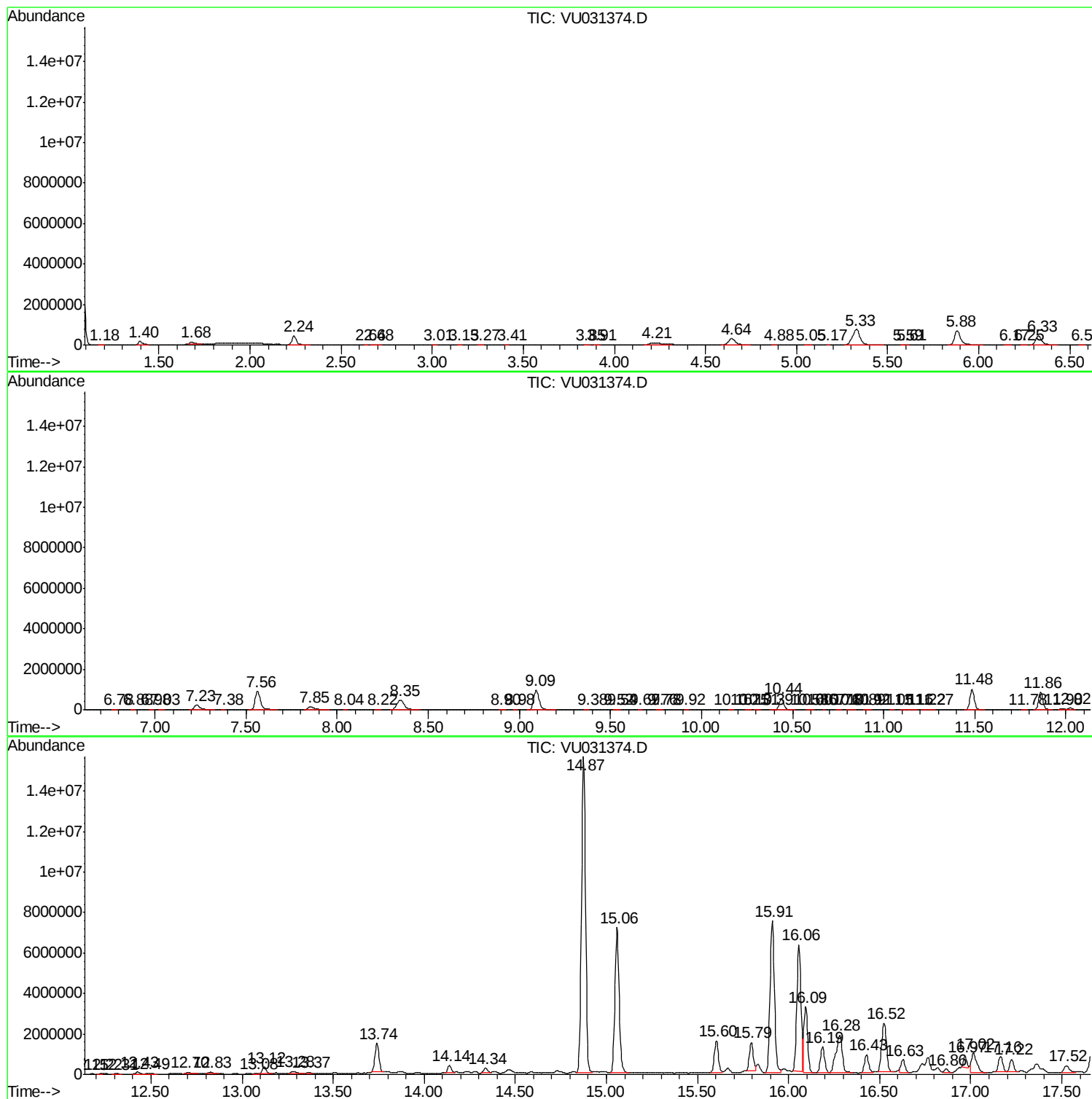
Sum of corrected areas: 109210314

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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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



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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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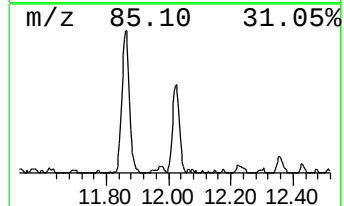
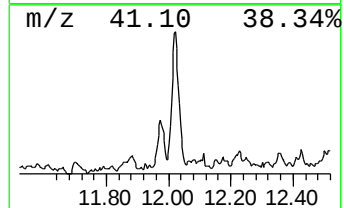
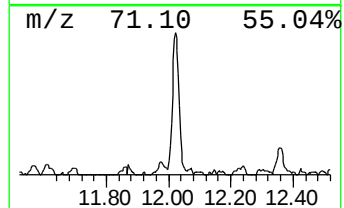
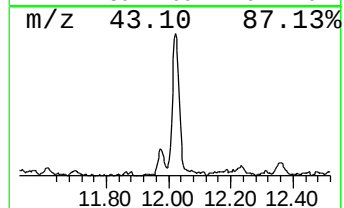
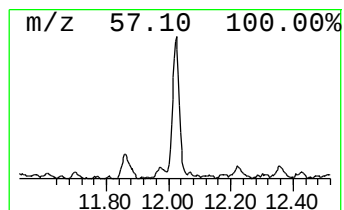
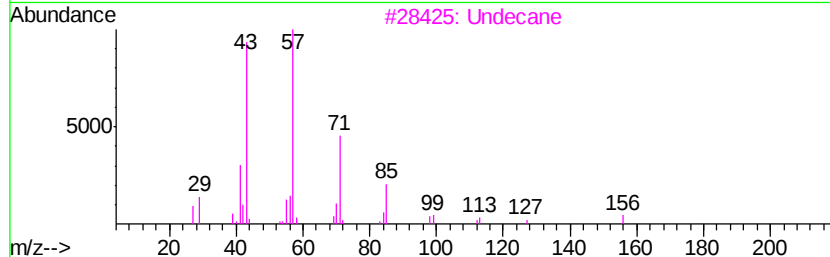
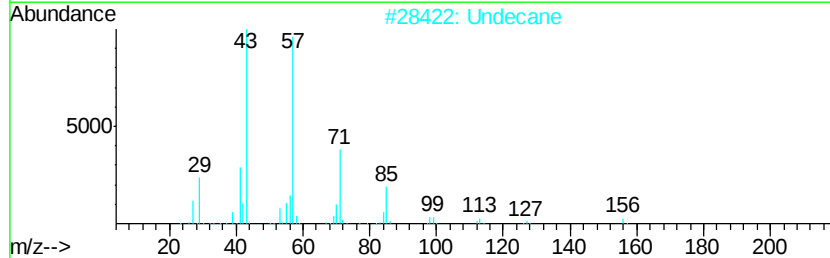
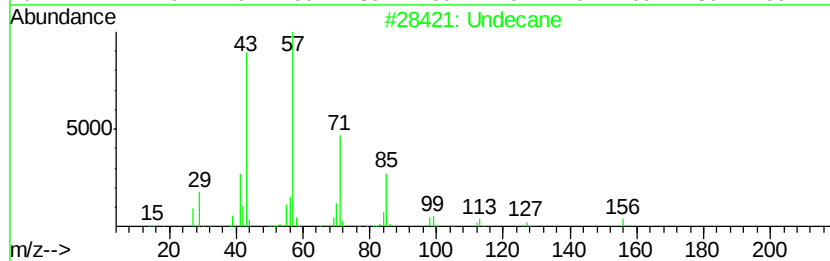
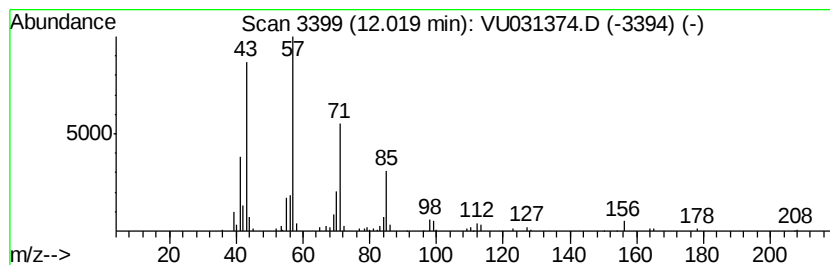
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.96 ug/L	99180	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	95
2		Undecane	156	C11H24	001120-21-4	91
3		Undecane	156	C11H24	001120-21-4	87
4		Tridecane	184	C13H28	000629-50-5	86
5		Hexadecane	226	C16H34	000544-76-3	80



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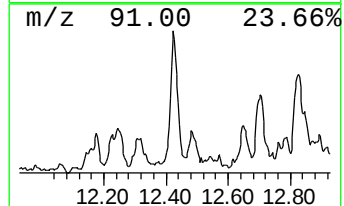
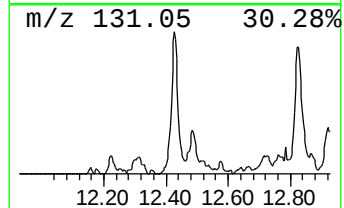
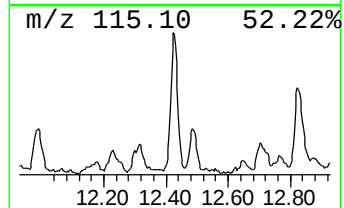
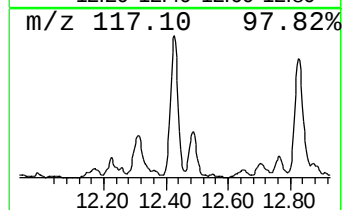
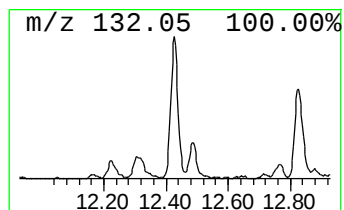
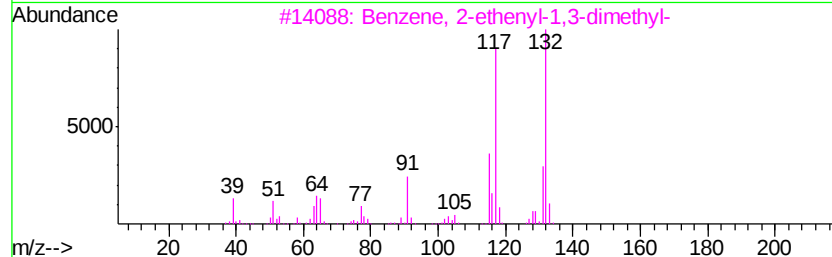
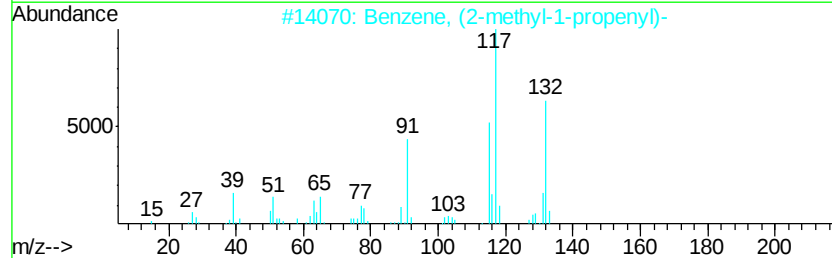
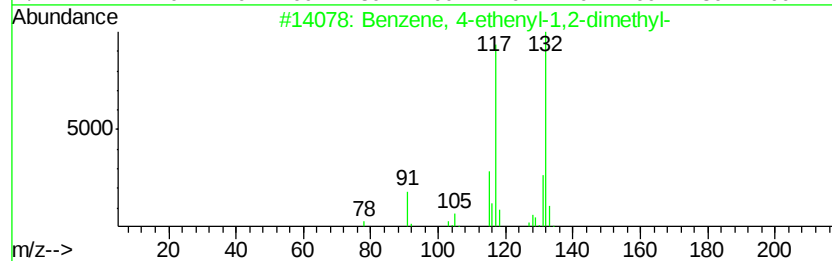
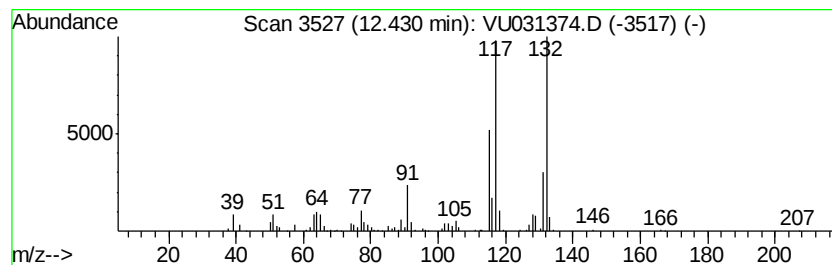
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Quant Title : VOC Analysis

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

Peak Number 3 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.43	4.74 ug/L	158643	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	93
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	93
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93
4	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	91
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	91



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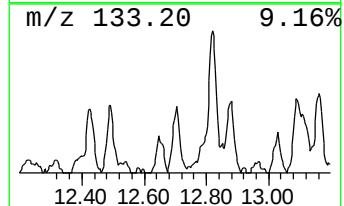
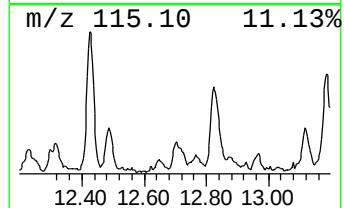
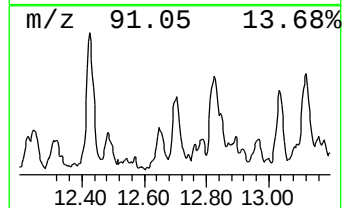
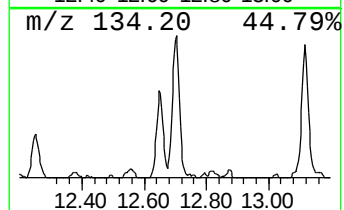
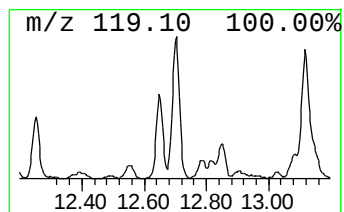
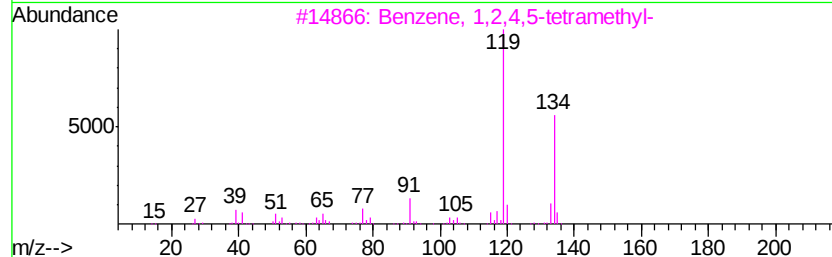
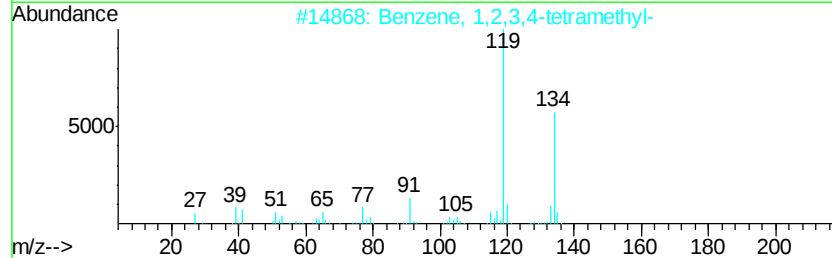
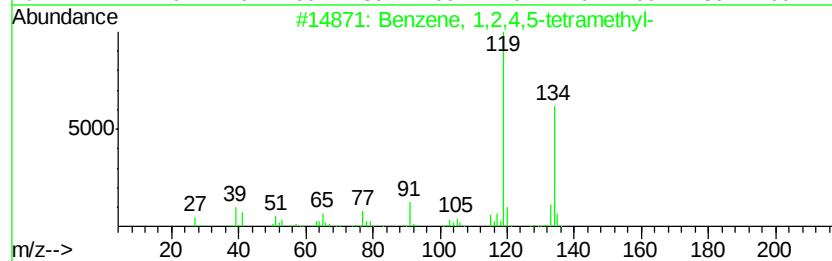
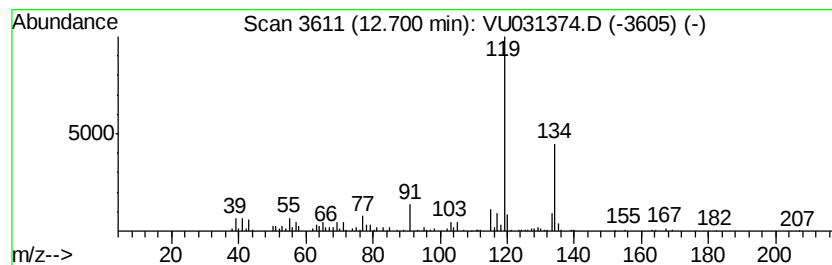
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Quant Title : VOC Analysis

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

Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	4.03 ug/L	134920	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031374.D
Acq On : 19 Apr 2019 21:04
Operator : JC/SP
Sample : K2455-10
Misc : 5.00uL/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

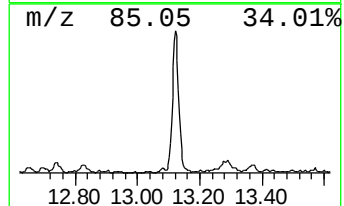
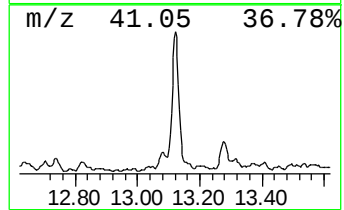
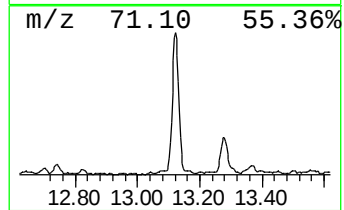
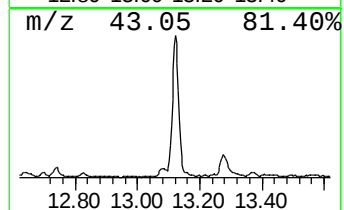
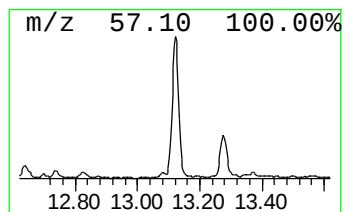
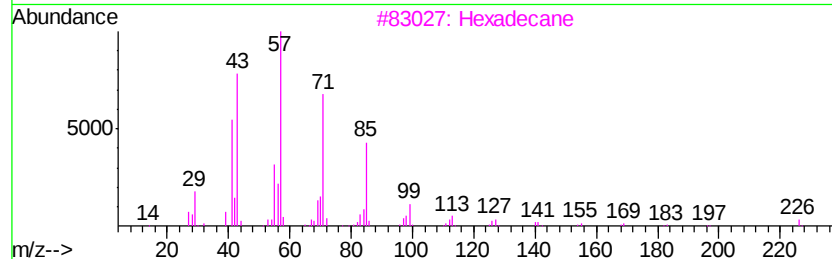
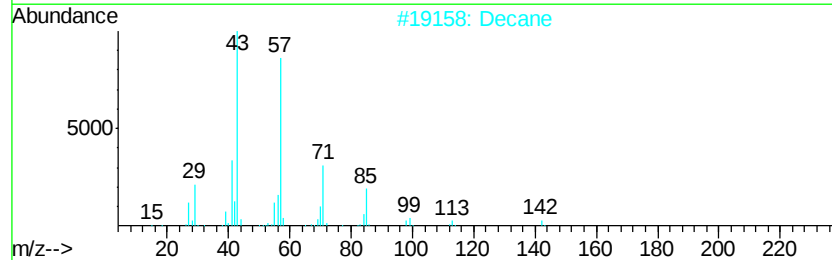
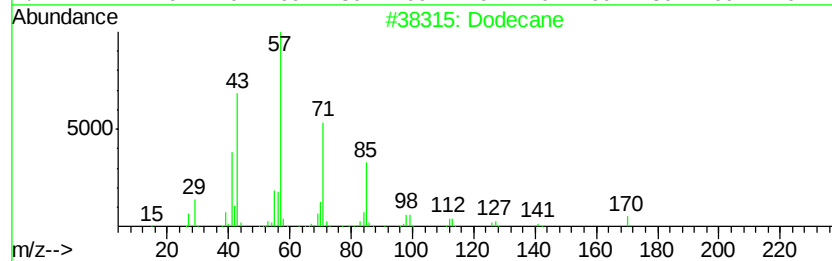
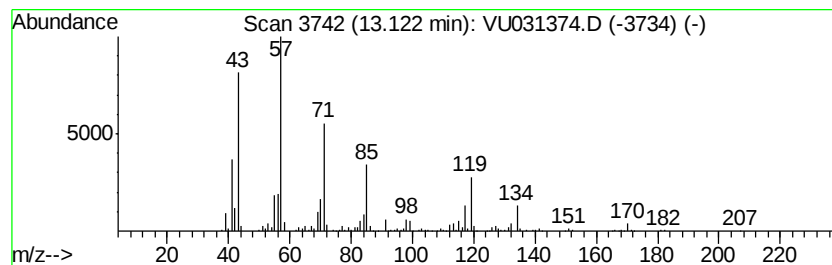
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.12	14.73 ug/L	492807	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	92
2	Decane	142	C10H22	000124-18-5	91
3	Hexadecane	226	C16H34	000544-76-3	58
4	Tridecane	184	C13H28	000629-50-5	52
5	Undecane	156	C11H24	001120-21-4	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031374.D
Acq On : 19 Apr 2019 21:04
Operator : JC/SP
Sample : K2455-10
Misc : 5.00µL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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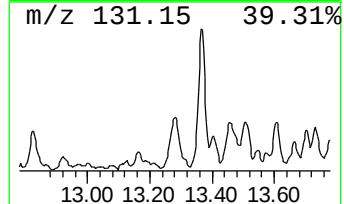
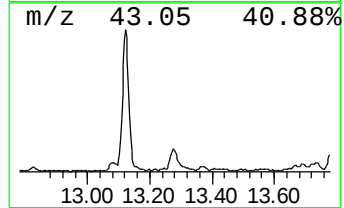
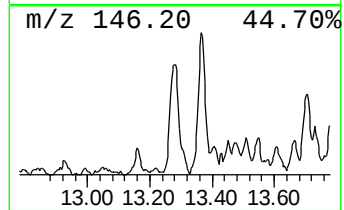
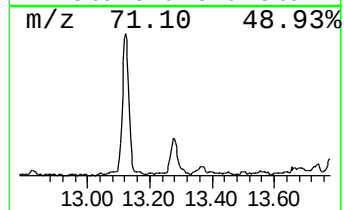
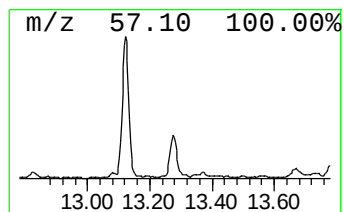
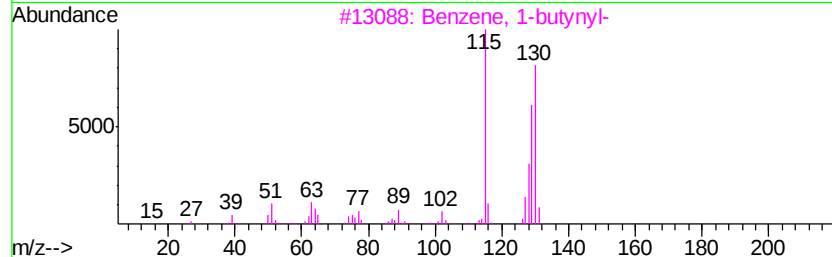
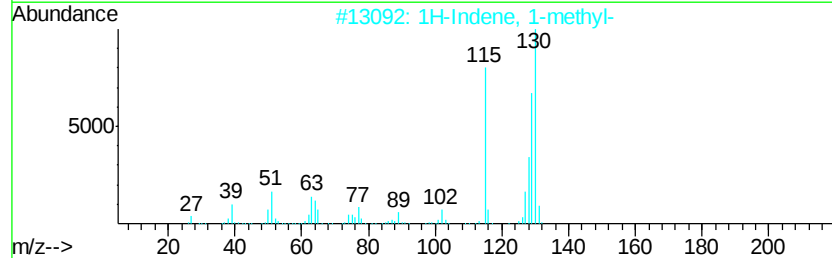
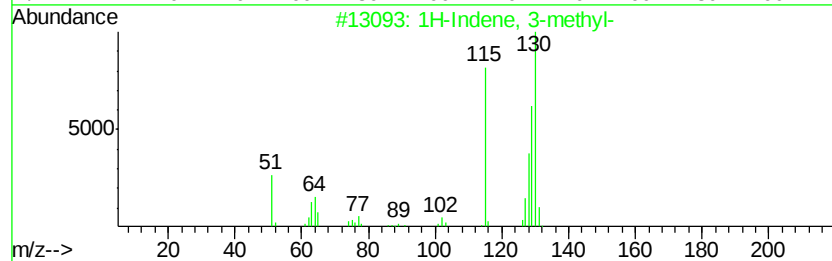
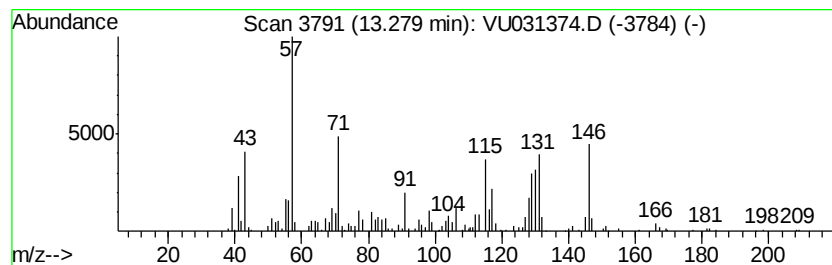
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Quant Title : VOC Analysis

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

Peak Number 7 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	7.77 ug/L	259831	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	46
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	46
3		Benzene, 1-butynyl-	130	C10H10	000622-76-4	46
4		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	46
5		2-Methylindene	130	C10H10	002177-47-1	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031374.D
Acq On : 19 Apr 2019 21:04
Operator : JC/SP
Sample : K2455-10
Misc : 5.00uL/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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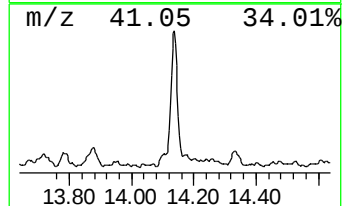
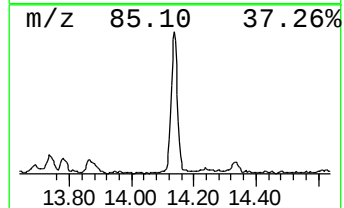
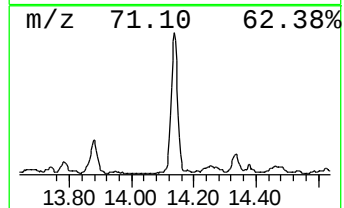
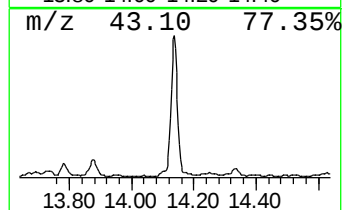
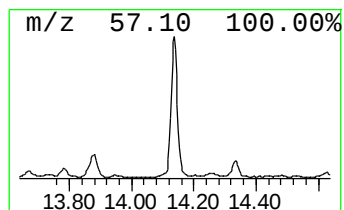
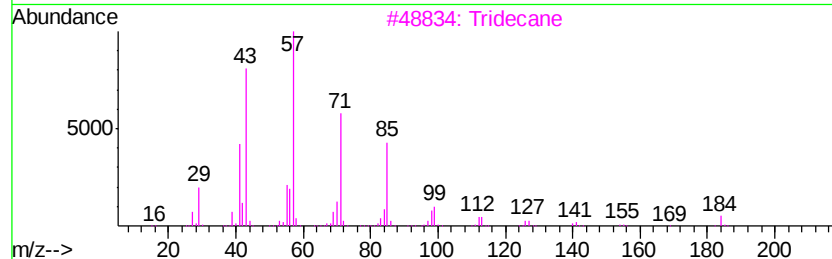
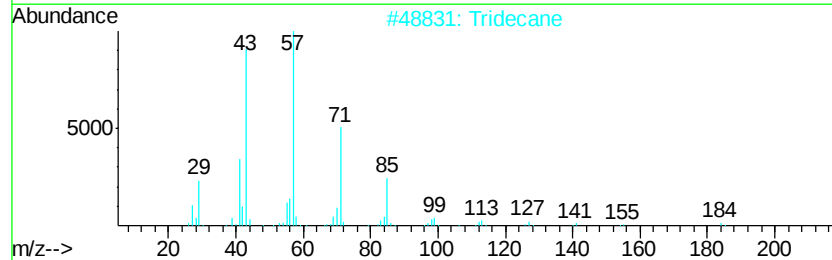
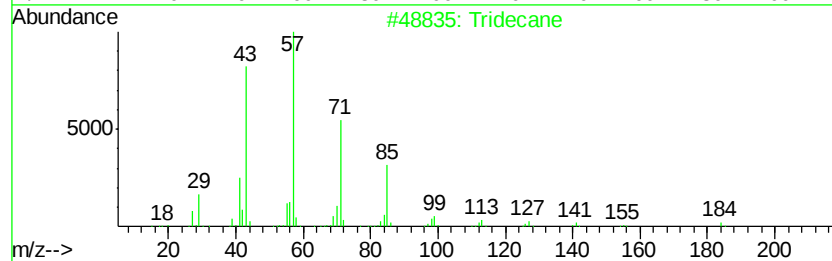
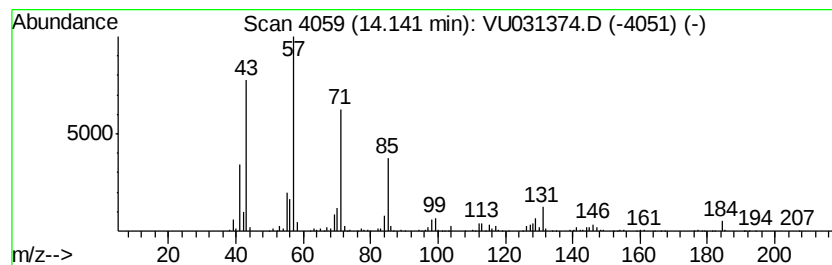
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	15.19 ug/L	508073	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	97
2		Tridecane	184	C13H28	000629-50-5	93
3		Tridecane	184	C13H28	000629-50-5	92
4		Dodecane	170	C12H26	000112-40-3	80
5		Dodecane	170	C12H26	000112-40-3	80



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031374.D
Acq On : 19 Apr 2019 21:04
Operator : JC/SP
Sample : K2455-10
Misc : 5.00µL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

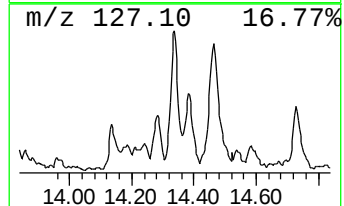
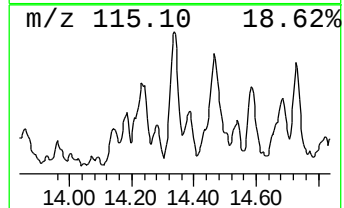
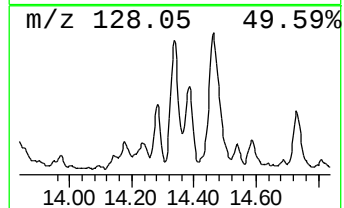
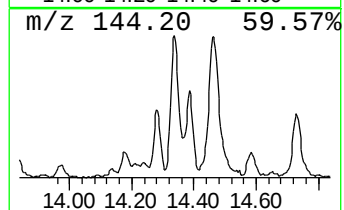
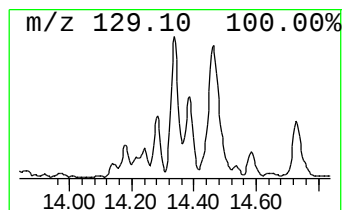
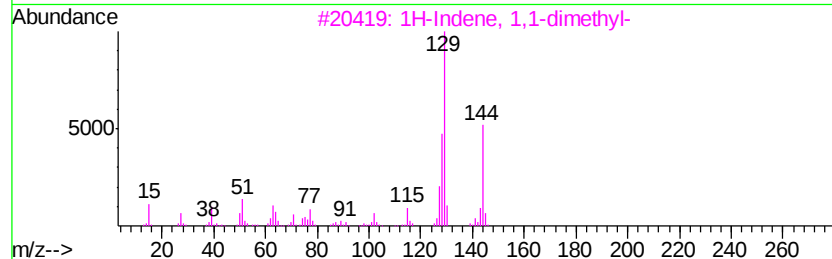
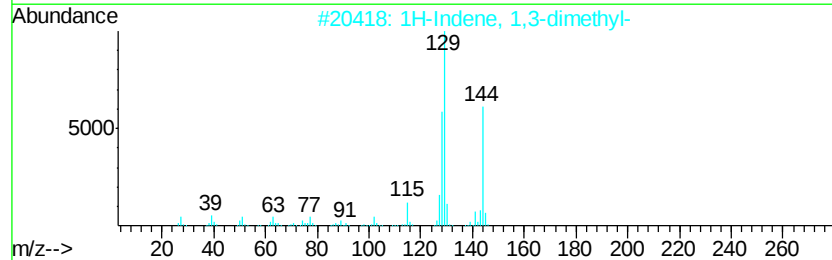
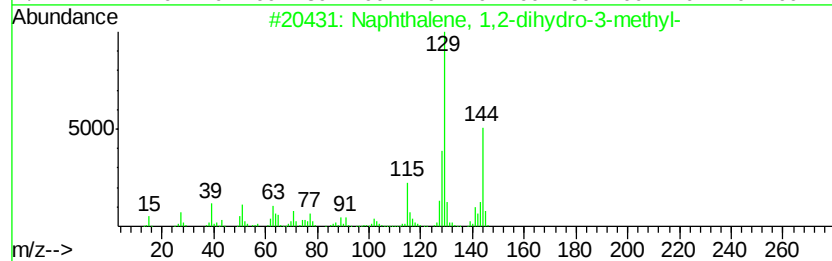
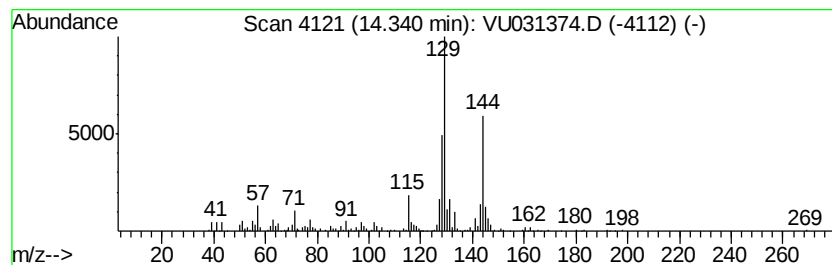
Instrument :
MSVOA_U
ClientSampleId :
GAHR0

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Quant Title : VOC Analysis

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

Peak Number 10 Naphthalene, 1,2-dihydro-3-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.34	11.45 ug/L	382944	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	93
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	93
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	93
4	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	93
5	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031374.D
Acq On : 19 Apr 2019 21:04
Operator : JC/SP
Sample : K2455-10
Misc : 5.00µL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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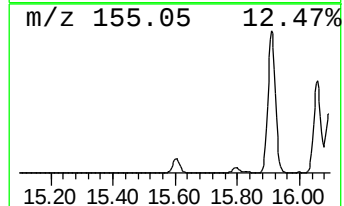
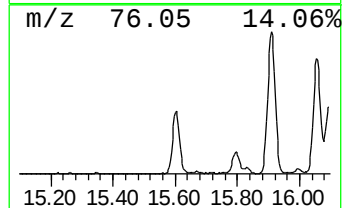
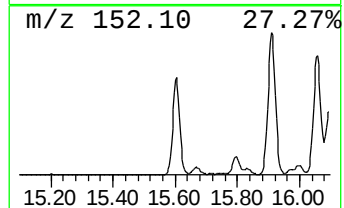
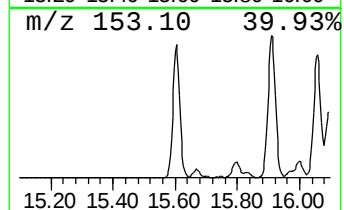
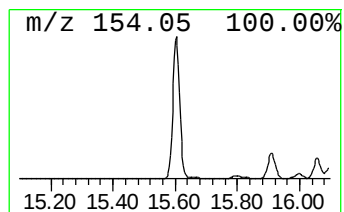
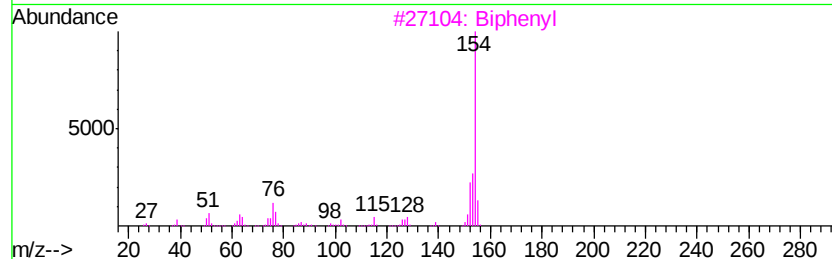
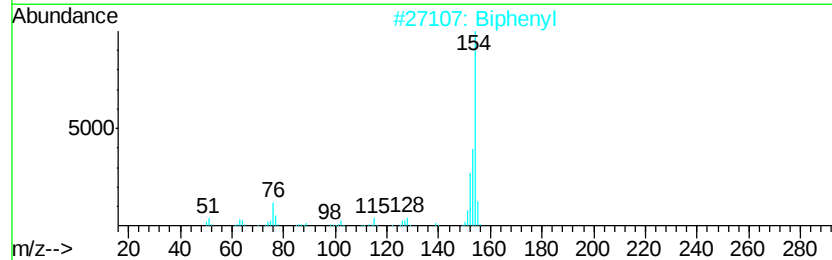
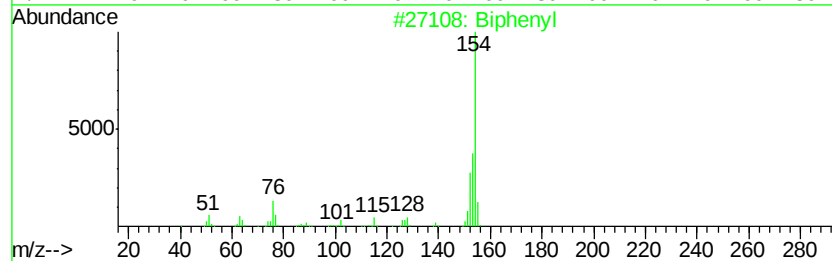
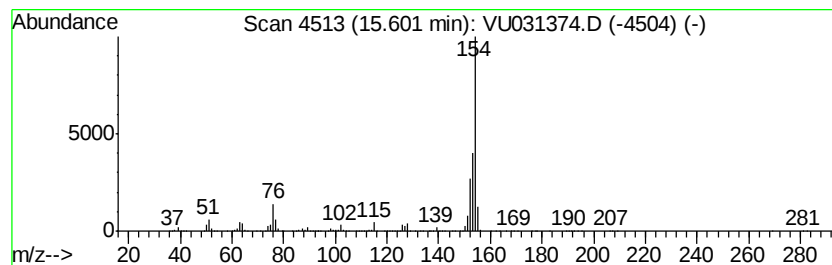
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Quant Title : VOC Analysis

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

Peak Number 13 Biphenyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	71.15 ug/L	2380220	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	94
4		Biphenyl	154	C12H10	000092-52-4	93
5		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031374.D
Acq On : 19 Apr 2019 21:04
Operator : JC/SP
Sample : K2455-10
Misc : 5.00uL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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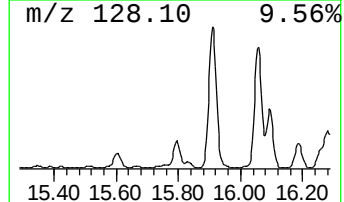
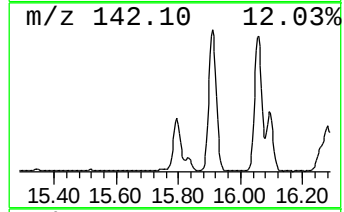
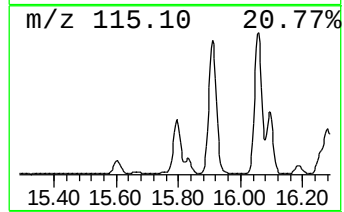
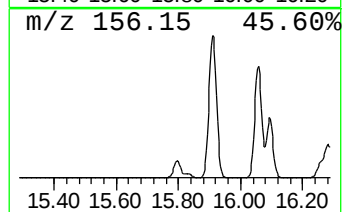
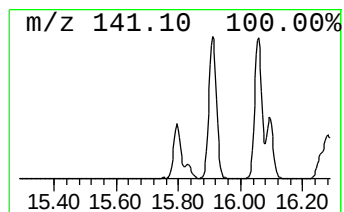
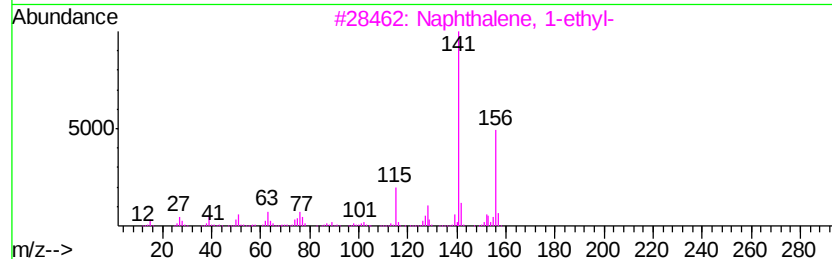
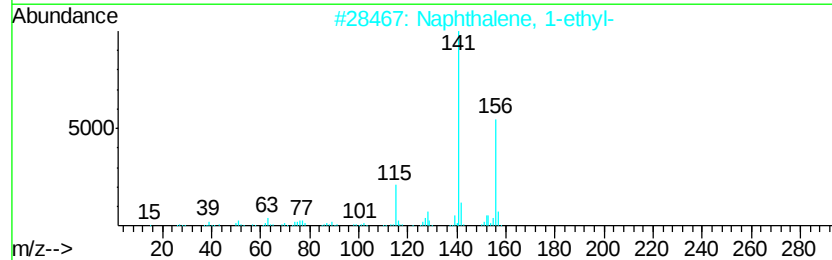
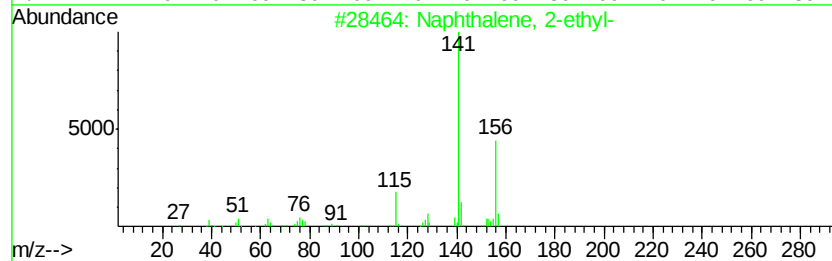
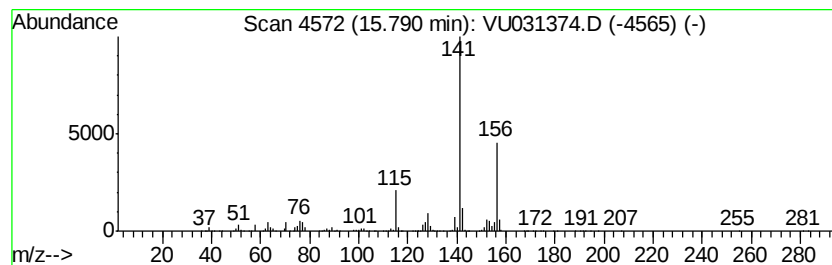
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Quant Title : VOC Analysis

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

Peak Number 14 Naphthalene, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	62.33 ug/L	2084960	1,4-Dichlorobenzene-d4	11.48

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, 1-ethyl-	156	C12H12	001127-76-0	96
4		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
5		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031374.D
Acq On : 19 Apr 2019 21:04
Operator : JC/SP
Sample : K2455-10
Misc : 5.00uL/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

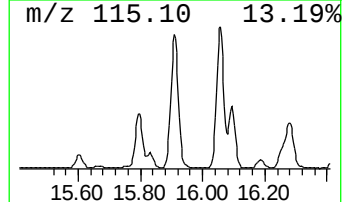
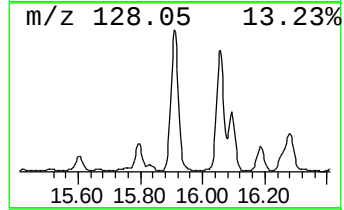
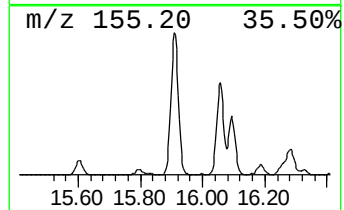
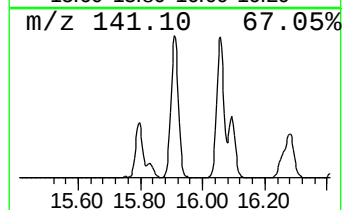
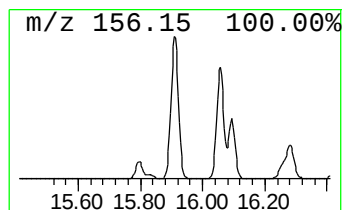
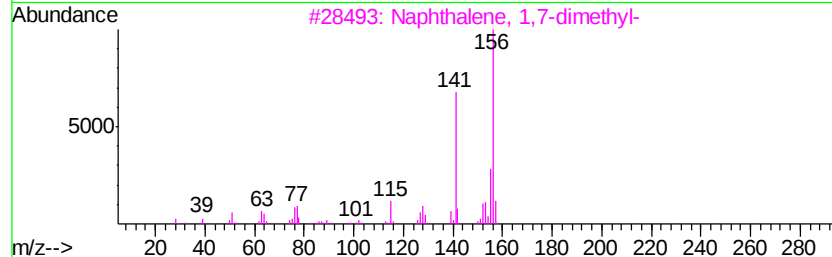
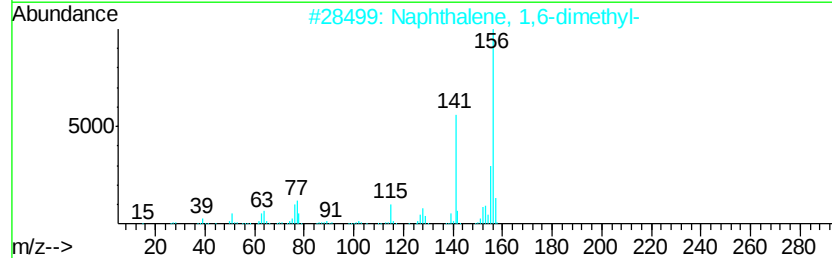
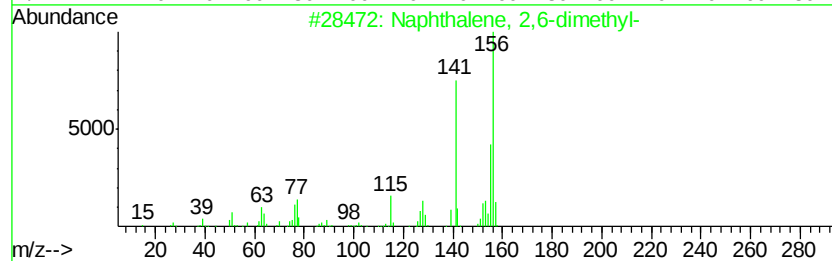
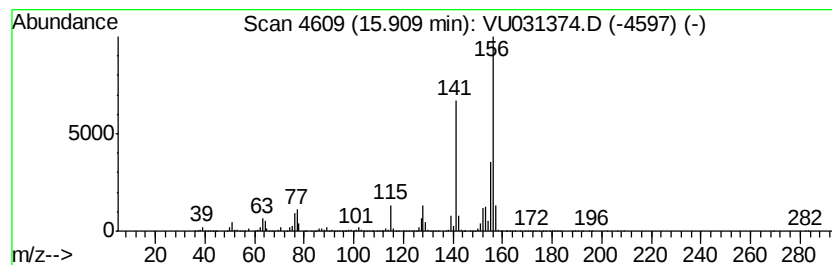
Instrument :
MSVOA_U
ClientSampleId :
GAHR0

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

Peak Number 15 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	381.38 ug/L	12758200	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, 1,7-dimethyl-	156 C12H12	000575-37-1 97
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031374.D
Acq On : 19 Apr 2019 21:04
Operator : JC/SP
Sample : K2455-10
Misc : 5.00µL/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHR0

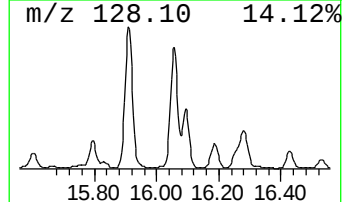
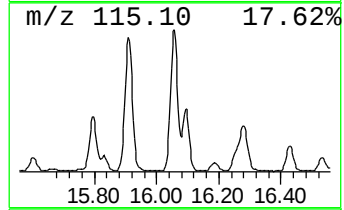
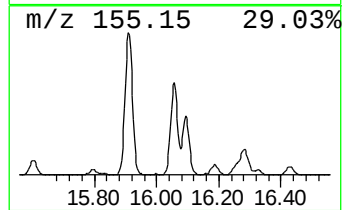
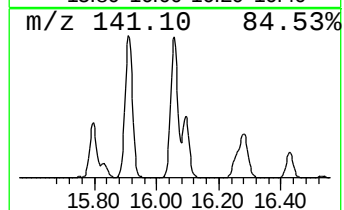
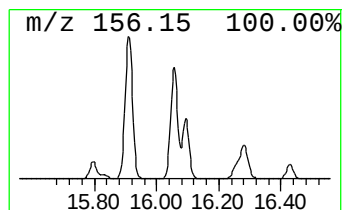
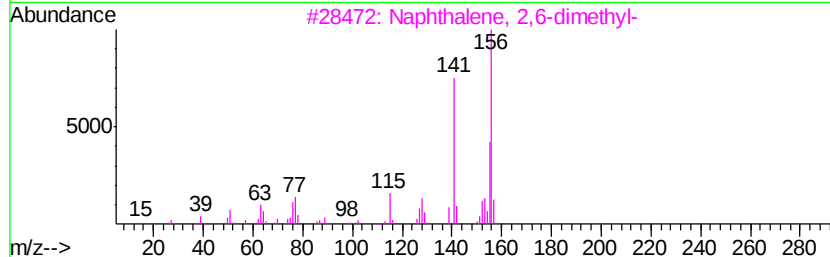
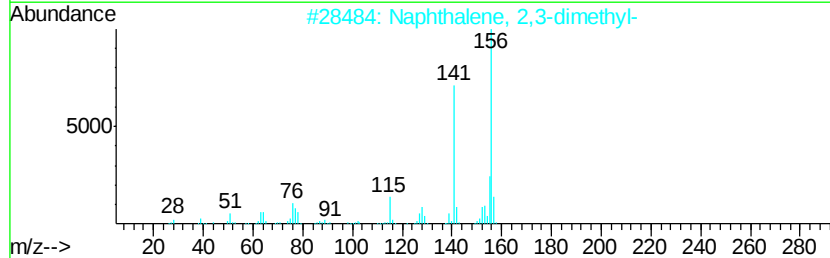
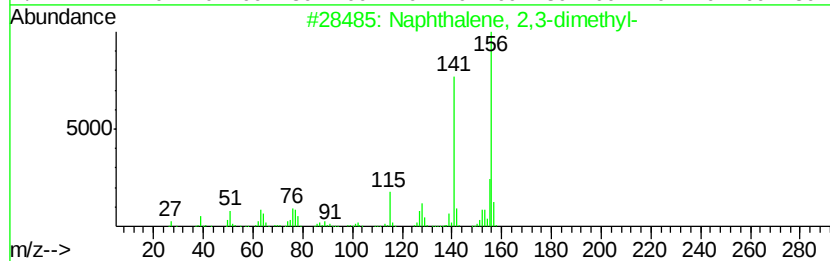
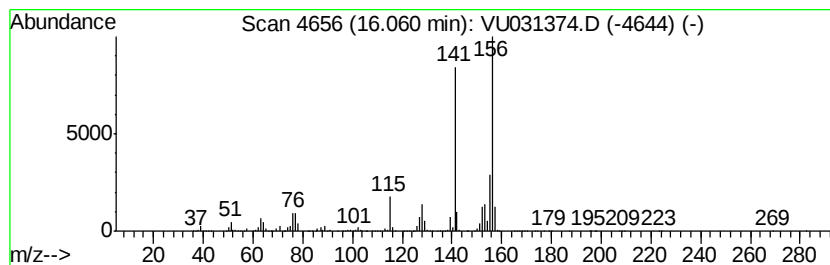
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Quant Title : VOC Analysis

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

Peak Number 16 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	300.65 ug/L	10057500	1,4-Dichlorobenzene-d4	11.48

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031374.D
Acq On : 19 Apr 2019 21:04
Operator : JC/SP
Sample : K2455-10
Misc : 5.00µL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHR0

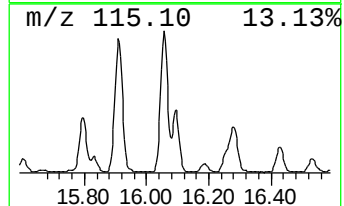
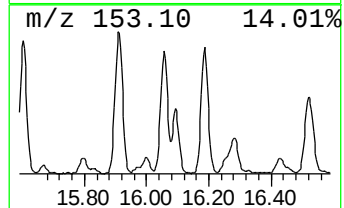
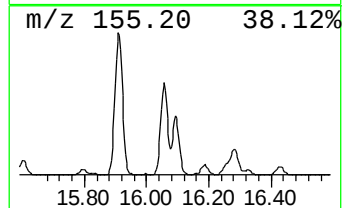
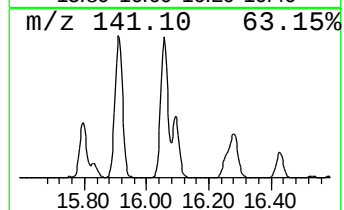
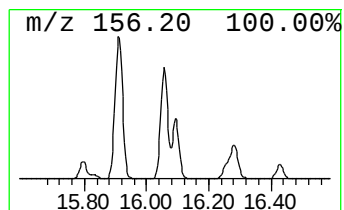
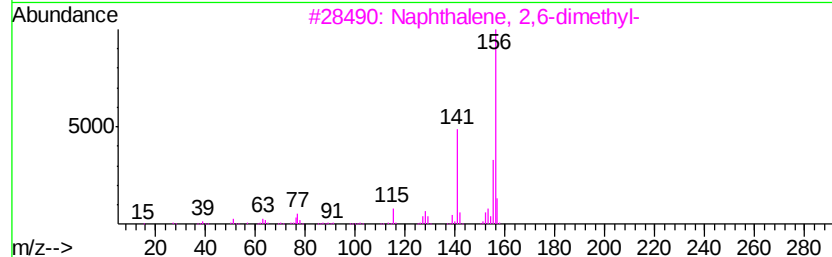
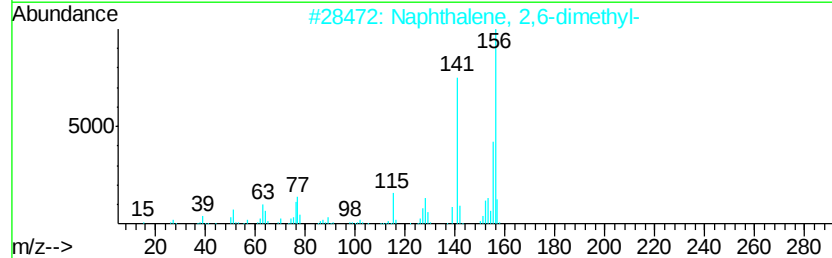
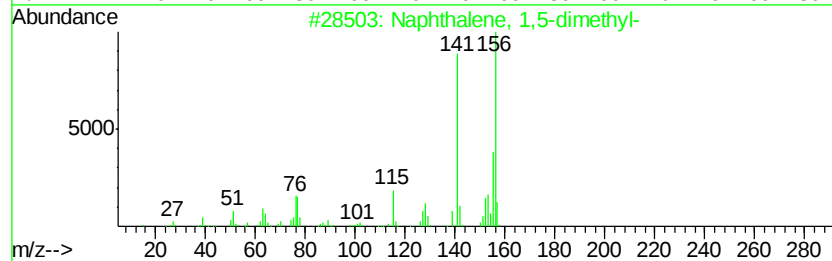
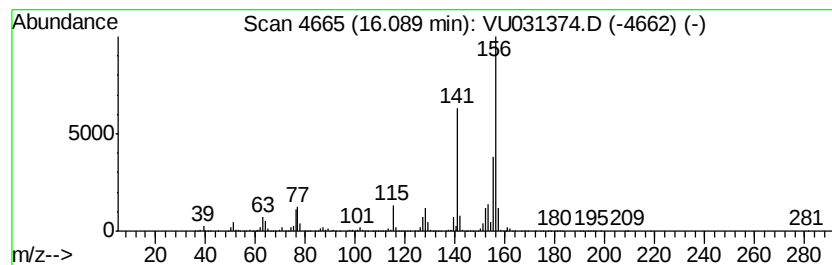
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Quant Title : VOC Analysis

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

Peak Number 17 Naphthalene, 1,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	134.26 ug/L	4491500	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031374.D
Acq On : 19 Apr 2019 21:04
Operator : JC/SP
Sample : K2455-10
Misc : 5.00µL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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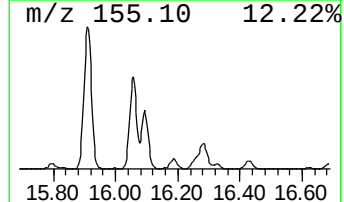
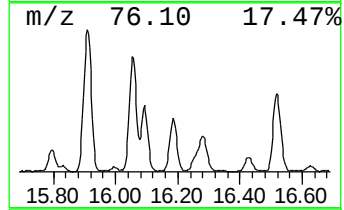
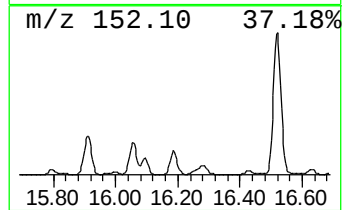
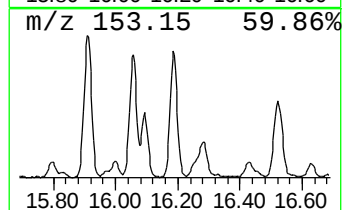
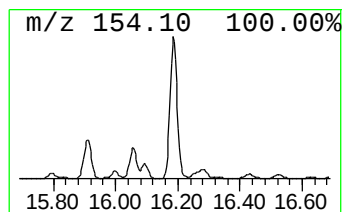
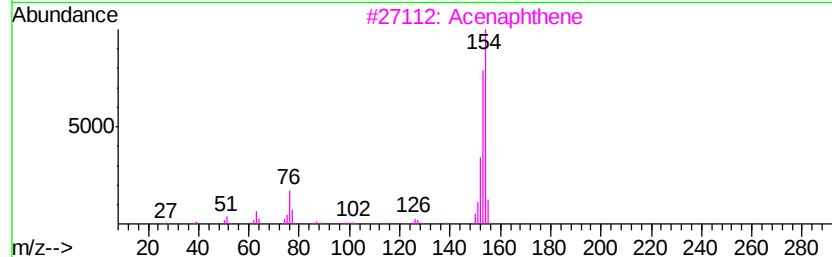
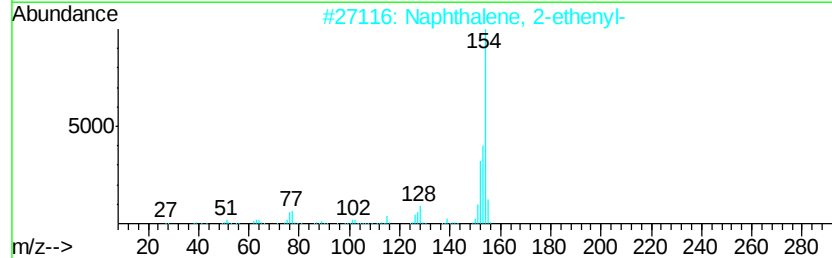
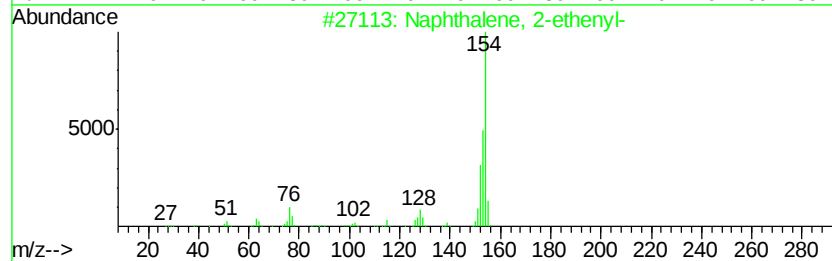
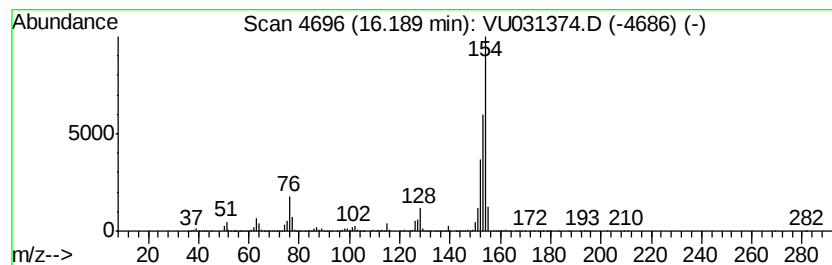
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Quant Title : VOC Analysis

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

Peak Number 18 Naphthalene, 2-ethenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	59.86 ug/L	2002540	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		Acenaphthene	154	C12H10	000083-32-9	93
4		Biphenyl	154	C12H10	000092-52-4	93
5		Biphenyl	154	C12H10	000092-52-4	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031374.D
Acq On : 19 Apr 2019 21:04
Operator : JC/SP
Sample : K2455-10
Misc : 5.00µL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

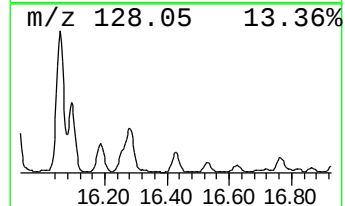
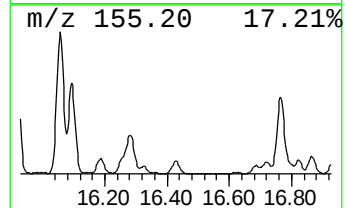
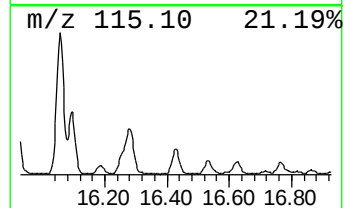
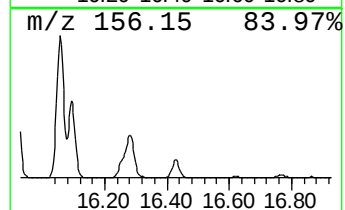
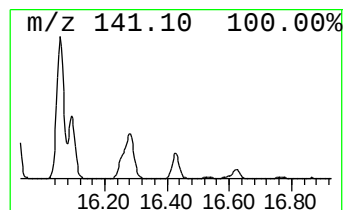
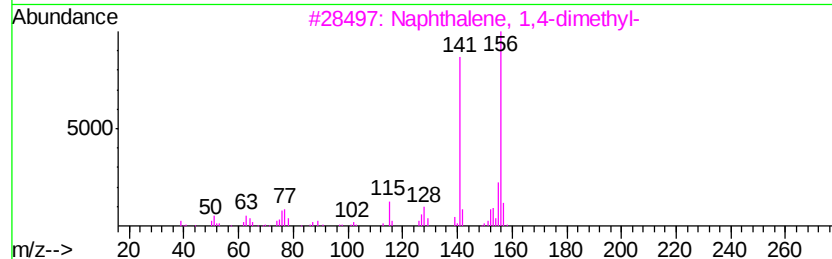
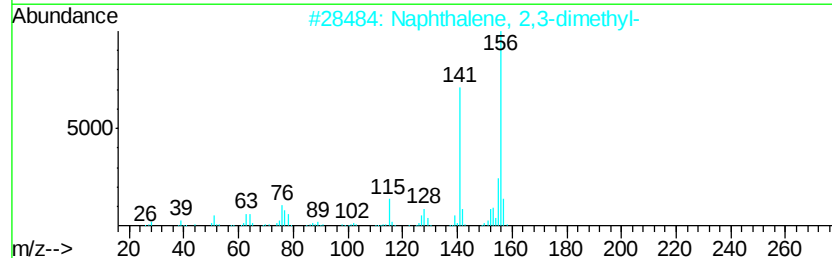
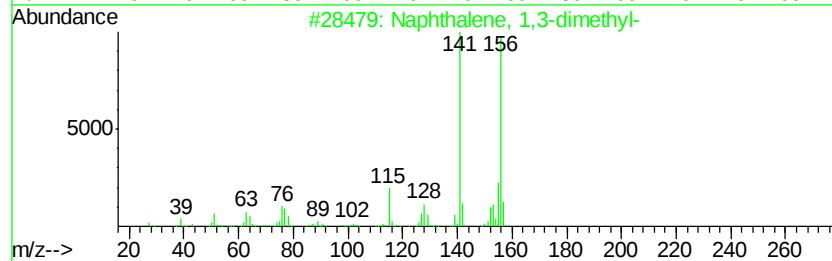
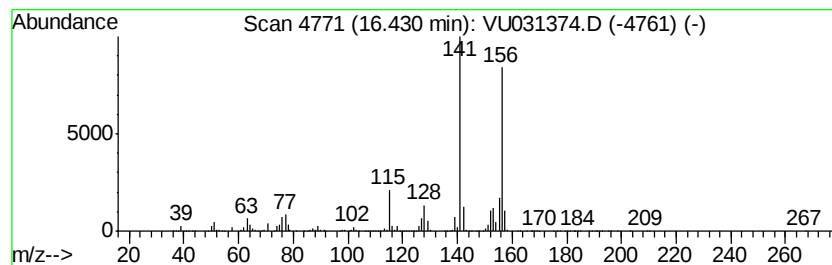
Instrument :
MSVOA_U
ClientSampleId :
GAHR0

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

Peak Number 20 Naphthalene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	42.79 ug/L	1431480	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
5		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 95



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031374.D
Acq On : 19 Apr 2019 21:04
Operator : JC/SP
Sample : K2455-10
Misc : 5.00µL/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

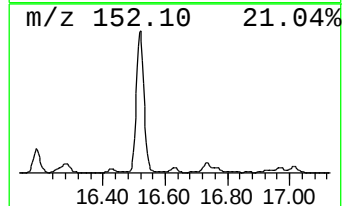
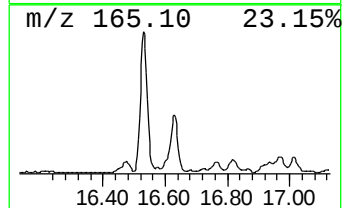
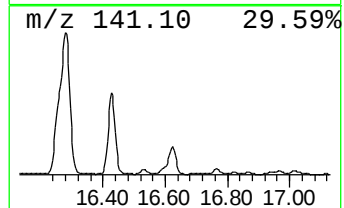
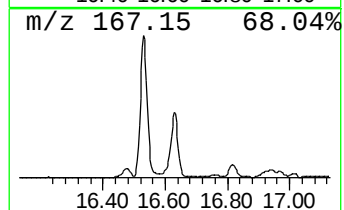
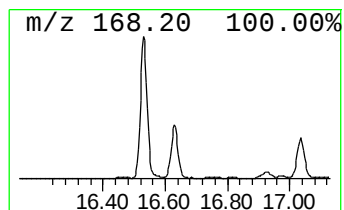
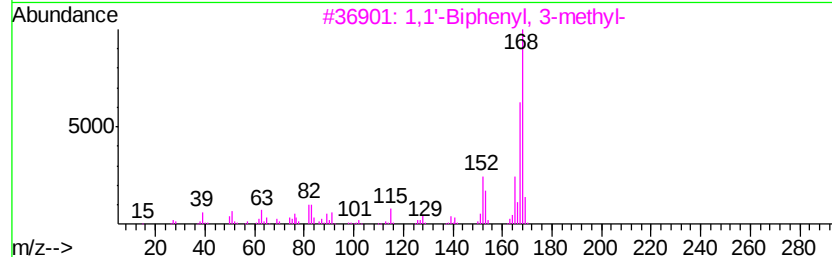
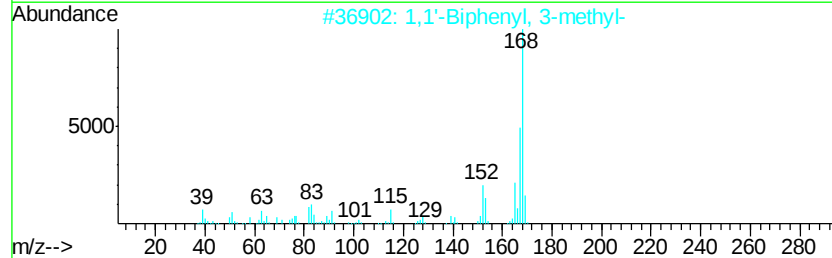
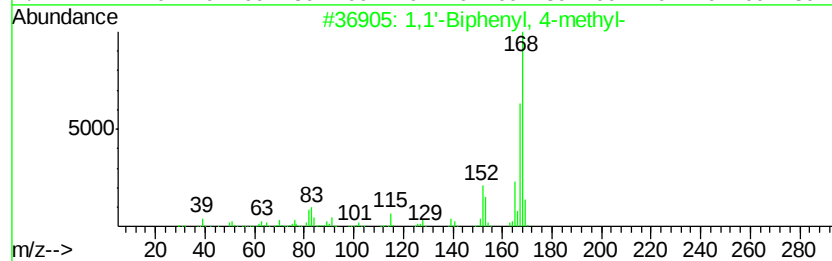
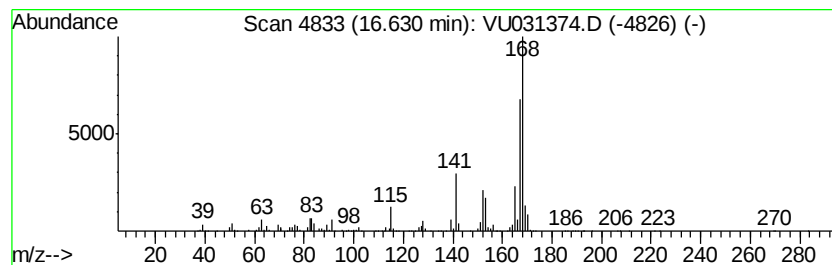
Instrument :
MSVOA_U
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

Peak Number 22 1,1'-Biphenyl, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.63	30.27 ug/L	1012560	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	93
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	83
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	64
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	60
5	Diphenylmethane	168	C13H12	000101-81-5	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031374.D
Acq On : 19 Apr 2019 21:04
Operator : JC/SP
Sample : K2455-10
Misc : 5.00uL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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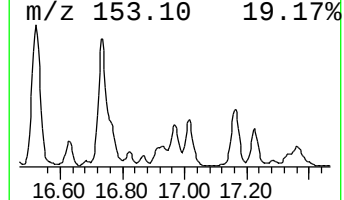
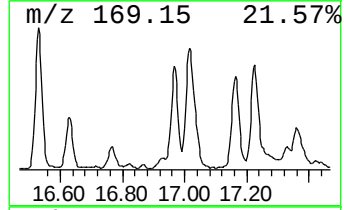
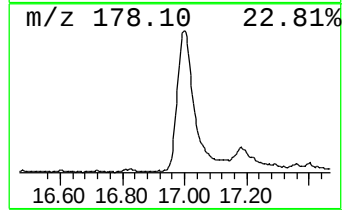
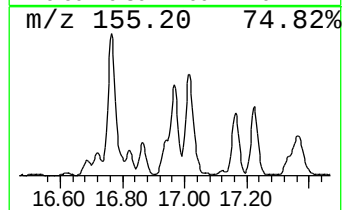
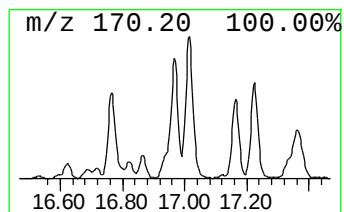
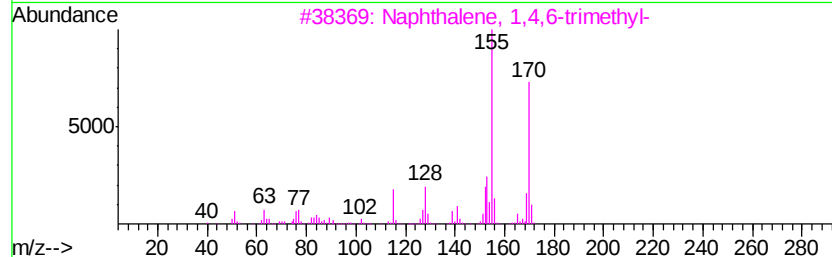
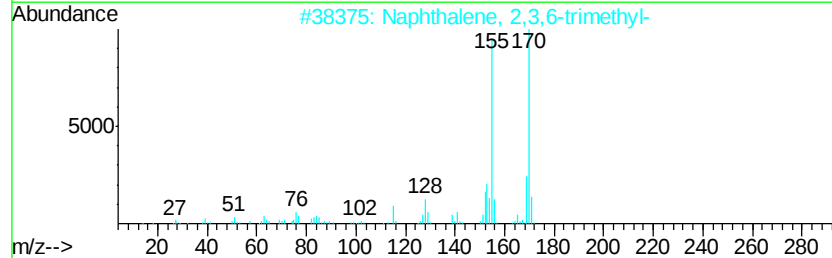
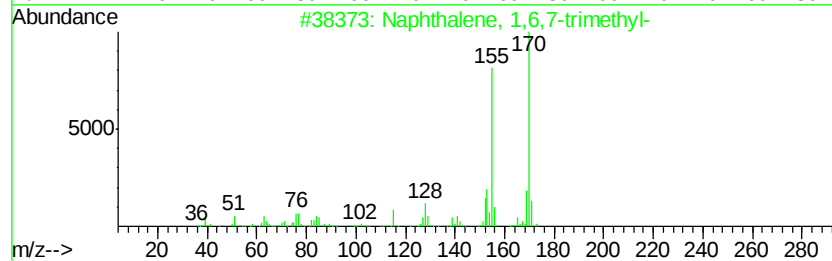
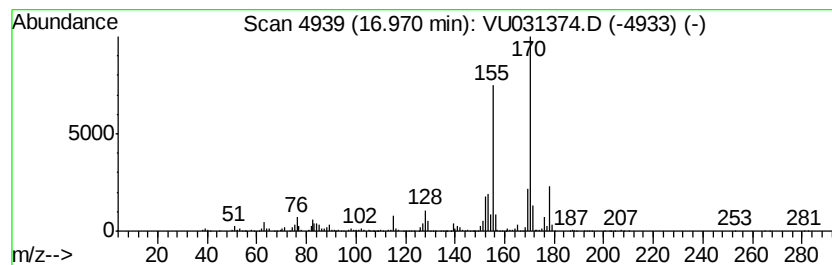
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Quant Title : VOC Analysis

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

Peak Number 24 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	20.39 ug/L	681990	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, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031374.D
Acq On : 19 Apr 2019 21:04
Operator : JC/SP
Sample : K2455-10
Misc : 5.00µL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHR0

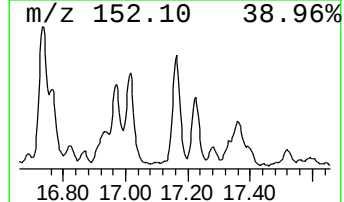
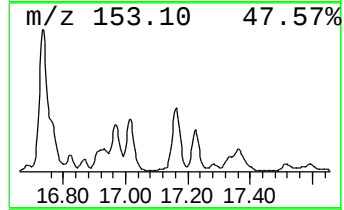
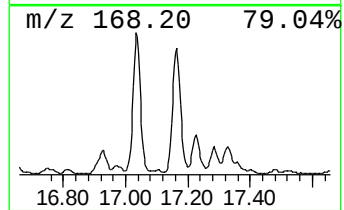
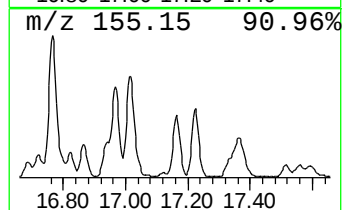
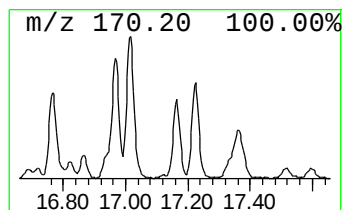
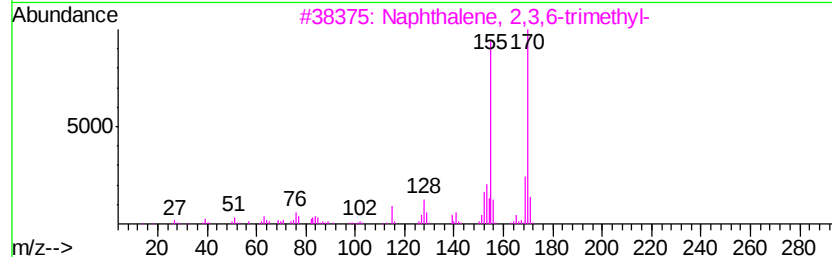
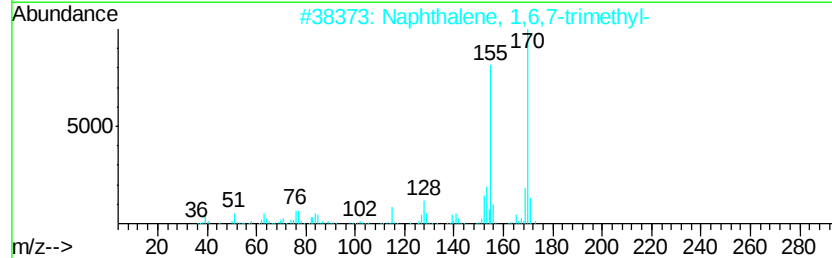
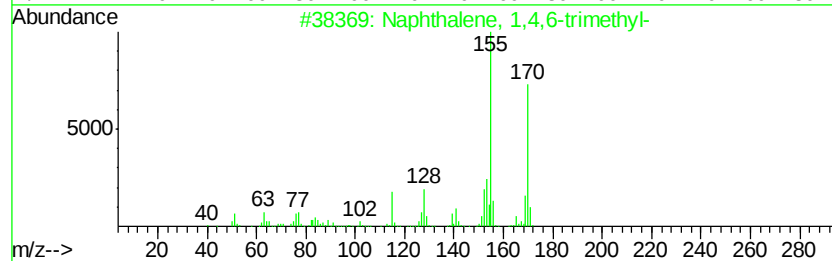
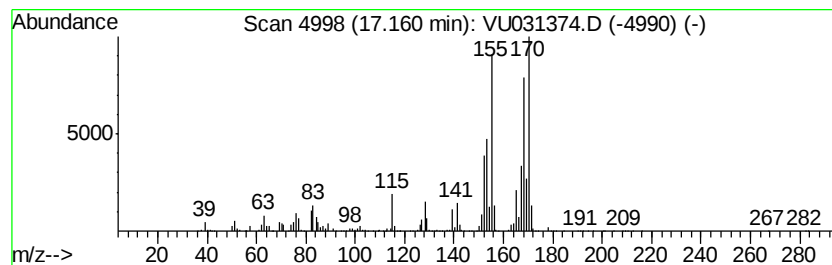
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Quant Title : VOC Analysis

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

Peak Number 26 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	36.89 ug/L	1234010	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
5			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031374.D
Acq On : 19 Apr 2019 21:04
Operator : JC/SP
Sample : K2455-10
Misc : 5.00µL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHR0

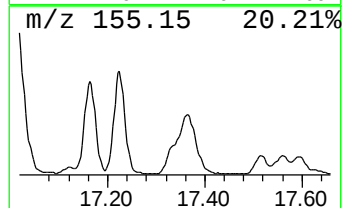
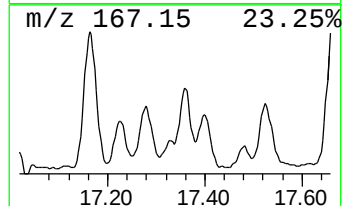
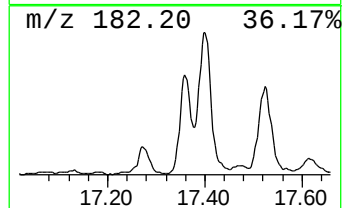
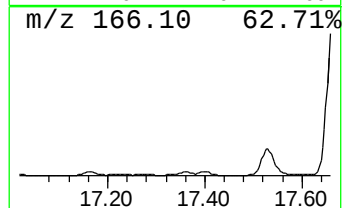
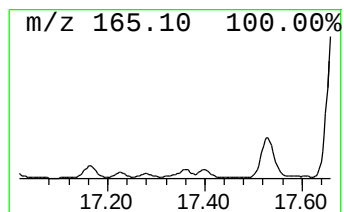
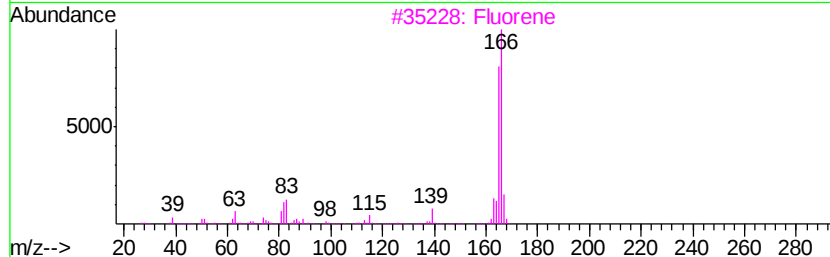
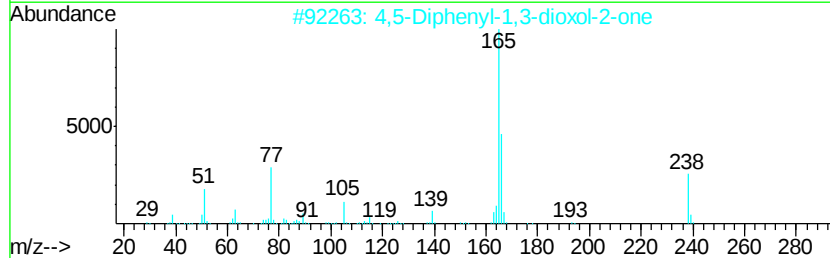
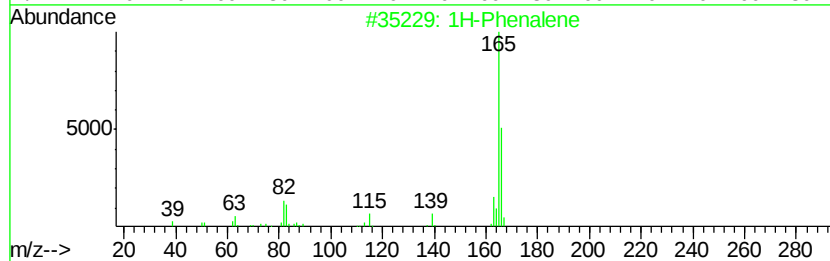
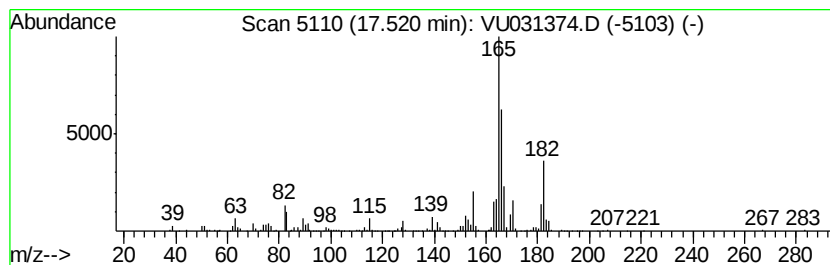
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

Peak Number 28 1H-Phenalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	18.17 ug/L	607888	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	60
2		4,5-Diphenyl-1,3-dioxol-2-one	238	C15H10O3	021240-34-6	50
3		Fluorene	166	C13H10	000086-73-7	46
4		Naphthalene, 1-(2-nitro-2-propen...	213	C13H11NO2	080255-13-6	43
5		Benzene, 1,1'-(diazomethylene)bis-	194	C13H10N2	000883-40-9	42



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042019\
 Data File : VU031374.D
 Acq On : 19 Apr 2019 21:04
 Operator : JC/SP
 Sample : K2455-10
 Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHR0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.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
(DEL) Alkane: Str...	12.02	3.0	ug/L	99180	3	11.48	1672640	50.0
Benzene, 4-etheny...	12.43	4.7	ug/L	158643	3	11.48	1672640	50.0
Benzene, 1,2,4,5-...	12.70	4.0	ug/L	134920	3	11.48	1672640	50.0
(DEL) Alkane: Str...	13.12	14.7	ug/L	492807	3	11.48	1672640	50.0
unknown-01	13.28	7.8	ug/L	259831	3	11.48	1672640	50.0
(DEL) Alkane: Str...	14.14	15.2	ug/L	508073	3	11.48	1672640	50.0
Naphthalene, 1,2-...	14.34	11.4	ug/L	382944	3	11.48	1672640	50.0
Biphenyl	15.60	71.2	ug/L	2380220	3	11.48	1672640	50.0
Naphthalene, 2-et...	15.79	62.3	ug/L	2084960	3	11.48	1672640	50.0
Naphthalene, 2,6-...	15.91	381.4	ug/L	12758200	3	11.48	1672640	50.0
Naphthalene, 2,3-...	16.06	300.6	ug/L	10057500	3	11.48	1672640	50.0
Naphthalene, 1,5-...	16.09	134.3	ug/L	4491500	3	11.48	1672640	50.0
Naphthalene, 2-et...	16.19	59.9	ug/L	2002540	3	11.48	1672640	50.0
Naphthalene, 1,3-...	16.43	42.8	ug/L	1431480	3	11.48	1672640	50.0
1,1'-Biphenyl, 4-...	16.63	30.3	ug/L	1012560	3	11.48	1672640	50.0
Naphthalene, 1,6,...	16.97	20.4	ug/L	681990	3	11.48	1672640	50.0
Naphthalene, 1,4,...	17.16	36.9	ug/L	1234010	3	11.48	1672640	50.0
1H-Phenalene	17.52	18.2	ug/L	607888	3	11.48	1672640	50.0