

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102618\
 Data File : VU027822.D
 Acq On : 26 Oct 2018 10:50
 Operator : MD/SY
 Sample : J5635-22ME
 Misc : 4.83g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A40F8ME

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\SOMULM102218WMA.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	1.395	62	69	87	rBV	33532	47148	4.27%	0.921%
2	1.572	110	124	125	rBV4	6046	9170	0.83%	0.179%
3	1.643	141	146	159	rBV	29948	41938	3.80%	0.819%
4	2.125	291	296	297	rBV2	781	593	0.05%	0.012%
5	2.231	318	329	344	rBV	64953	105102	9.53%	2.053%
6	2.341	358	363	368	rBV2	403	513	0.05%	0.010%
7	2.627	447	452	465	rVB2	1004	1720	0.16%	0.034%
8	2.829	504	515	533	rVB2	3468	7750	0.70%	0.151%
9	3.270	648	652	658	rVB2	495	566	0.05%	0.011%
10	3.845	825	831	834	rBV	182	270	0.02%	0.005%
11	4.199	928	941	981	rBV2	23623	96537	8.75%	1.886%
12	4.646	1063	1080	1108	rVB	53130	139770	12.67%	2.731%
13	4.807	1123	1130	1135	rBV2	203	303	0.03%	0.006%
14	4.961	1170	1178	1179	rBV	817	982	0.09%	0.019%
15	5.331	1271	1293	1315	rBV3	124419	357789	32.43%	6.991%
16	5.646	1386	1391	1394	rBV	182	230	0.02%	0.004%
17	5.884	1451	1465	1495	rVV	78775	167557	15.19%	3.274%
18	6.231	1568	1573	1579	rBV	151	287	0.03%	0.006%
19	6.331	1590	1604	1630	rVB2	76872	169441	15.36%	3.311%
20	6.887	1765	1777	1778	rBV2	823	1073	0.10%	0.021%
21	7.070	1829	1834	1838	rVV	274	293	0.03%	0.006%
22	7.228	1872	1883	1907	rVV2	43546	87274	7.91%	1.705%
23	7.566	1975	1988	2006	rBV	154552	283347	25.68%	5.536%
24	7.697	2018	2029	2036	rBV5	1479	2263	0.21%	0.044%
25	7.803	2053	2062	2067	rBV3	1240	1888	0.17%	0.037%
26	7.855	2067	2078	2099	rVB2	29949	62345	5.65%	1.218%
27	8.045	2133	2137	2143	rVB4	446	468	0.04%	0.009%
28	8.183	2166	2180	2189	rBV2	19970	46899	4.25%	0.916%
29	8.331	2215	2226	2252	rVB	126891	253403	22.97%	4.951%
30	8.453	2260	2264	2270	rVB2	300	416	0.04%	0.008%
31	8.485	2270	2274	2277	rBV2	298	302	0.03%	0.006%
32	8.582	2299	2304	2305	rBV	283	229	0.02%	0.004%
33	8.633	2312	2320	2328	rBV5	1307	2391	0.22%	0.047%
34	9.093	2453	2463	2480	rVB	121011	215884	19.57%	4.218%

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Instrument :
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 ClientSampleId :
 A40F8ME

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

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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
 Title : VOC Analysis

35	10.163	2789	2796	2797	rBV2	1625	1582	0.14%	0.031%
36	10.437	2870	2881	2898	rVB	124659	198445	17.99%	3.877%
37	10.617	2925	2937	2953	rVB3	9274	19225	1.74%	0.376%
38	10.739	2972	2975	2980	rVB3	522	548	0.05%	0.011%
39	10.781	2980	2988	2993	rBV2	457	566	0.05%	0.011%
40	10.881	3011	3019	3027	rBV2	652	951	0.09%	0.019%
41	11.160	3098	3106	3111	rBV3	712	970	0.09%	0.019%
42	11.389	3169	3177	3183	rBV2	2327	3245	0.29%	0.063%
43	11.424	3183	3188	3196	rVB3	3400	4657	0.42%	0.091%
44	11.485	3196	3207	3228	rVB2	162877	288633	26.16%	5.639%
45	11.633	3243	3253	3258	rBV4	1558	2815	0.26%	0.055%
46	11.665	3259	3263	3273	rVB2	1928	2717	0.25%	0.053%
47	11.752	3283	3290	3295	rBV3	1919	2807	0.25%	0.055%
48	11.864	3313	3325	3344	rVV	197354	314675	28.52%	6.148%
49	11.967	3349	3357	3361	rVB6	1648	2118	0.19%	0.041%
50	12.025	3369	3375	3382	rBV2	1192	1722	0.16%	0.034%
51	12.305	3406	3462	3467	rBV5	29114	160300	14.53%	3.132%
52	12.552	3533	3539	3545	rVB4	1079	1221	0.11%	0.024%
53	12.652	3563	3570	3578	rBV4	3471	4651	0.42%	0.091%
54	12.704	3579	3586	3595	rVV2	4593	6934	0.63%	0.135%
55	12.781	3607	3610	3615	rVB3	554	483	0.04%	0.009%
56	12.842	3615	3629	3637	rBV5	3158	6285	0.57%	0.123%
57	12.880	3637	3641	3644	rVV2	1001	732	0.07%	0.014%
58	12.970	3666	3669	3672	rBV2	512	336	0.03%	0.007%
59	13.032	3684	3688	3690	rBV2	382	344	0.03%	0.007%
60	13.125	3711	3717	3723	rBV3	2901	3565	0.32%	0.070%
61	13.173	3730	3732	3738	rVB3	311	293	0.03%	0.006%
62	13.337	3778	3783	3785	rVB2	360	275	0.02%	0.005%
63	13.507	3829	3836	3844	rBV3	3599	4926	0.45%	0.096%
64	13.646	3874	3879	3886	rVB3	437	423	0.04%	0.008%
65	13.752	3906	3912	3920	rVV3	451	646	0.06%	0.013%
66	13.884	3949	3953	3959	rVB2	662	701	0.06%	0.014%
67	13.996	3986	3988	3993	rVB	457	264	0.02%	0.005%
68	14.141	4029	4033	4040	rVB3	689	887	0.08%	0.017%
69	14.234	4057	4062	4065	rVV3	819	782	0.07%	0.015%
70	14.276	4067	4075	4086	rVB2	5941	9962	0.90%	0.195%
71	14.327	4086	4091	4093	rBV2	1208	1011	0.09%	0.020%

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Instrument :
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 ClientSampleId :
 A40F8ME

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
 Title : VOC Analysis

72	14.376	4103	4106	4109	rVB3	499	363	0.03%	0.007%
73	14.437	4121	4125	4127	rBV3	1010	961	0.09%	0.019%
74	14.475	4131	4137	4142	rBV6	3810	4900	0.44%	0.096%
75	14.588	4159	4172	4173	rBV5	2356	3675	0.33%	0.072%
76	14.720	4202	4213	4221	rVB6	1135	1935	0.18%	0.038%
77	14.787	4221	4234	4240	rVV2	49189	70982	6.43%	1.387%
78	14.829	4240	4247	4260	rVV	81041	127235	11.53%	2.486%
79	14.887	4260	4265	4274	rVB	17883	24513	2.22%	0.479%
80	14.964	4282	4289	4293	rBV5	1125	1434	0.13%	0.028%
81	15.009	4293	4303	4314	rVV2	70522	123871	11.23%	2.420%
82	15.060	4314	4319	4320	rVV3	14242	14175	1.28%	0.277%
83	15.086	4321	4327	4339	rVV	66131	94884	8.60%	1.854%
84	15.131	4339	4341	4342	rVV2	448	245	0.02%	0.005%
85	15.179	4343	4356	4368	rVB	23645	35427	3.21%	0.692%
86	15.456	4438	4442	4451	rVB2	1742	2007	0.18%	0.039%
87	15.607	4478	4489	4507	rBV	51903	83648	7.58%	1.634%
88	15.880	4566	4574	4584	rVB2	5623	8614	0.78%	0.168%
89	15.935	4589	4591	4595	rVV2	571	403	0.04%	0.008%
90	15.980	4602	4605	4611	rVB5	966	851	0.08%	0.017%
91	16.089	4630	4639	4648	rVB3	4302	6894	0.62%	0.135%
92	16.218	4674	4679	4686	rBV5	1704	2242	0.20%	0.044%
93	16.385	4725	4731	4736	rVB4	1721	2242	0.20%	0.044%
94	16.478	4754	4760	4770	rVB3	4662	5606	0.51%	0.110%
95	16.552	4770	4783	4798	rBV	742926	1103238	100.00%	21.555%
96	16.636	4800	4809	4819	rVV2	9214	14402	1.31%	0.281%
97	16.700	4819	4829	4846	rVB	72717	111376	10.10%	2.176%
98	16.816	4862	4865	4870	rBV5	729	657	0.06%	0.013%
99	17.276	4999	5008	5025	rVB4	19953	32154	2.91%	0.628%
100	17.485	5063	5073	5087	rVB4	44080	82432	7.47%	1.611%

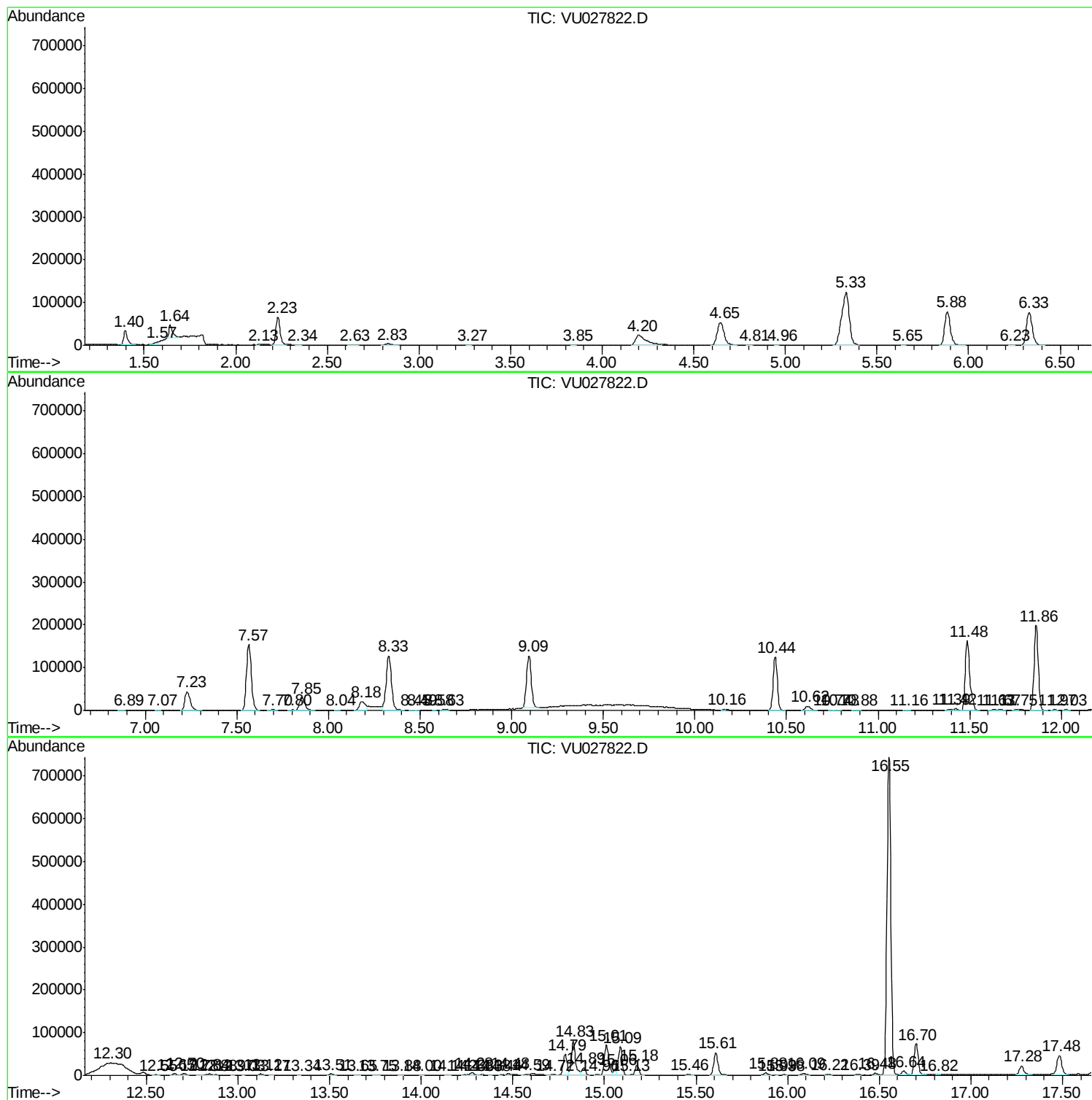
Sum of corrected areas: 5118204

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A40F8ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

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



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ALS Vial : 6 Sample Multiplier: 1

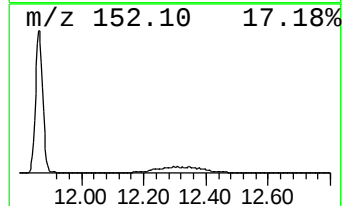
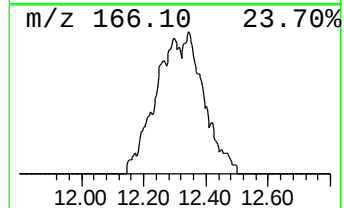
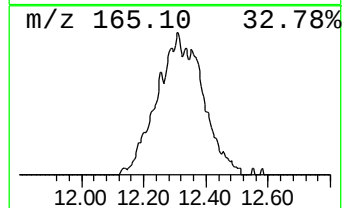
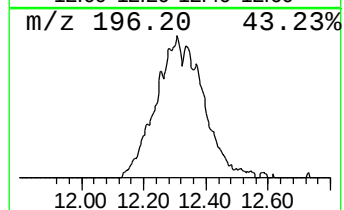
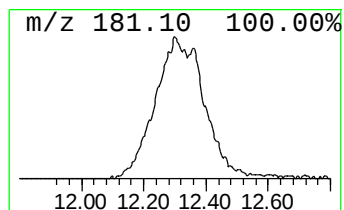
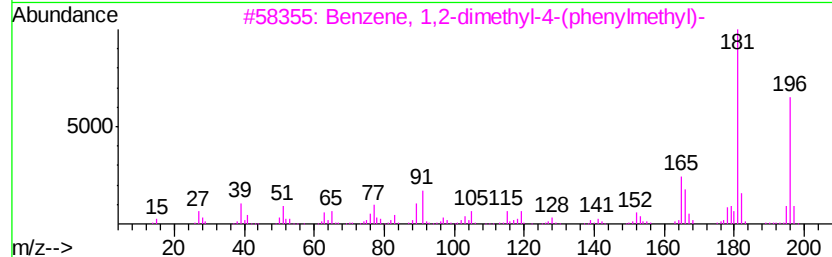
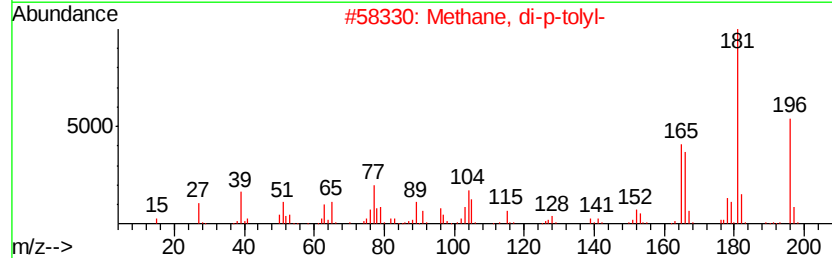
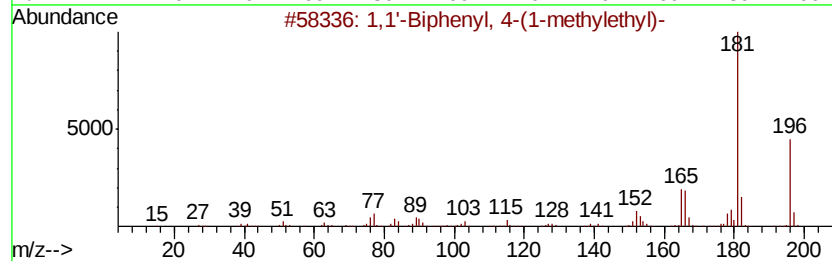
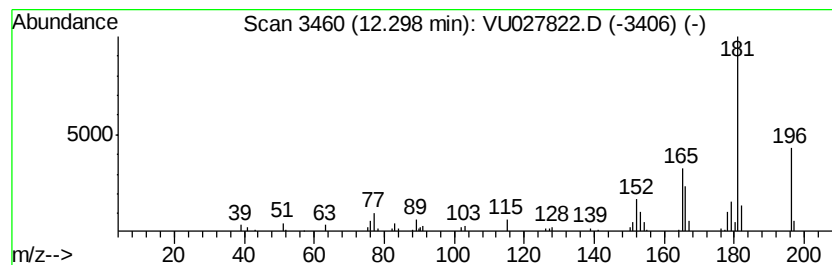
Instrument :
MSVOA_U
ClientSampleId :
A40F8ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.30	27.77 ug/L	160300	1,4-Dichlorobenzene-d4	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	93
2	Methane, di-p-tolyl-	196	C15H16	004957-14-6	91
3	Benzene, 1,2-dimethyl-4-(phenylmethyl)-	196	C15H16	013540-56-2	91
4	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	91
5	Methane, di-p-tolyl-	196	C15H16	004957-14-6	86



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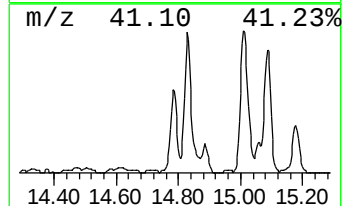
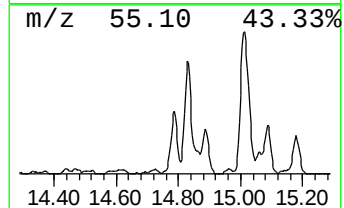
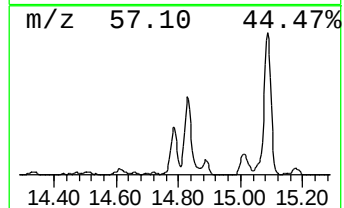
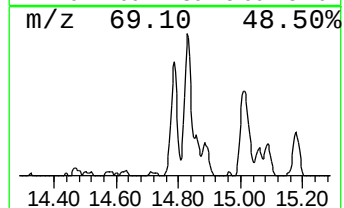
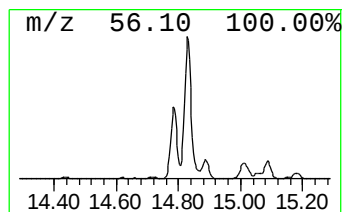
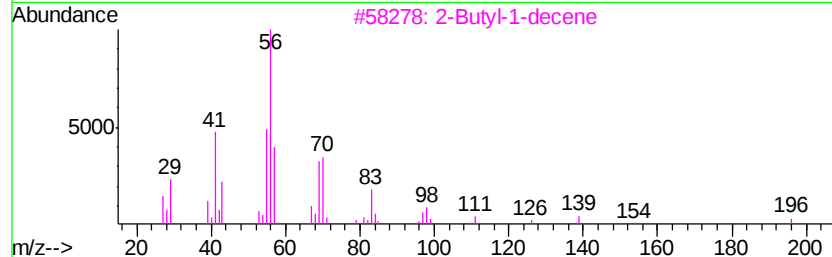
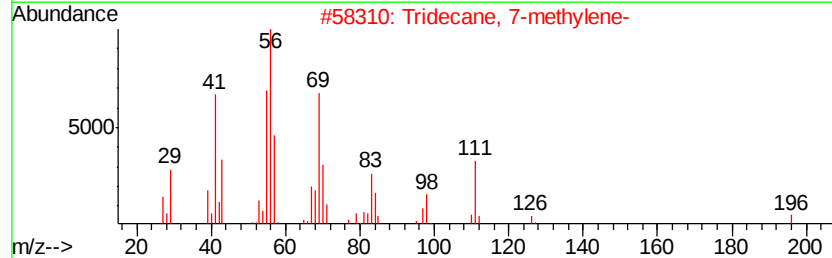
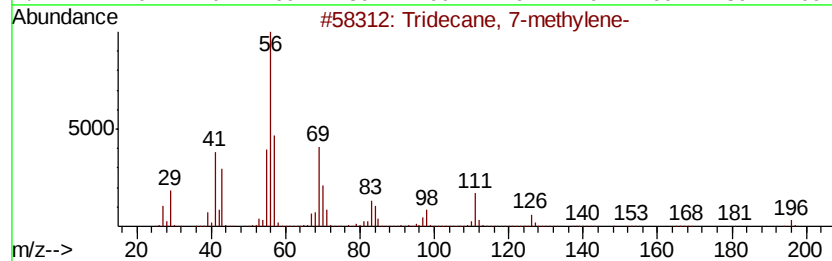
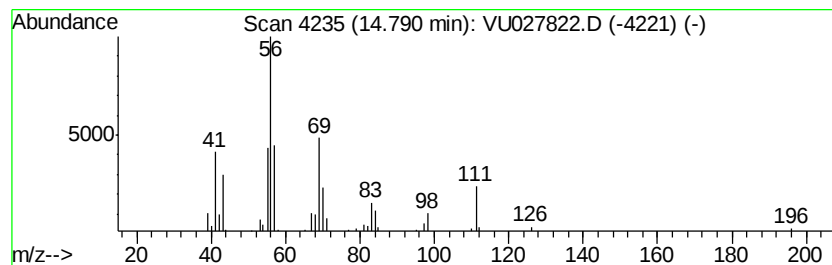
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic14.79 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	12.30 ug/L	70982	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-methylene-	196	C14H28	019780-80-4	94
2		Tridecane, 7-methylene-	196	C14H28	019780-80-4	93
3		2-Butyl-1-decene	196	C14H28	051655-65-3	68
4		5-Undecene, 2-methyl-, (Z)-	168	C12H24	074630-63-0	64
5		Decane, 5-methyl-6-methylene-	168	C12H24	075029-95-7	59



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ALS Vial : 6 Sample Multiplier: 1

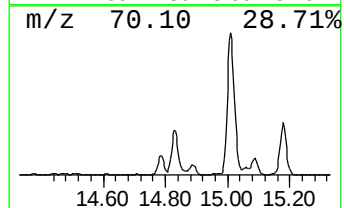
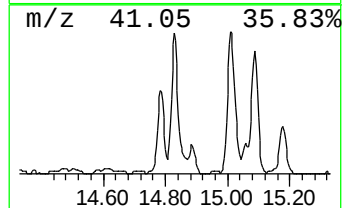
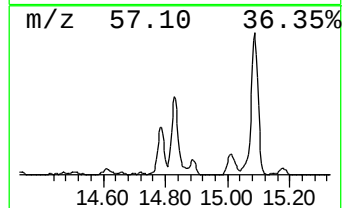
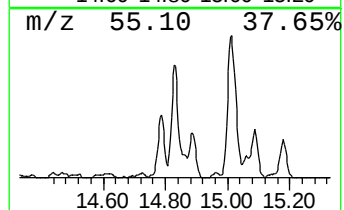
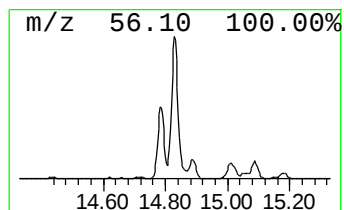
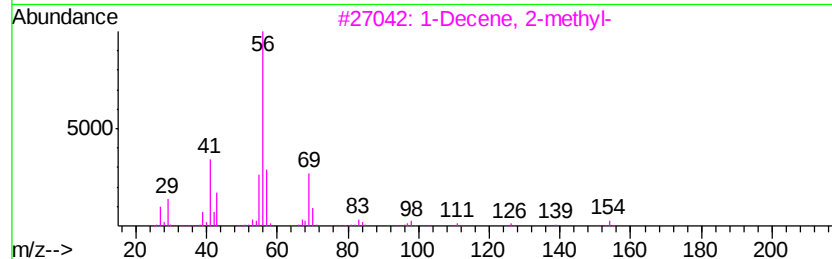
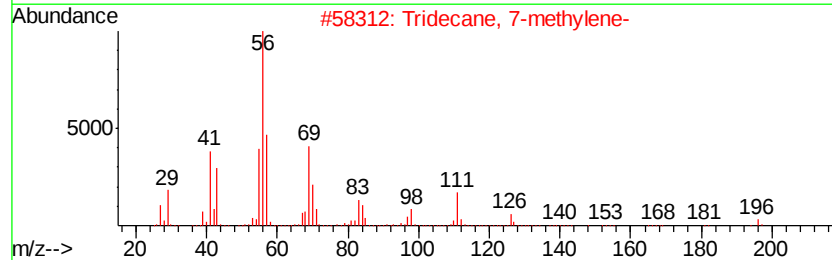
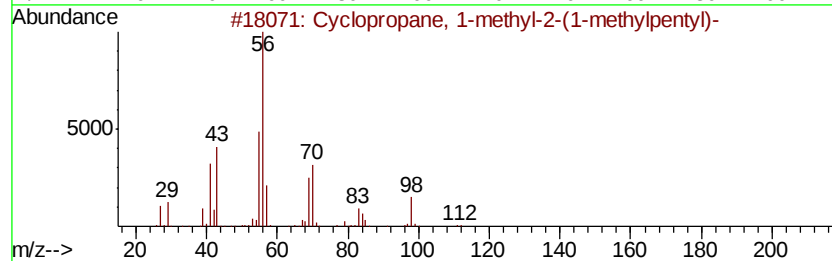
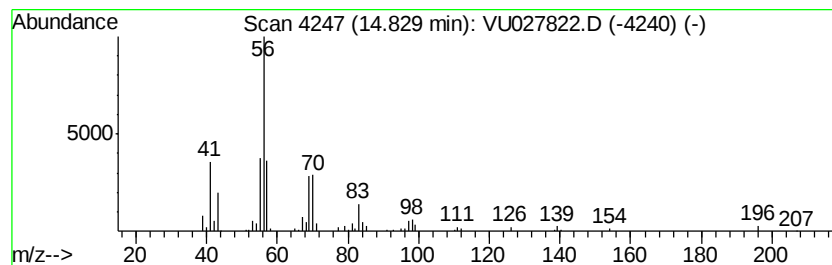
Instrument :
MSVOA_U
ClientSampleId :
A40F8ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Cyclic14.83 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.83	22.04 ug/L	127235	1,4-Dichlorobenzene-d4	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclopropane, 1-methyl-2-(1-meth...	140	C10H20	062238-06-6	80
2	Tridecane, 7-methylene-	196	C14H28	019780-80-4	64
3	1-Decene, 2-methyl-	154	C11H22	013151-27-4	64
4	Cvclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	64
5	1-Heptene, 2,6-dimethyl-	126	C9H18	003074-78-0	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102618\
Data File : VU027822.D
Acq On : 26 Oct 2018 10:50
Operator : MD/SY
Sample : J5635-22ME
Misc : 4.83µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A40F8ME

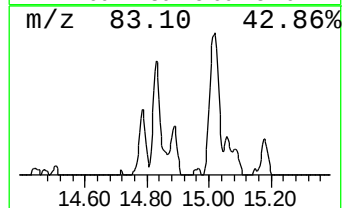
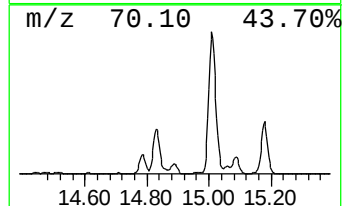
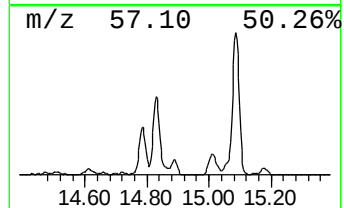
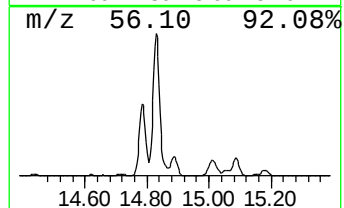
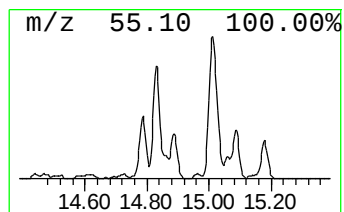
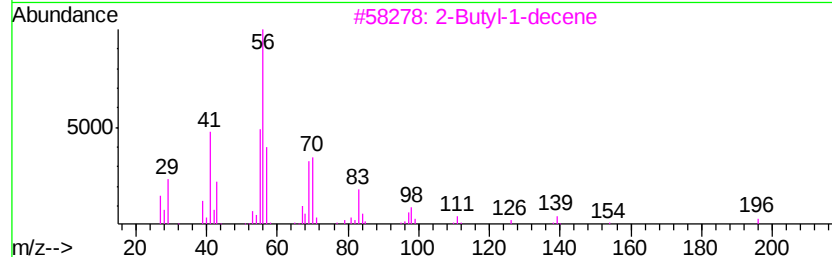
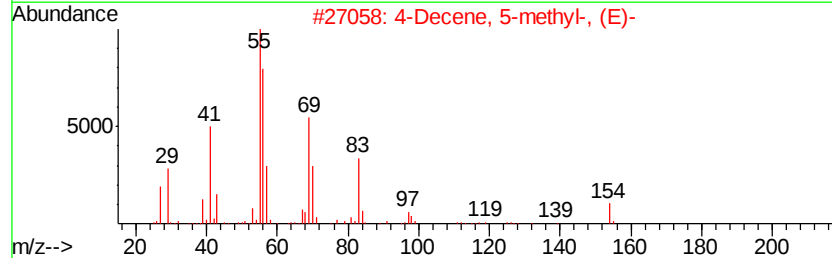
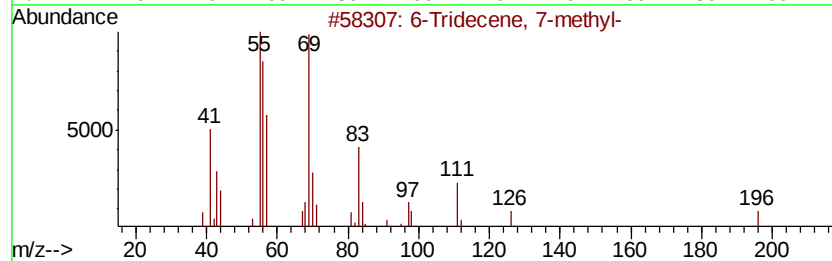
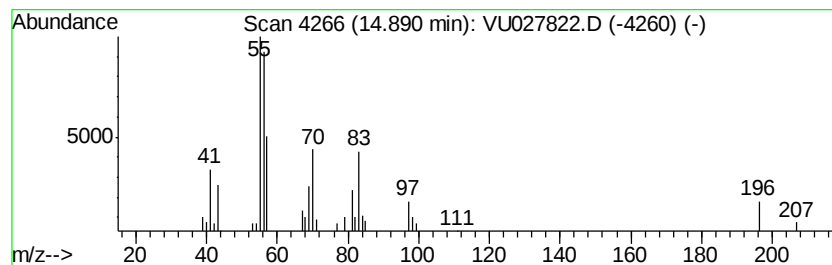
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Cyclic14.89 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	4.25 ug/L	24513	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	80
2		4-Decene, 5-methyl-, (E)-	154	C11H22	062338-51-6	72
3		2-Butyl-1-decene	196	C14H28	051655-65-3	64
4		Cyclotetradecane	196	C14H28	000295-17-0	59
5		5-Dodecene, (Z)-	168	C12H24	007206-28-2	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102618\
Data File : VU027822.D
Acq On : 26 Oct 2018 10:50
Operator : MD/SY
Sample : J5635-22ME
Misc : 4.83g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

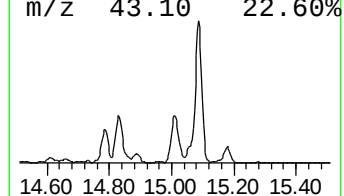
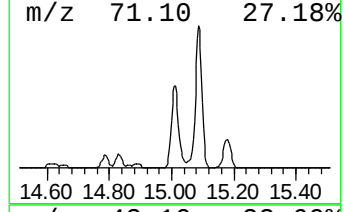
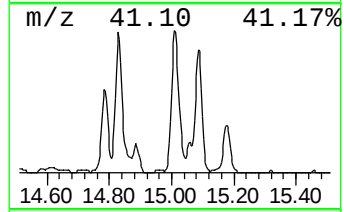
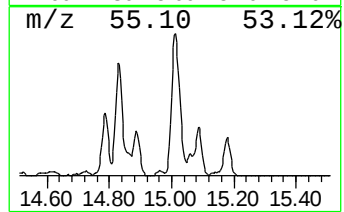
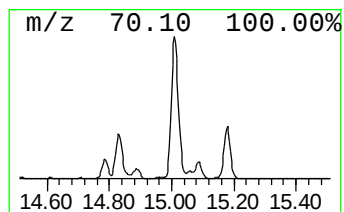
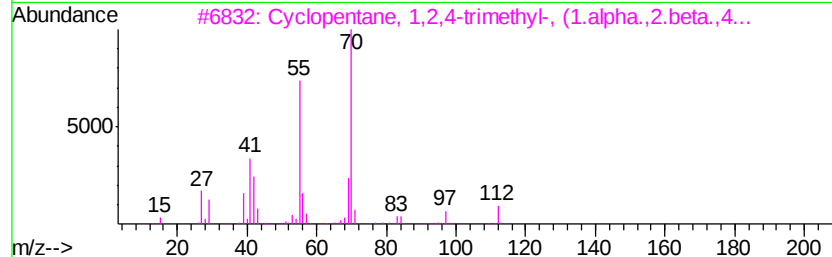
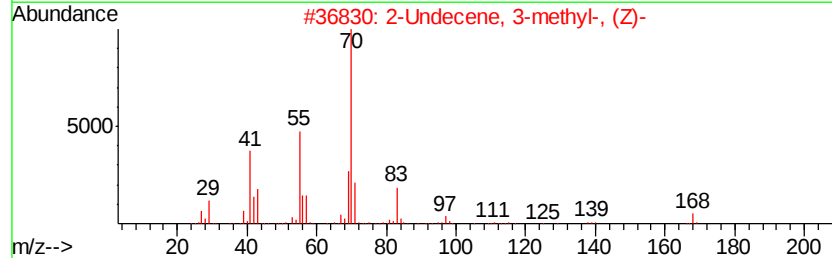
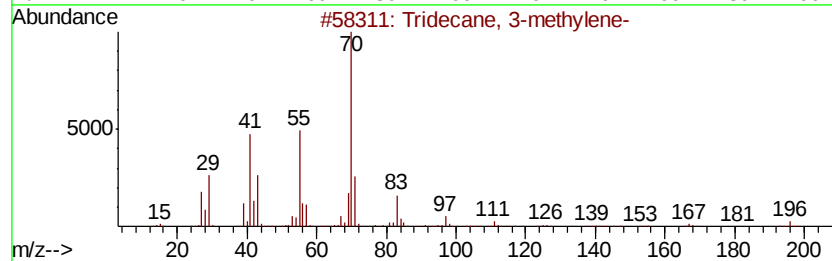
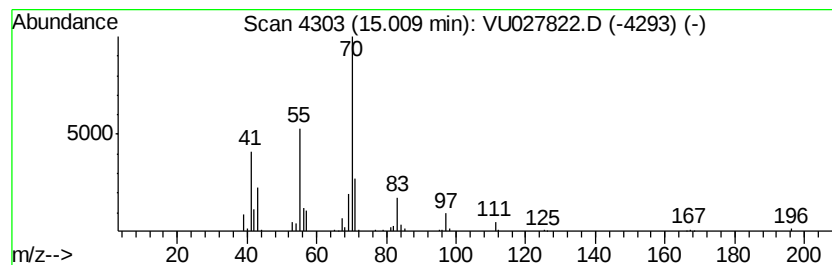
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Cyclic15.01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.01	21.46 ug/L	123871	1,4-Dichlorobenzene-d4	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methylene-	196	C14H28	019780-34-8	91
2	2-Undecene, 3-methyl-, (Z)-	168	C12H24	057024-90-5	64
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	64
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	59
5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102618\
Data File : VU027822.D
Acq On : 26 Oct 2018 10:50
Operator : MD/SY
Sample : J5635-22ME
Misc : 4.83uL/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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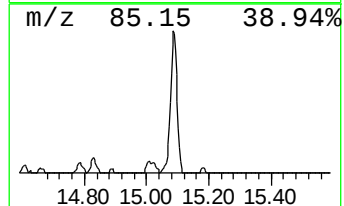
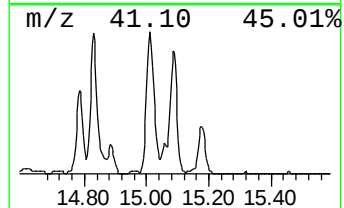
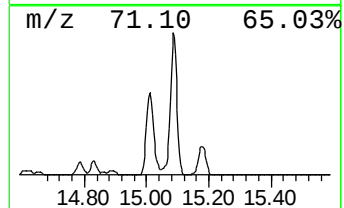
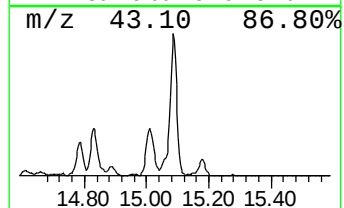
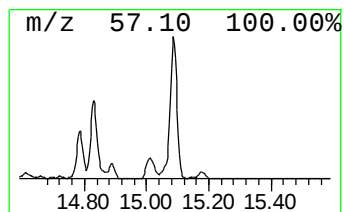
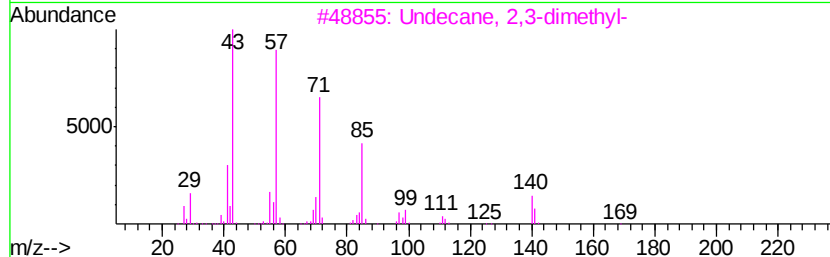
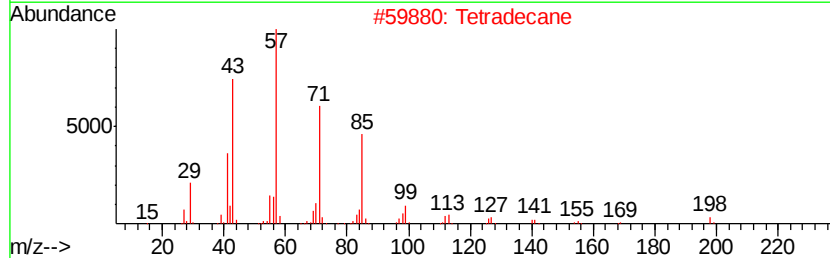
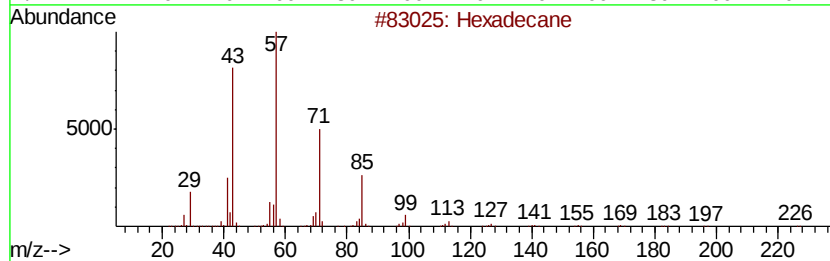
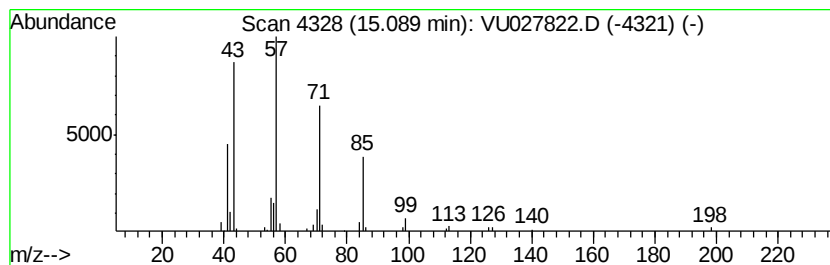
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	16.44 ug/L	94884	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Tetradecane	198	C14H30	000629-59-4	90
3		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102618\
Data File : VU027822.D
Acq On : 26 Oct 2018 10:50
Operator : MD/SY
Sample : J5635-22ME
Misc : 4.83g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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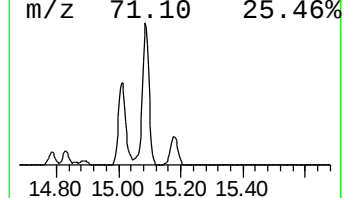
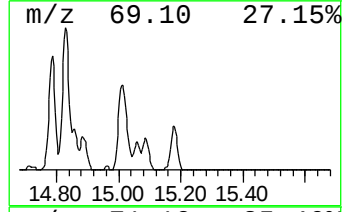
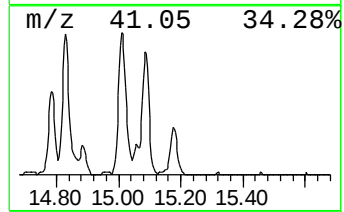
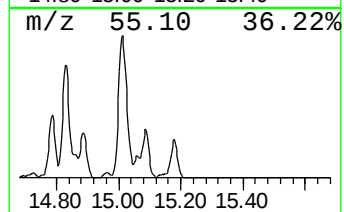
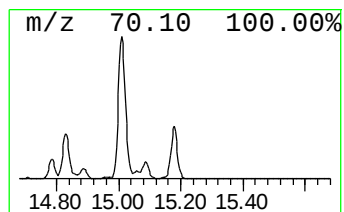
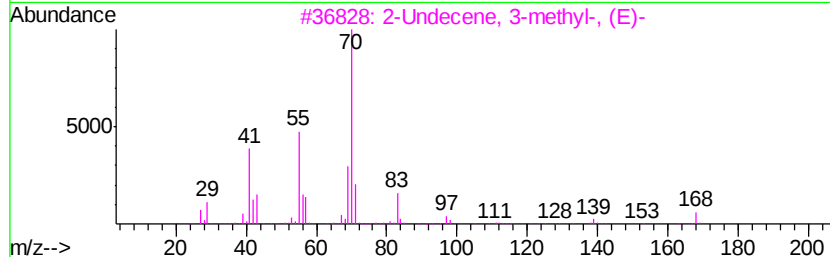
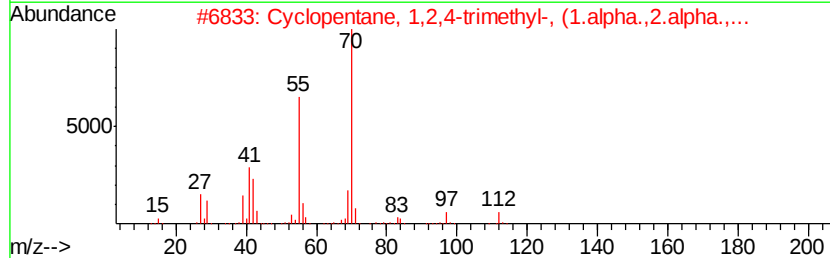
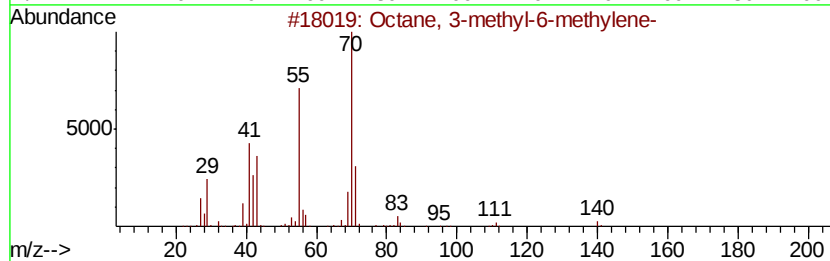
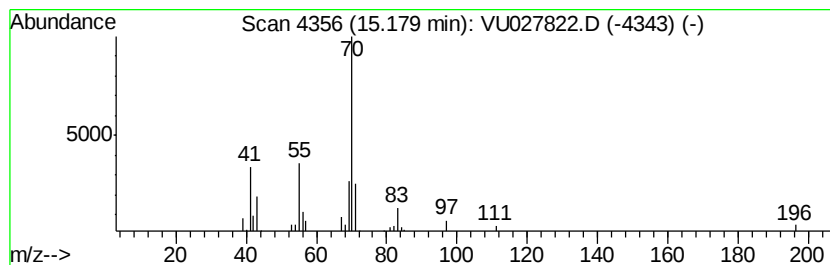
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	6.14 ug/L	35427	1,4-Dichlorobenzene-d4	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	72
2			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	59
3			2-Undecene, 3-methyl-, (E)-	168	C12H24	074630-47-0	56
4			2-Nonene, 3-methyl-, (E)-	140	C10H20	017003-99-5	50
5			Tridecane, 3-methylene-	196	C14H28	019780-34-8	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102618\
Data File : VU027822.D
Acq On : 26 Oct 2018 10:50
Operator : MD/SY
Sample : J5635-22ME
Misc : 4.83g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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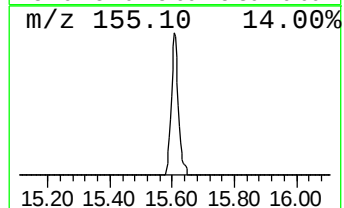
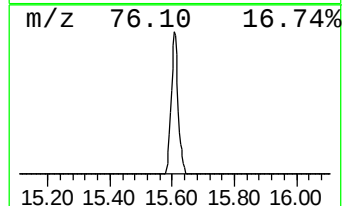
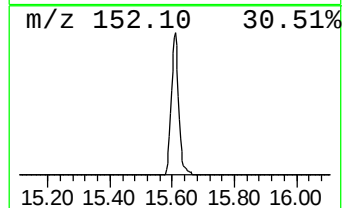
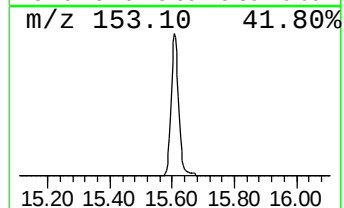
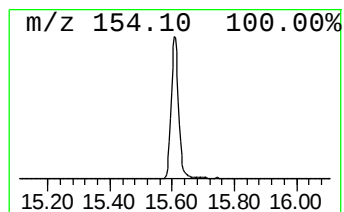
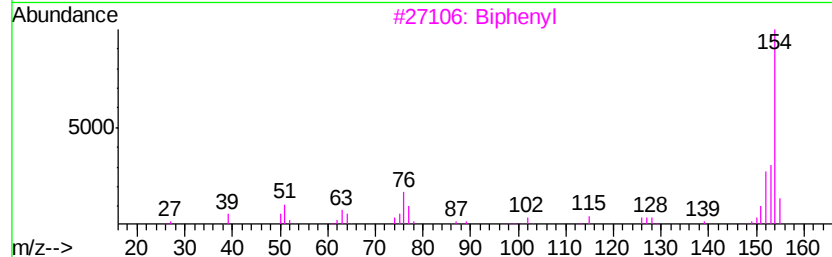
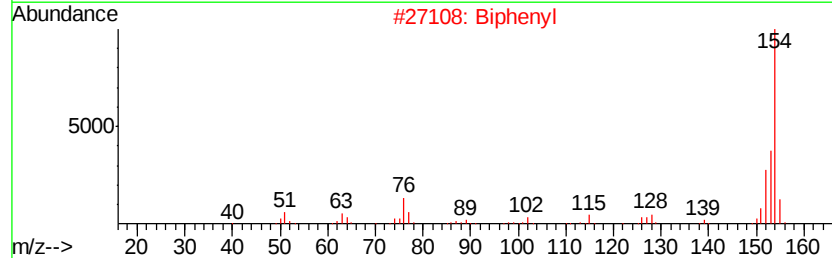
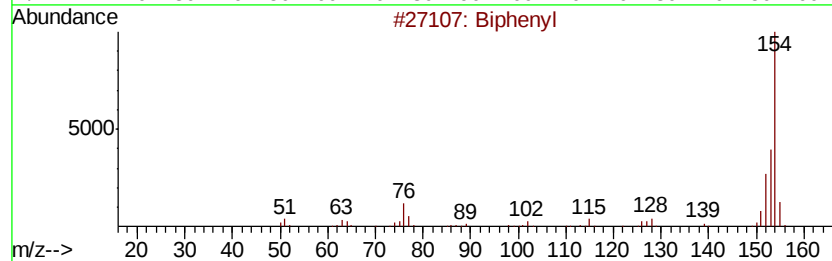
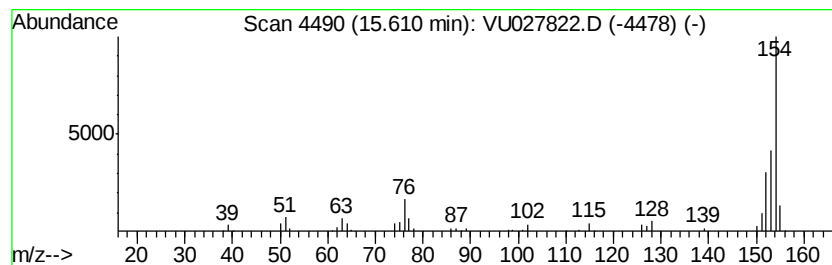
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Quant Title : VOC Analysis

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

Peak Number 12 Biphenyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	14.49 ug/L	83648	1,4-Dichlorobenzene-d4	11.49

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	94
5		Biphenyl	154	C12H10	000092-52-4	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102618\
Data File : VU027822.D
Acq On : 26 Oct 2018 10:50
Operator : MD/SY
Sample : J5635-22ME
Misc : 4.83g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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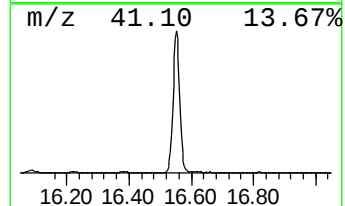
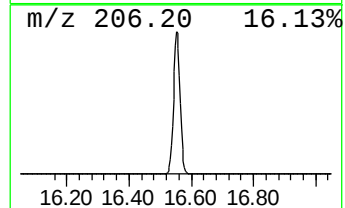
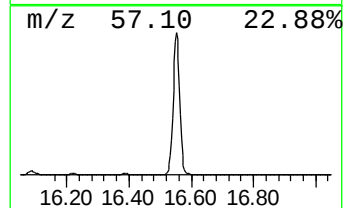
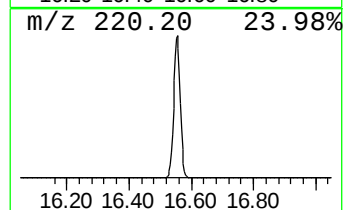
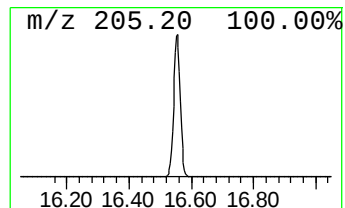
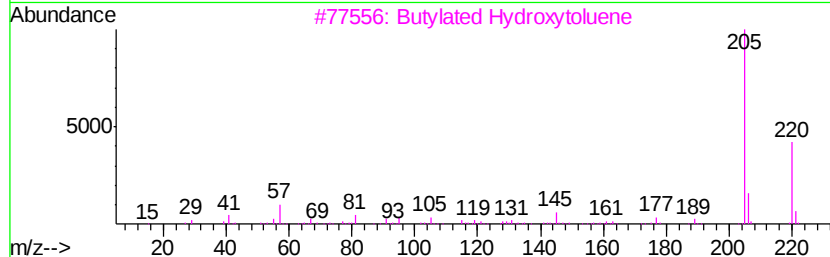
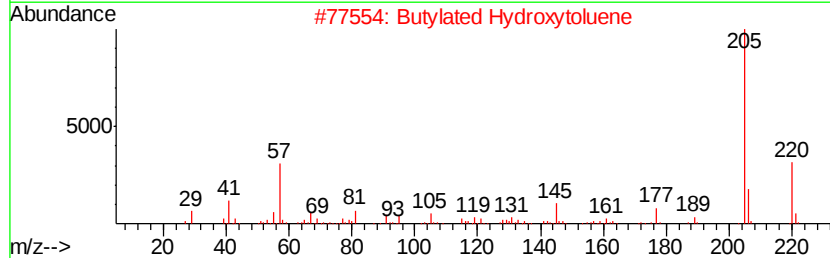
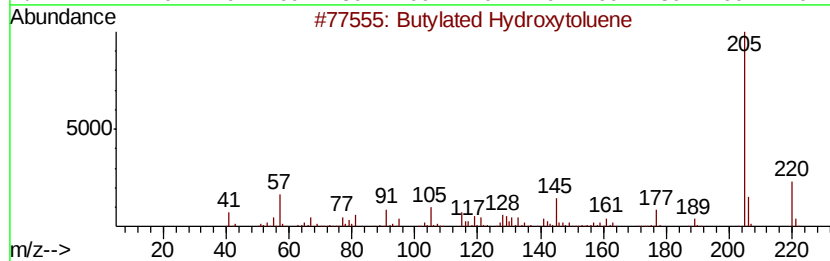
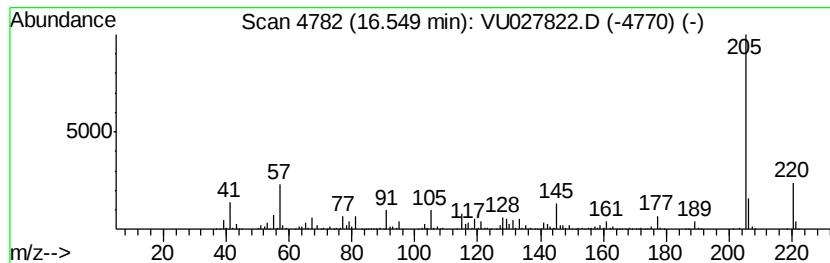
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Quant Title : VOC Analysis

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

Peak Number 13 Butylated Hydroxytoluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	191.11 ug/L	1103240	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
2		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	96
3		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
4		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	93
5		Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102618\
Data File : VU027822.D
Acq On : 26 Oct 2018 10:50
Operator : MD/SY
Sample : J5635-22ME
Misc : 4.83g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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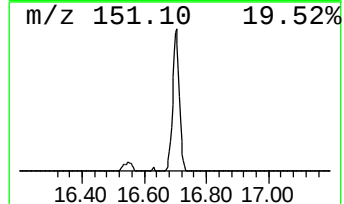
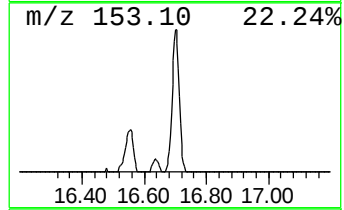
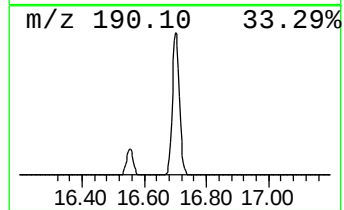
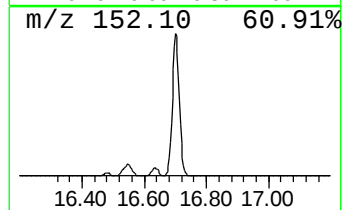
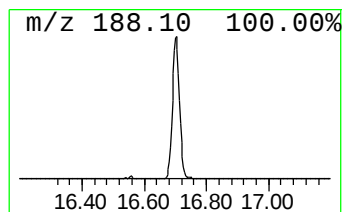
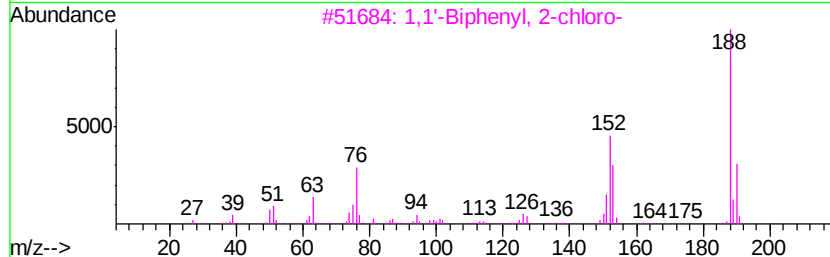
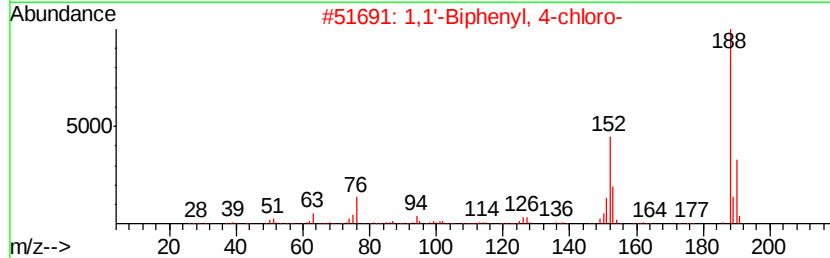
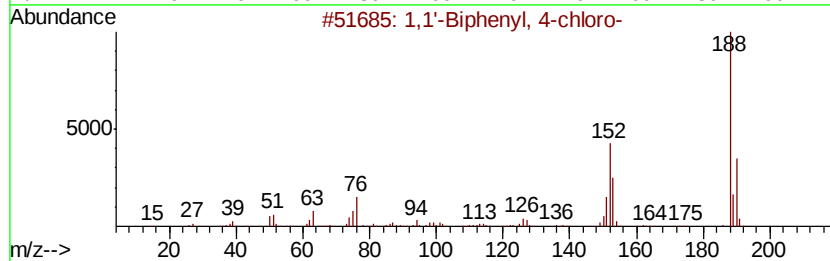
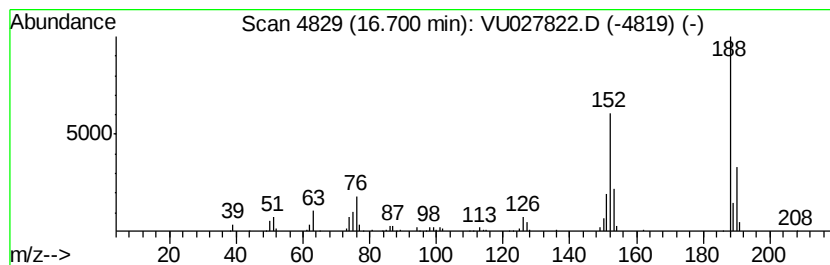
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Quant Title : VOC Analysis

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

Peak Number 14 1,1'-Biphenyl, 4-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	19.29 ug/L	111376	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	96
2		1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	94
3		1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	93
4		1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	93
5		3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102618\
Data File : VU027822.D
Acq On : 26 Oct 2018 10:50
Operator : MD/SY
Sample : J5635-22ME
Misc : 4.83g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A40F8ME

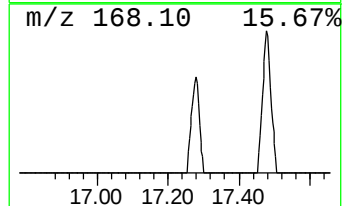
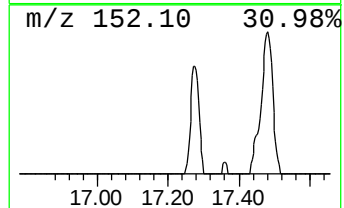
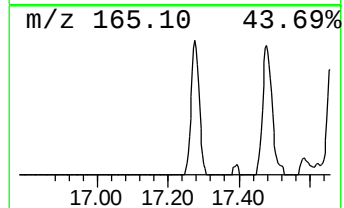
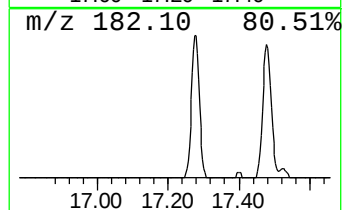
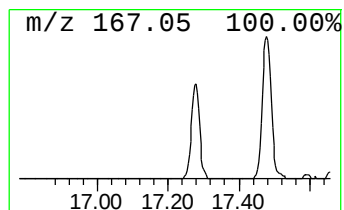
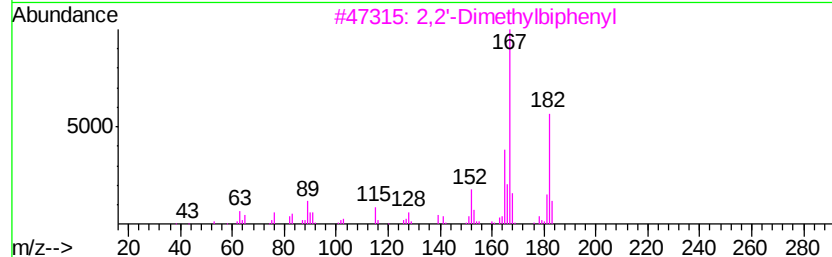
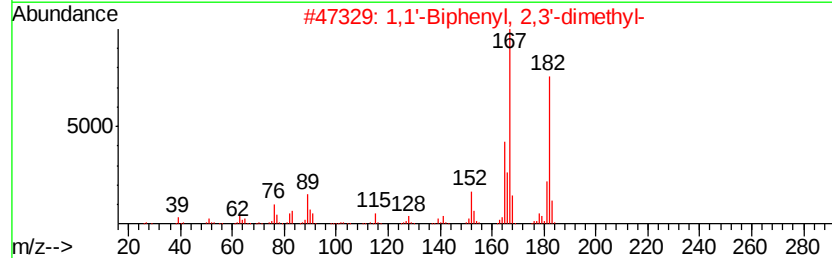
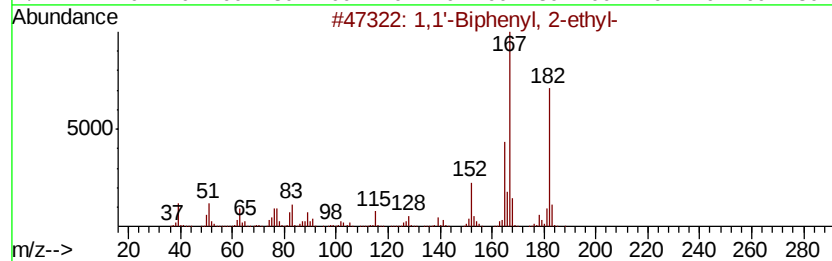
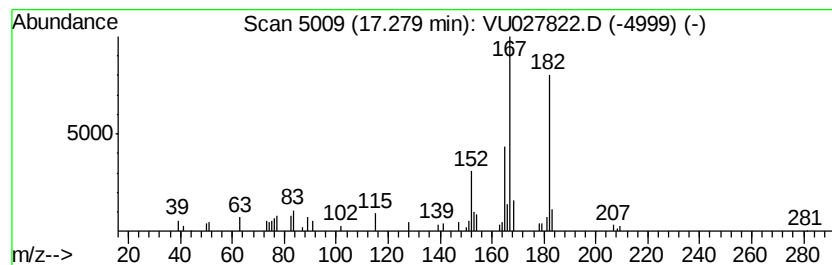
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Quant Title : VOC Analysis

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

Peak Number 15 1,1'-Biphenyl, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	5.57 ug/L	32154	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	95
2		1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	87
3		2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	87
4		4-Ethylbiphenyl	182	C14H14	005707-44-8	83
5		2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102618\
Data File : VU027822.D
Acq On : 26 Oct 2018 10:50
Operator : MD/SY
Sample : J5635-22ME
Misc : 4.83g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A40F8ME

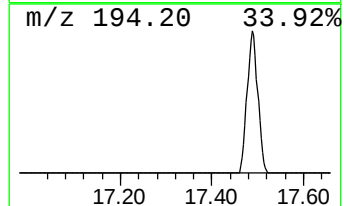
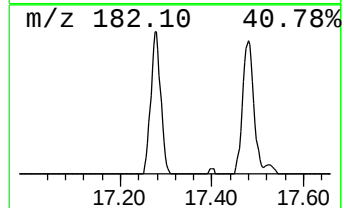
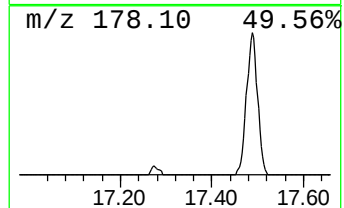
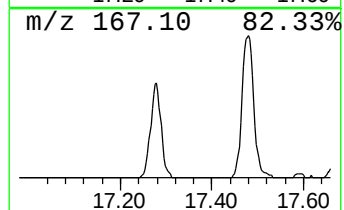
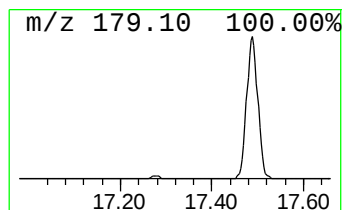
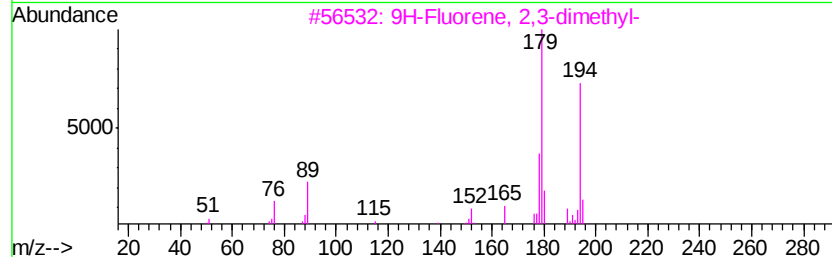
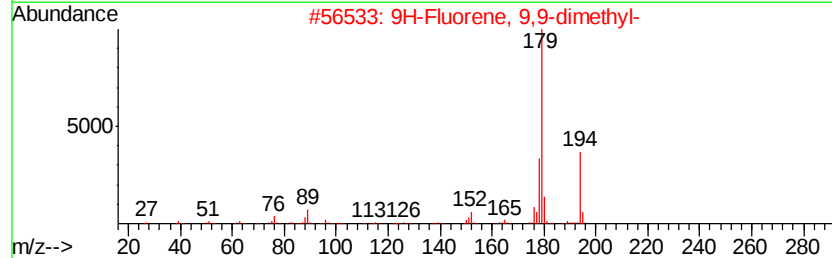
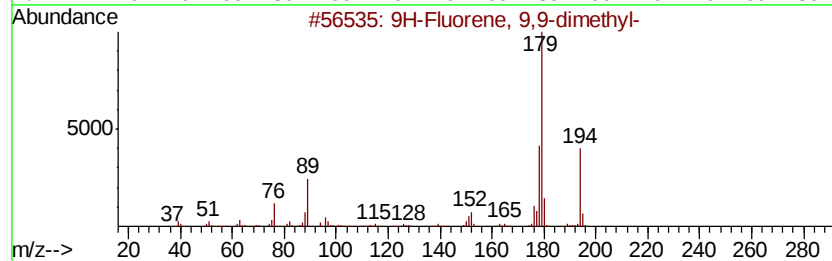
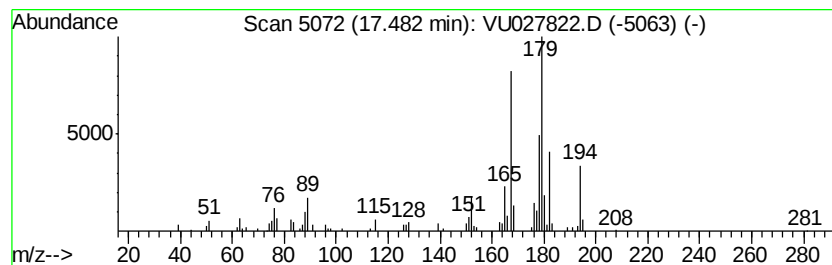
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

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

Peak Number 16 9H-Fluorene, 9,9-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.48	14.28 ug/L	82432	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	93
2		9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	78
3		9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	62
4		Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	55
5		Phenanthrene, 9,10-dihydro-1-met...	194	C15H14	095676-48-5	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU102618\
 Data File : VU027822.D
 Acq On : 26 Oct 2018 10:50
 Operator : MD/SY
 Sample : J5635-22ME
 Misc : 4.83g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A40F8ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.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
1,1'-Biphenyl, 4-...	12.30	27.8	ug/L	160300	3	11.49	288633	50.0
(DEL) Alkane: Cyc...	14.79	12.3	ug/L	70982	3	11.49	288633	50.0
(DEL) Alkane: Cyc...	14.83	22.0	ug/L	127235	3	11.49	288633	50.0
(DEL) Alkane: Cyc...	14.89	4.3	ug/L	24513	3	11.49	288633	50.0
(DEL) Alkane: Cyc...	15.01	21.5	ug/L	123871	3	11.49	288633	50.0
(DEL) Alkane: Str...	15.09	16.4	ug/L	94884	3	11.49	288633	50.0
(DEL) Alkane: Str...	15.18	6.1	ug/L	35427	3	11.49	288633	50.0
Biphenyl	15.61	14.5	ug/L	83648	3	11.49	288633	50.0
Butylated Hydroxy...	16.55	191.1	ug/L	1103240	3	11.49	288633	50.0
1,1'-Biphenyl, 4-...	16.70	19.3	ug/L	111376	3	11.49	288633	50.0
1,1'-Biphenyl, 2-...	17.28	5.6	ug/L	32154	3	11.49	288633	50.0
9H-Fluorene, 9,9-...	17.48	14.3	ug/L	82432	3	11.49	288633	50.0