

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
 Data File : VV028484.D
 Acq On : 09 Oct 2022 14:18
 Operator : SY/MD
 Sample : N4923-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10031

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Title : VOC Analysis

Signal : TIC: VV028484.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.304	75	82	97	rVB	234463	234500	0.73%	0.196%
2	1.442	103	125	157	rBV	138259	953512	2.95%	0.798%
3	1.564	158	163	179	rVB	191320	252913	0.78%	0.212%
4	2.105	322	331	354	rVB	367978	552231	1.71%	0.462%
5	3.902	879	890	931	rBV2	68820	327695	1.01%	0.274%
6	4.342	1012	1027	1055	rVB	247465	616928	1.91%	0.516%
7	4.677	1124	1131	1133	rBV6	1163	1240	0.00%	0.001%
8	5.040	1227	1244	1255	rBV2	631716	1635118	5.06%	1.369%
9	5.612	1409	1422	1453	rBV	423623	866139	2.68%	0.725%
10	5.912	1507	1515	1517	rBV6	1819	2656	0.01%	0.002%
11	6.066	1546	1563	1595	rBV	352861	743742	2.30%	0.622%
12	6.802	1789	1792	1796	rVV5	1098	1044	0.00%	0.001%
13	6.982	1837	1848	1878	rVV	217309	405338	1.25%	0.339%
14	7.310	1936	1950	1963	rBV	770915	1335536	4.13%	1.118%
15	7.381	1963	1972	2000	rVB	622496	1083629	3.35%	0.907%
16	7.526	2012	2017	2018	rBV5	3266	2584	0.01%	0.002%
17	7.616	2035	2045	2063	rBV	143106	256086	0.79%	0.214%
18	7.934	2134	2144	2154	rBV4	6155	10699	0.03%	0.009%
19	8.085	2181	2191	2227	rBV	434915	818619	2.53%	0.685%
20	8.751	2393	2398	2403	rVB5	1782	1985	0.01%	0.002%
21	8.847	2413	2428	2453	rBV	629257	1033094	3.20%	0.865%
22	9.005	2464	2477	2497	rBV	2606394	4067848	12.59%	3.405%
23	9.130	2503	2516	2547	rVB	2118198	3421438	10.59%	2.864%
24	9.307	2561	2571	2586	rBV3	28699	53779	0.17%	0.045%
25	9.493	2621	2629	2632	rVV3	19673	25457	0.08%	0.021%
26	9.535	2632	2642	2667	rVB	1242332	1920027	5.94%	1.607%
27	9.664	2678	2682	2687	rBV5	1372	1269	0.00%	0.001%
28	9.773	2705	2716	2729	rBV2	14462	24734	0.08%	0.021%
29	9.924	2750	2763	2789	rVV	428880	660493	2.04%	0.553%
30	10.117	2817	2823	2825	rBV5	1341	1186	0.00%	0.001%
31	10.207	2835	2851	2865	rBV	460007	734943	2.27%	0.615%
32	10.271	2865	2871	2883	rVB	13895	21334	0.07%	0.018%
33	10.345	2883	2894	2911	rBV	294398	458937	1.42%	0.384%
34	10.442	2913	2924	2926	rBV	343840	445515	1.38%	0.373%
35	10.532	2942	2952	2966	rVB	465850	680041	2.10%	0.569%
36	10.728	3002	3013	3038	rVB	415186	693473	2.15%	0.580%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
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37	10.905	3045	3068	3082	rBV	1817043	2793764	8.64%	2.338%
38	10.979	3082	3091	3101	rVV	139344	211726	0.66%	0.177%
39	11.034	3102	3108	3117	rVV4	20838	35318	0.11%	0.030%
40	11.082	3118	3123	3136	rVB3	13672	20393	0.06%	0.017%
41	11.159	3136	3147	3162	rBV	874948	1486590	4.60%	1.244%
42	11.239	3162	3172	3187	rVV	759722	1188644	3.68%	0.995%
43	11.326	3188	3199	3212	rVV	909466	1339706	4.15%	1.121%
44	11.390	3212	3219	3230	rVB	44591	64911	0.20%	0.054%
45	11.445	3231	3236	3245	rVB2	7535	10766	0.03%	0.009%
46	11.519	3245	3259	3279	rBV	4404258	6794844	21.02%	5.687%
47	11.615	3279	3289	3306	rVB2	829295	1438173	4.45%	1.204%
48	11.734	3314	3326	3343	rBV	6771853	10168733	31.46%	8.511%
49	11.902	3369	3378	3383	rBV	94636	145831	0.45%	0.122%
50	12.005	3398	3410	3431	rBV	279269	457322	1.42%	0.383%
51	12.104	3431	3441	3460	rBV	382259	615595	1.90%	0.515%
52	12.185	3461	3466	3475	rVB	39633	56161	0.17%	0.047%
53	12.249	3475	3486	3494	rBV4	30090	55623	0.17%	0.047%
54	12.304	3494	3503	3508	rBV	52164	77954	0.24%	0.065%
55	12.349	3508	3517	3527	rBV	1165690	1727030	5.34%	1.445%
56	12.403	3527	3534	3539	rBV	216124	280683	0.87%	0.235%
57	12.451	3539	3549	3560	rBV2	2707002	4647011	14.38%	3.889%
58	12.532	3569	3574	3583	rVB	320957	445173	1.38%	0.373%
59	12.635	3600	3606	3613	rVB	29957	38790	0.12%	0.032%
60	12.715	3621	3631	3647	rVB	513816	764785	2.37%	0.640%
61	12.786	3649	3653	3661	rVB9	7715	9364	0.03%	0.008%
62	12.869	3664	3679	3690	rBV2	647670	1019010	3.15%	0.853%
63	12.937	3690	3700	3712	rVB	897146	1346312	4.17%	1.127%
64	13.043	3721	3733	3752	rVB	1081079	1750671	5.42%	1.465%
65	13.140	3753	3763	3773	rBV5	39754	78802	0.24%	0.066%
66	13.207	3776	3784	3792	rVB2	73433	107964	0.33%	0.090%
67	13.258	3792	3800	3807	rBV3	78396	119270	0.37%	0.100%
68	13.361	3826	3832	3837	rBV	33980	42480	0.13%	0.036%
69	13.493	3858	3873	3894	rBV	19803251	32319328	100.00%	27.050%
70	13.609	3895	3909	3918	rVV	2031526	3256722	10.08%	2.726%
71	13.657	3919	3924	3931	rVV	279933	426777	1.32%	0.357%
72	13.699	3932	3937	3947	rVV2	179038	276905	0.86%	0.232%
73	13.754	3948	3954	3964	rVV2	85298	132712	0.41%	0.111%
74	13.808	3964	3971	3983	rVB2	41780	64851	0.20%	0.054%
75	13.895	3988	3998	4003	rBV3	53217	93045	0.29%	0.078%
76	14.030	4035	4040	4046	rVB2	31552	38429	0.12%	0.032%

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77	14.085	4047	4057	4066	rBV3	138173	280733	0.87%	0.235%
78	14.213	4081	4097	4109	rBV2	116322	266504	0.82%	0.223%
79	14.278	4110	4117	4129	rVB2	122222	197746	0.61%	0.166%
80	14.390	4146	4152	4156	rBV2	13955	17651	0.05%	0.015%
81	14.477	4172	4179	4192	rVB4	33864	60440	0.19%	0.051%
82	14.564	4194	4206	4213	rBV	298287	481969	1.49%	0.403%
83	14.619	4213	4223	4250	rVB	2285533	3569387	11.04%	2.987%
84	14.738	4250	4260	4268	rBV2	68604	110356	0.34%	0.092%
85	14.802	4268	4280	4295	rBV	6010926	9475405	29.32%	7.931%
86	15.258	4418	4422	4427	rVB6	4464	4524	0.01%	0.004%
87	15.348	4430	4450	4462	rBV	311092	490054	1.52%	0.410%
88	15.413	4464	4470	4477	rVB3	20644	26451	0.08%	0.022%
89	15.538	4492	4509	4515	rBV2	113912	220672	0.68%	0.185%
90	15.651	4533	4544	4568	rVB	493399	931352	2.88%	0.780%
91	15.757	4570	4577	4578	rBV2	16448	14973	0.05%	0.013%
92	15.795	4579	4589	4597	rBV	782177	1209760	3.74%	1.013%
93	15.998	4641	4652	4653	rBV	107803	126413	0.39%	0.106%
94	16.165	4695	4704	4719	rVB2	107176	164221	0.51%	0.137%
95	16.262	4724	4734	4751	rBV3	68085	137685	0.43%	0.115%
96	16.471	4787	4799	4820	rBV	756405	1215019	3.76%	1.017%
97	16.647	4848	4854	4862	rBV	15266	22817	0.07%	0.019%
98	16.770	4881	4892	4908	rVB3	62371	116780	0.36%	0.098%
99	16.901	4928	4933	4942	rVB3	14149	20738	0.06%	0.017%
100	17.374	5075	5080	5089	rVB3	16460	23301	0.07%	0.020%

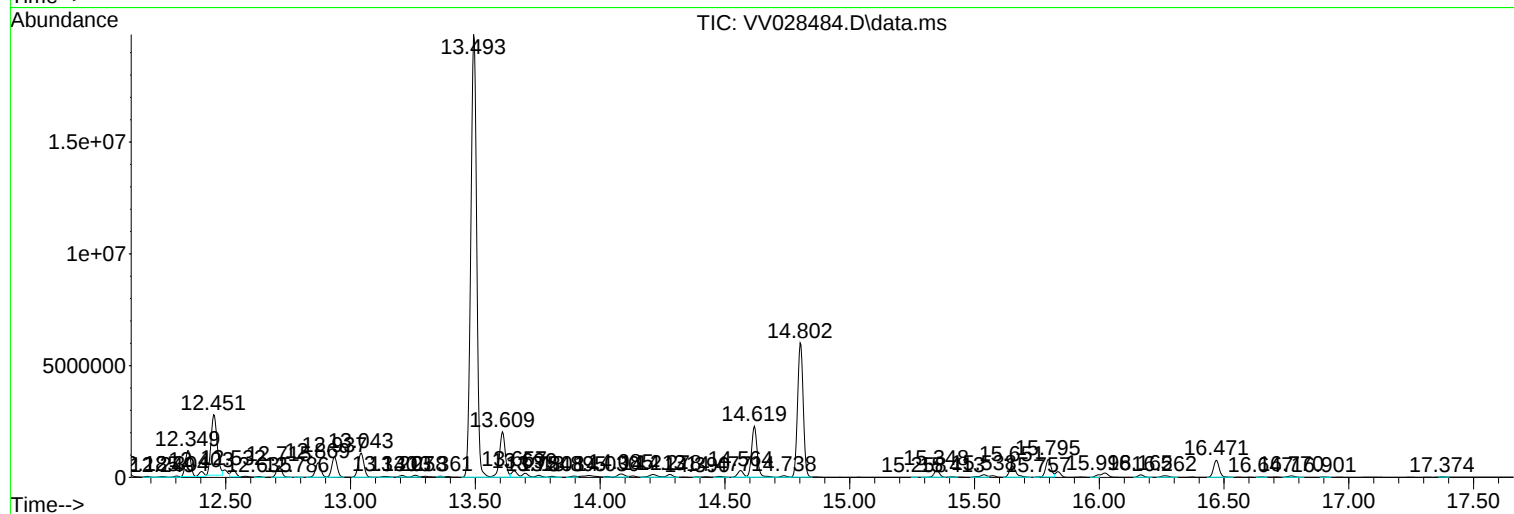
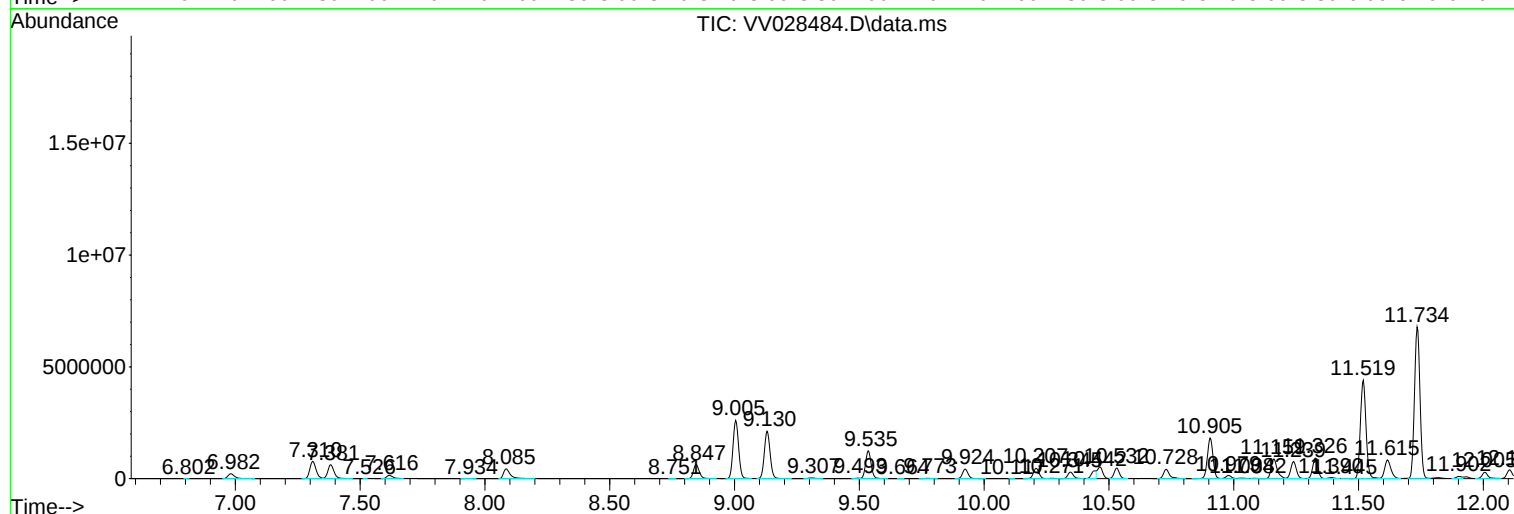
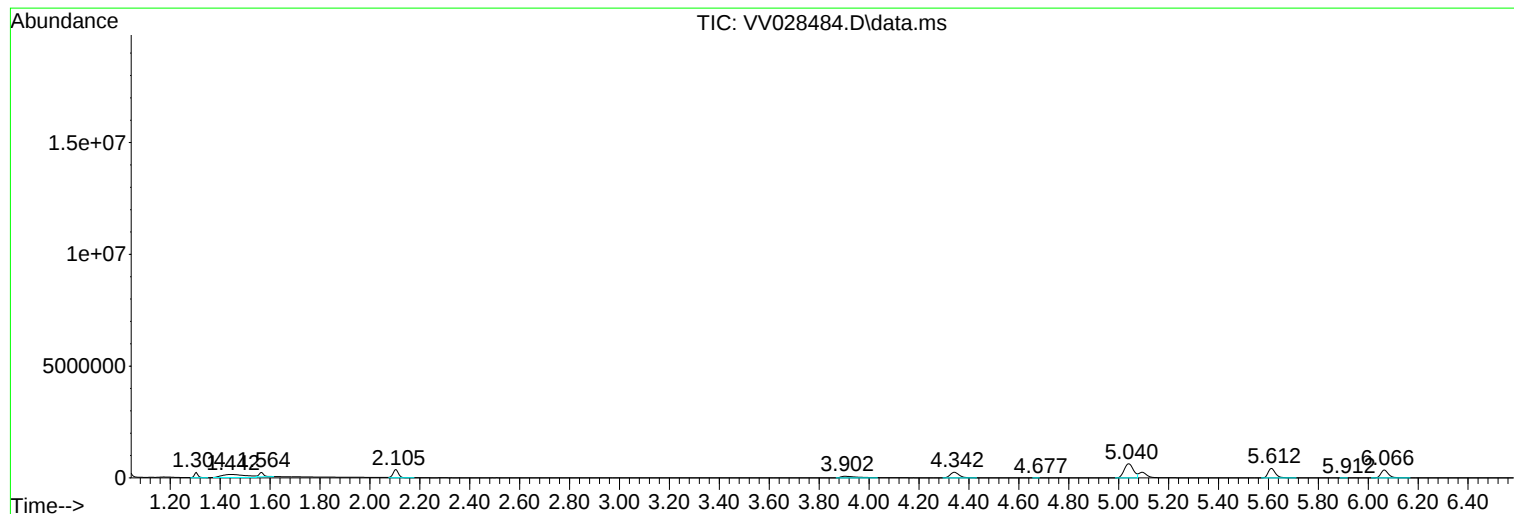
Sum of corrected areas: 119478881

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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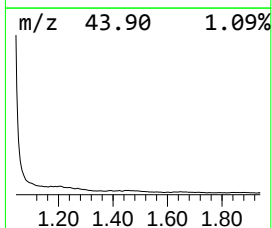
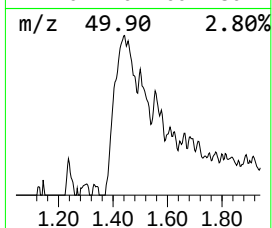
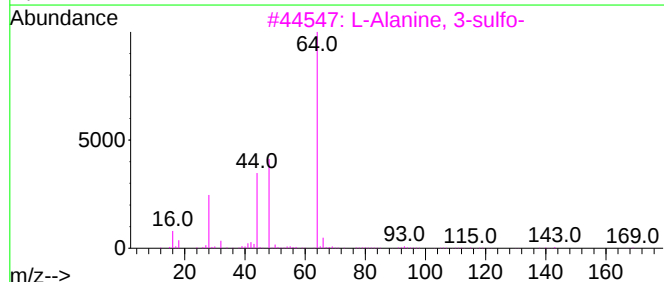
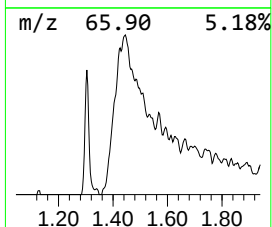
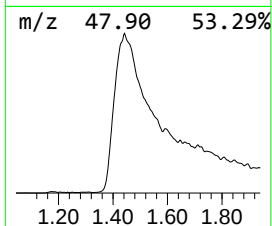
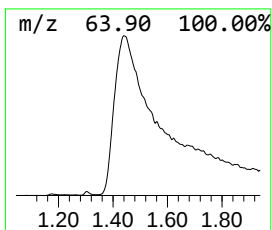
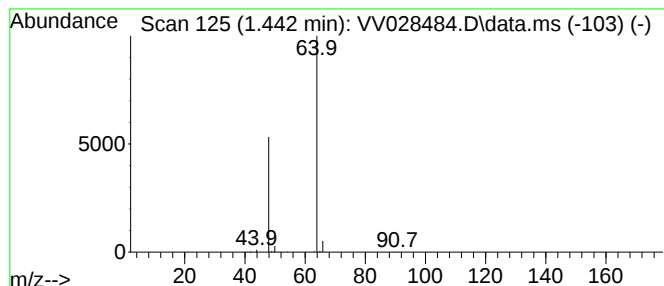
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfur dioxide Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.442	55.04 ug/L	953512	1,4-Difluorobenzene	5.612

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	90
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5			Sulfur dioxide	64	O2S	007446-09-5	4



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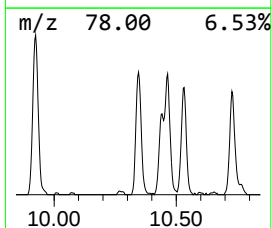
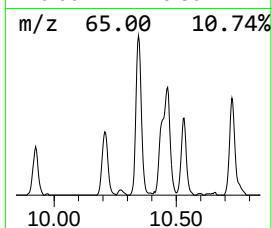
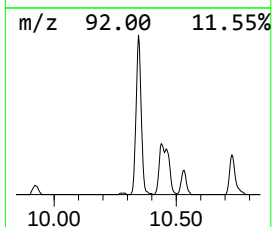
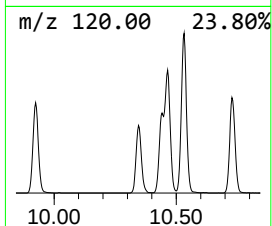
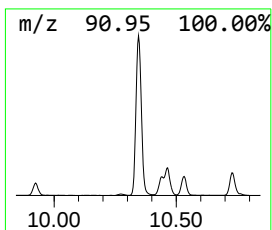
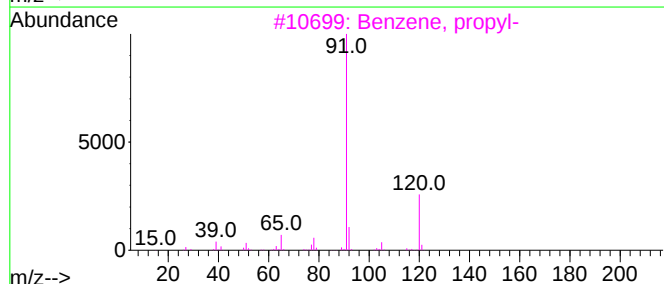
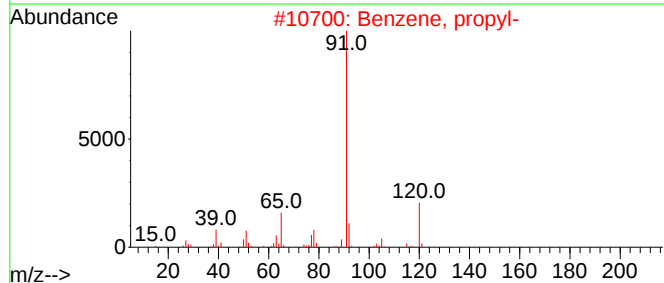
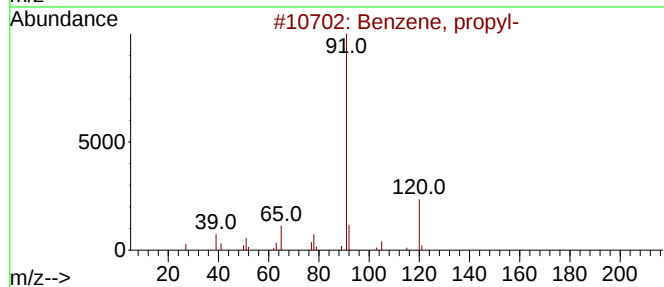
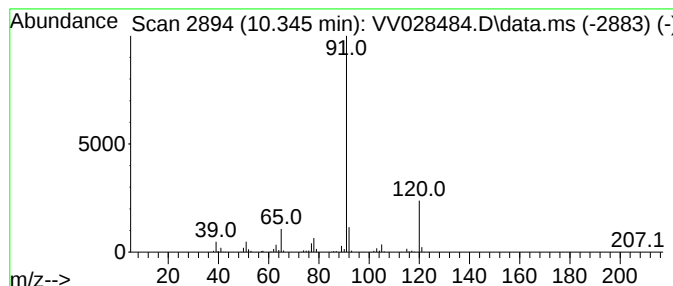
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, propyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.345	19.31 ug/L	458937	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	94
2			Benzene, propyl-	120	C9H12	000103-65-1	91
3			Benzene, propyl-	120	C9H12	000103-65-1	90
4			Benzene, propyl-	120	C9H12	000103-65-1	90
5			1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72



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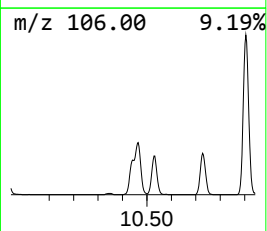
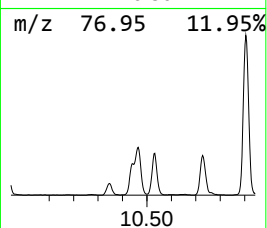
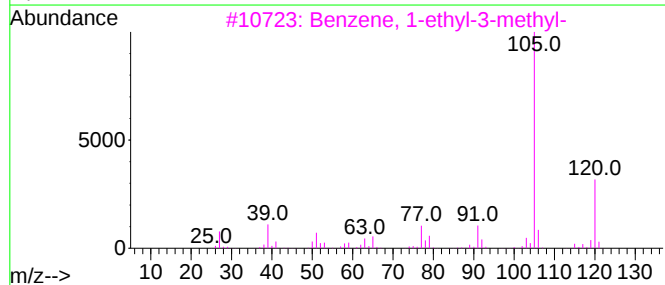
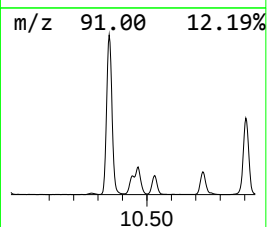
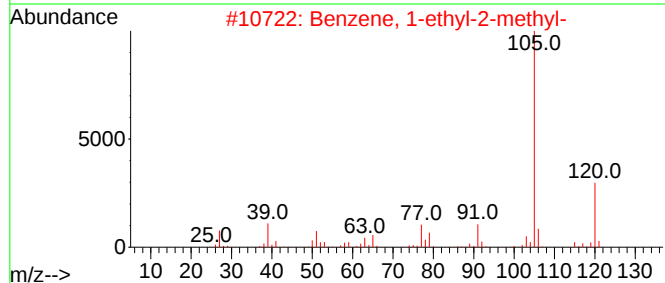
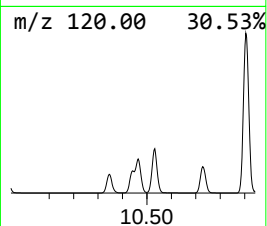
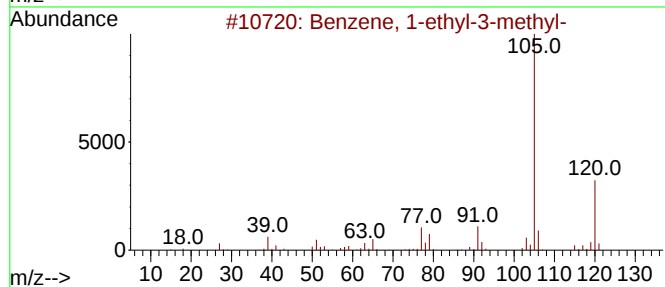
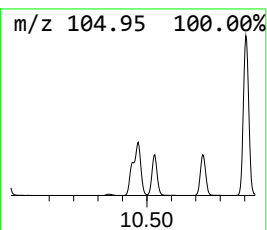
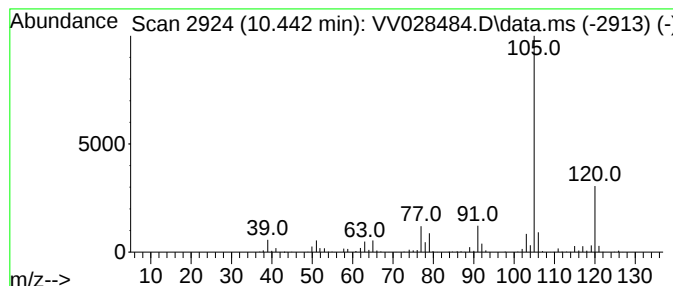
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.442	18.74 ug/L	445515	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10031

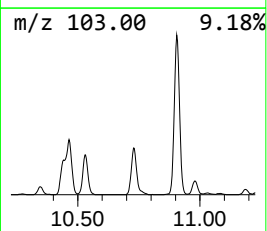
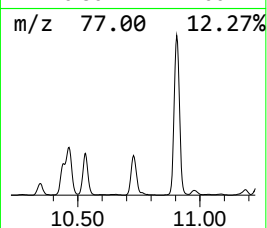
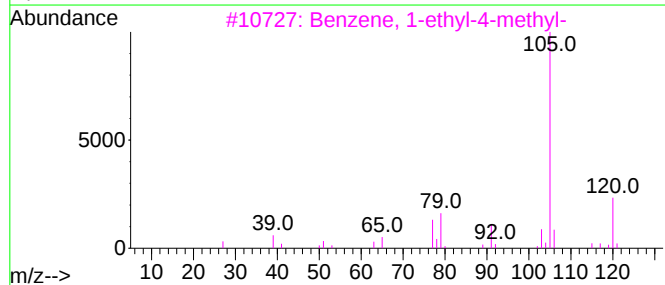
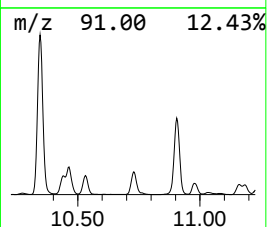
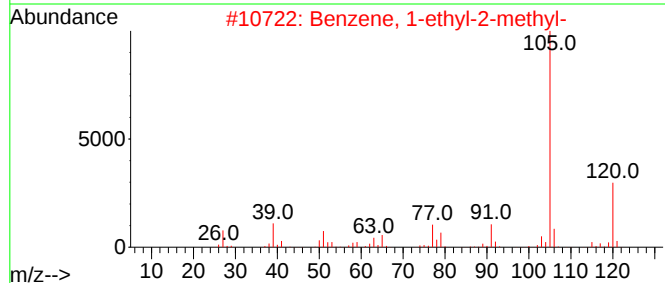
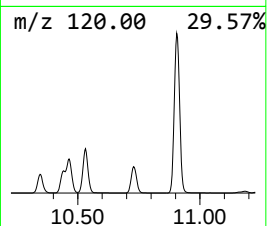
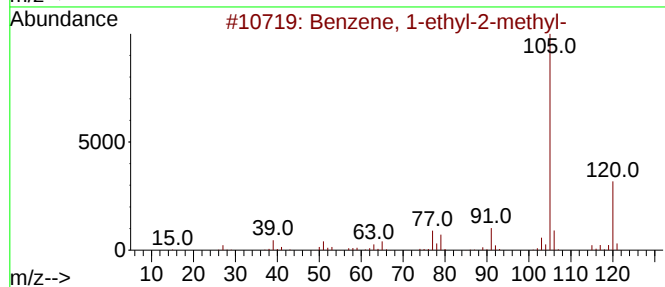
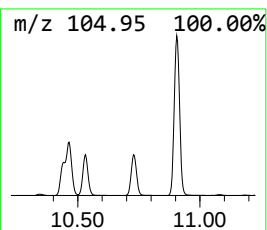
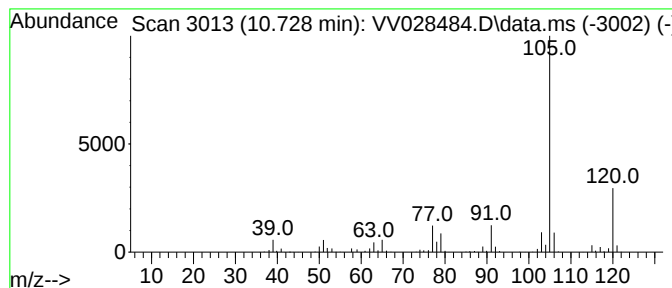
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.728	29.17 ug/L	693473	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10031

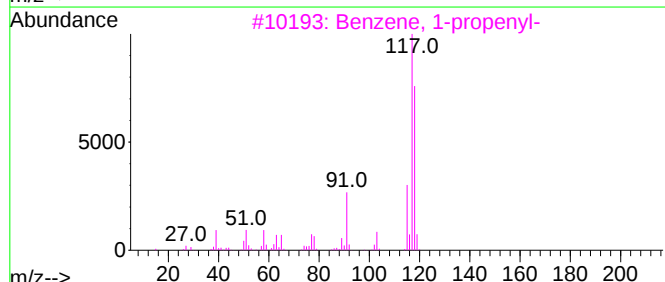
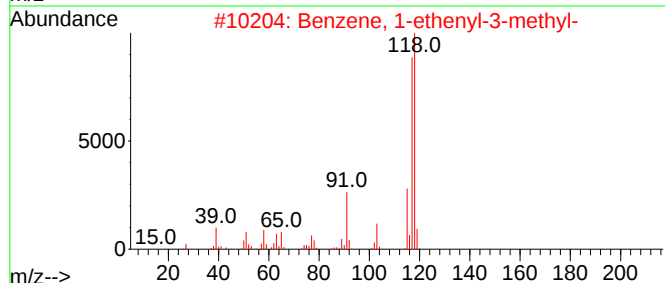
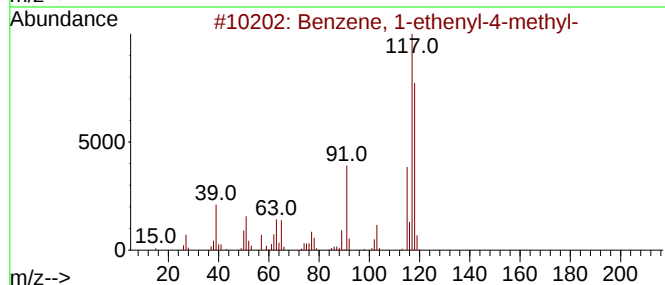
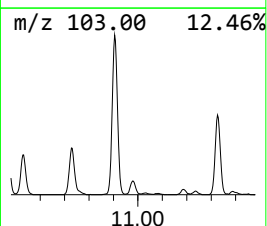
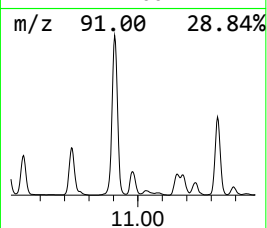
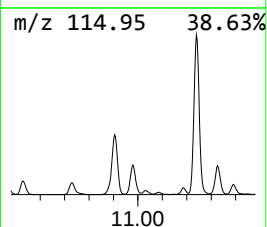
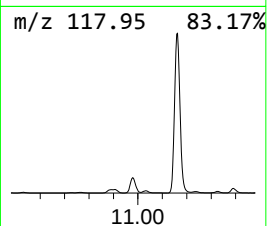
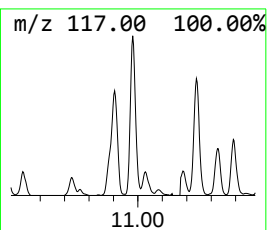
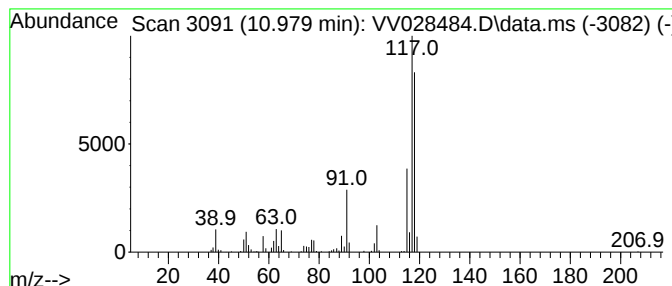
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1-ethenyl-4-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.979	8.91 ug/L	211726	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
2			Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
3			Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
4			Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
5			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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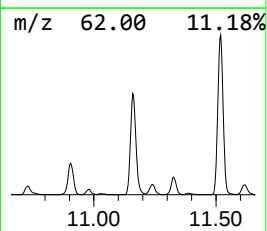
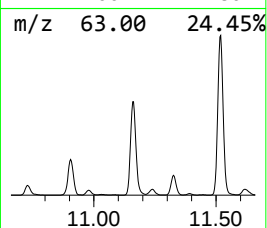
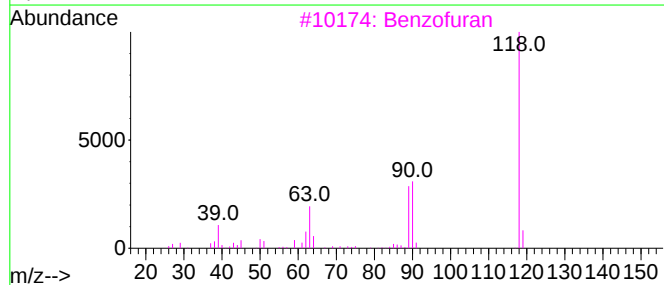
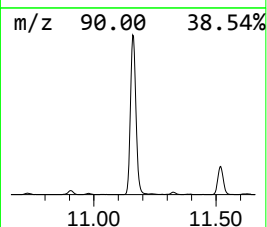
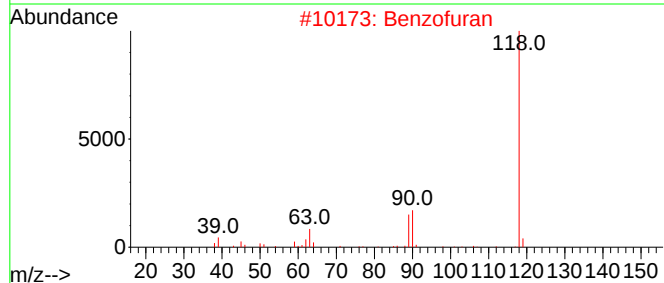
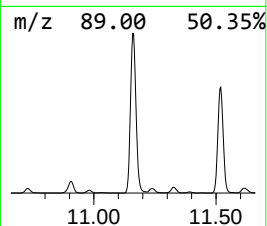
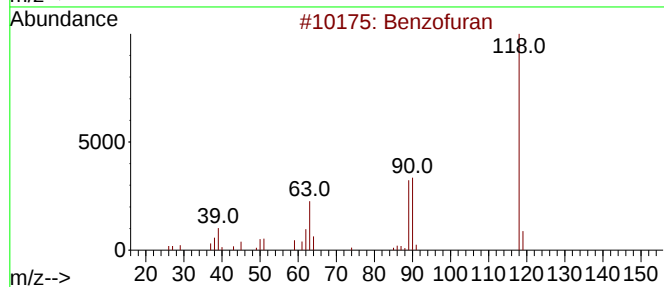
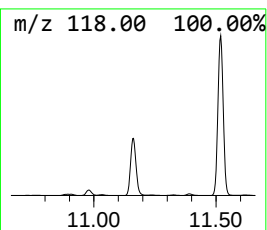
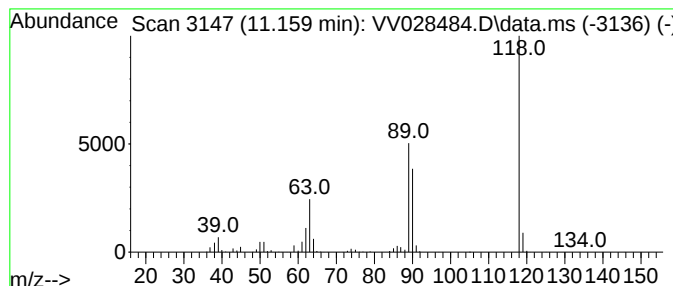
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzofuran Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.159	62.53 ug/L	1486590	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran	118	C8H6O	000271-89-6	93
2			Benzofuran	118	C8H6O	000271-89-6	91
3			Benzofuran	118	C8H6O	000271-89-6	90
4			Benzofuran	118	C8H6O	000271-89-6	87
5			1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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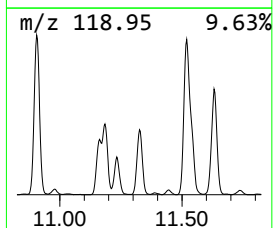
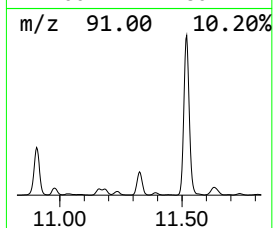
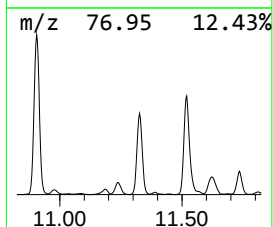
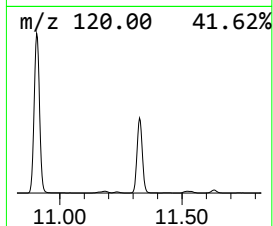
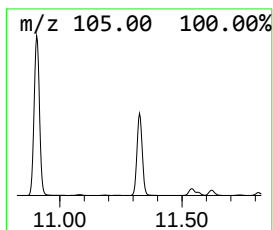
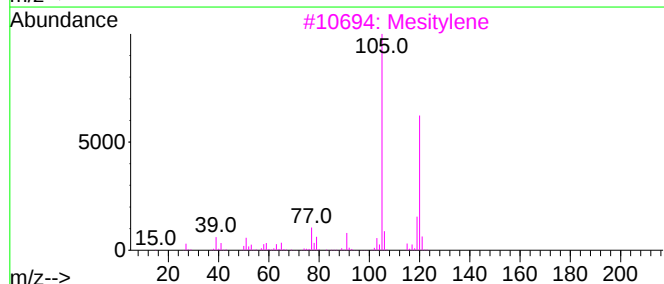
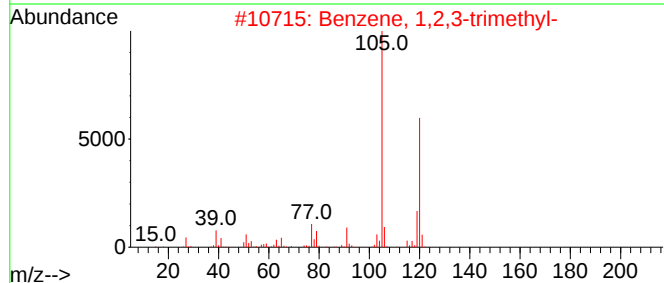
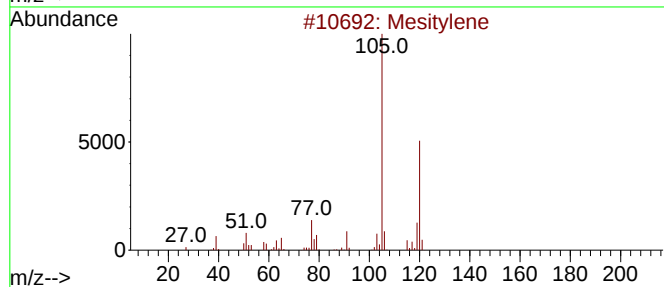
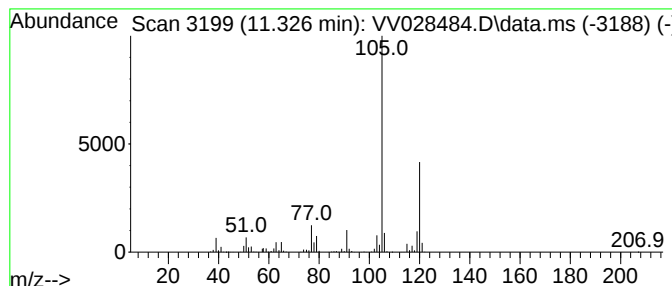
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.326	56.35 ug/L	1339710	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	97
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3			Mesitylene	120	C9H12	000108-67-8	94
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5			Mesitylene	120	C9H12	000108-67-8	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10031

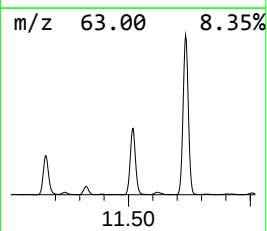
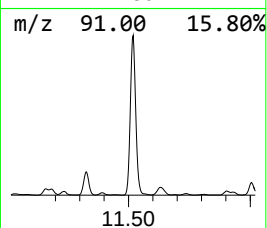
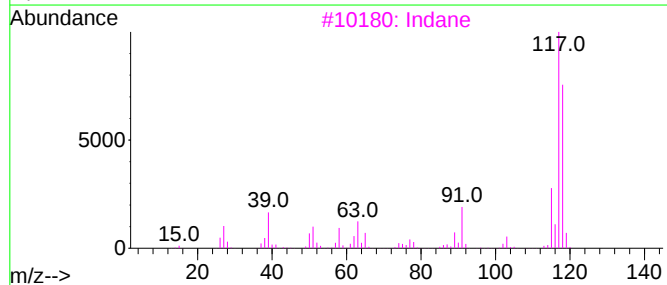
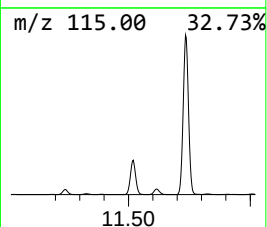
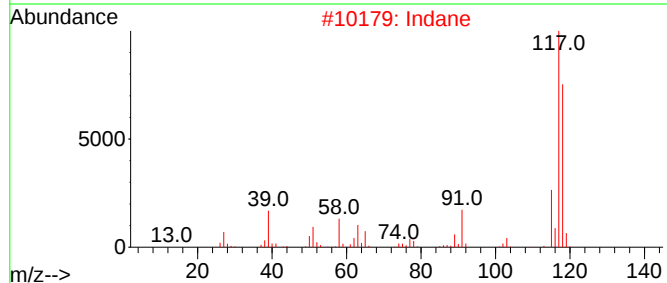
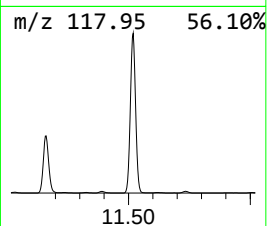
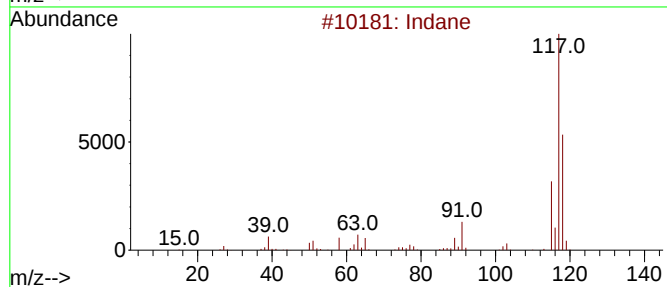
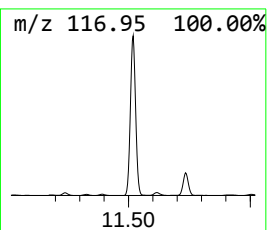
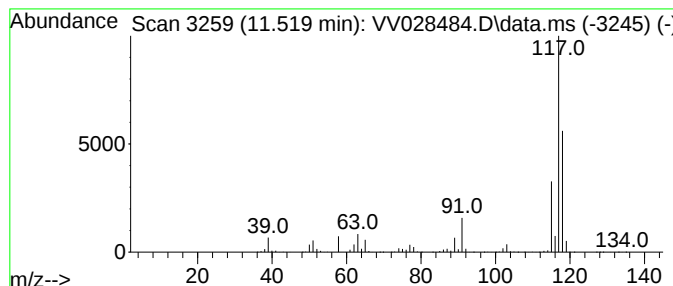
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.519	285.82 ug/L	6794840	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane			118	C9H10	000496-11-7	93
2	Indane			118	C9H10	000496-11-7	91
3	Indane			118	C9H10	000496-11-7	90
4	Indane			118	C9H10	000496-11-7	83
5	Benzene, 1-ethenyl-2-methyl-			118	C9H10	000611-15-4	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10031

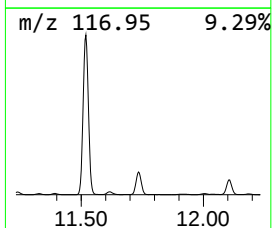
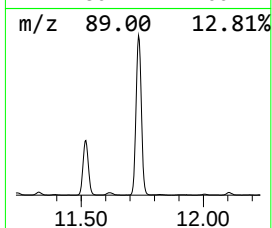
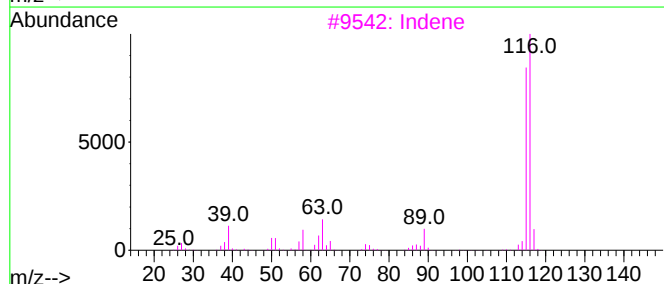
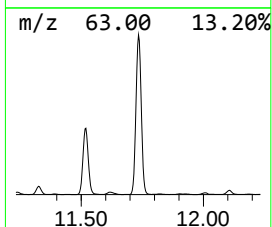
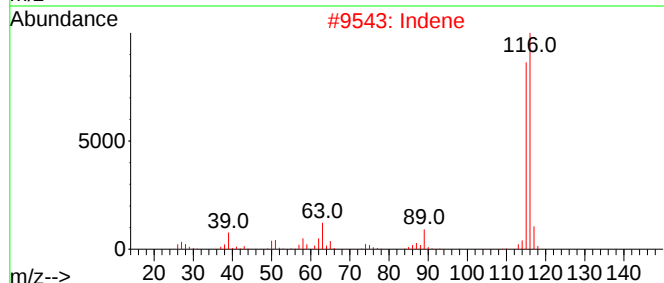
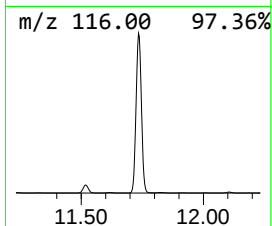
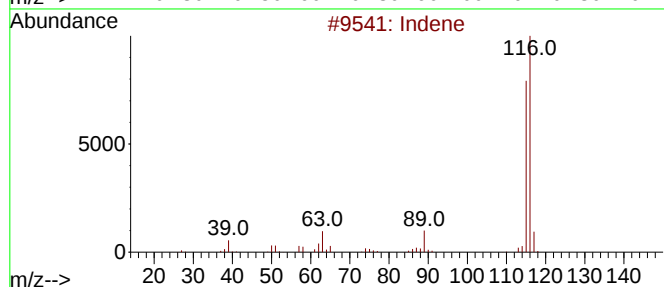
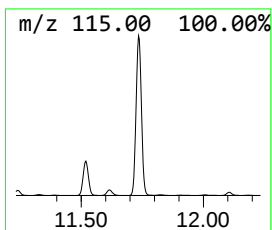
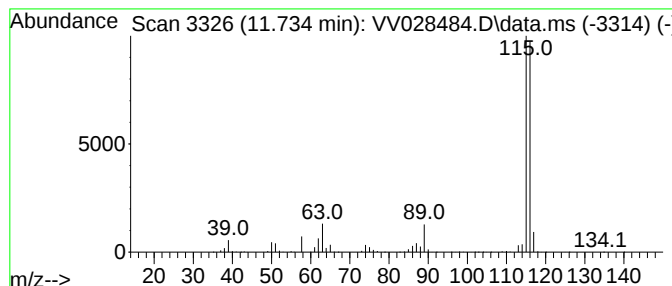
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.734	427.75 ug/L	10168700	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	97
2			Indene	116	C9H8	000095-13-6	97
3			Indene	116	C9H8	000095-13-6	94
4			3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5			Benzene, 1-propynyl-	116	C9H8	000673-32-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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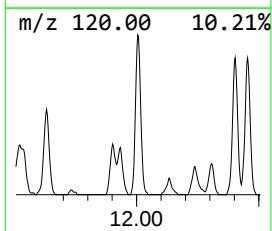
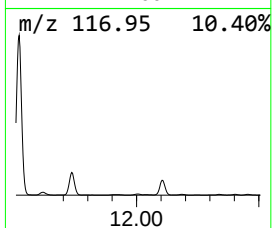
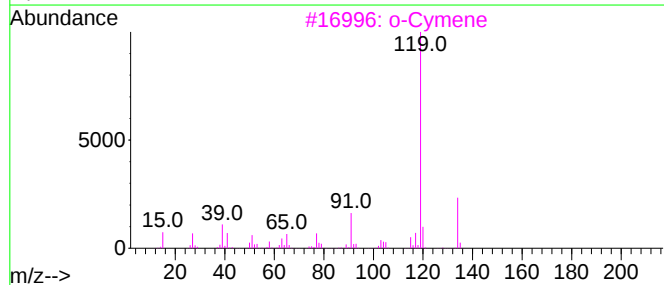
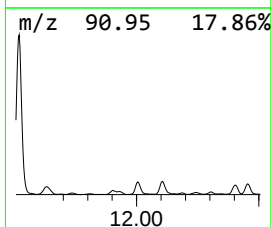
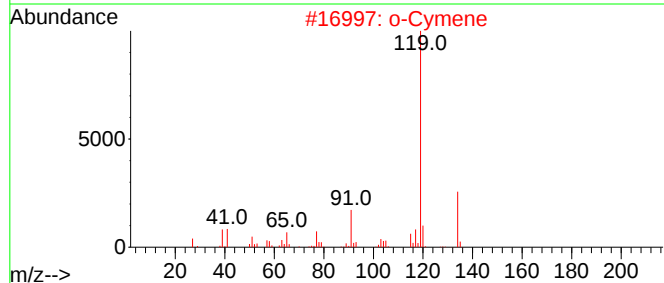
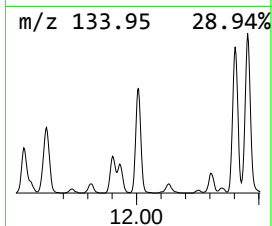
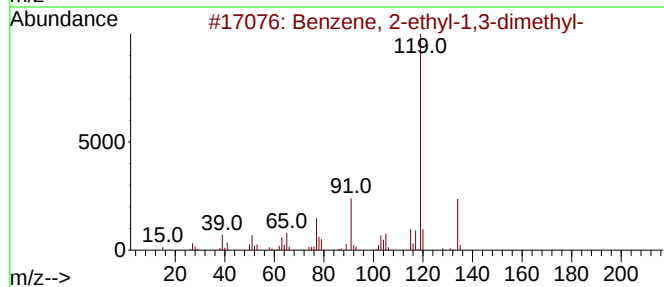
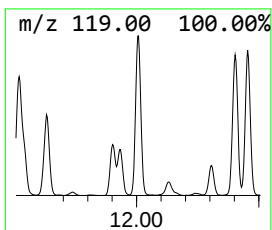
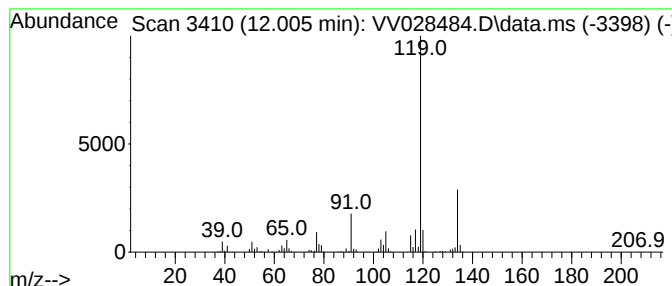
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.005	19.24 ug/L	457322	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2			o-Cymene	134	C10H14	000527-84-4	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10031

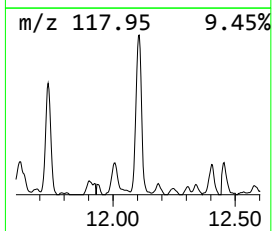
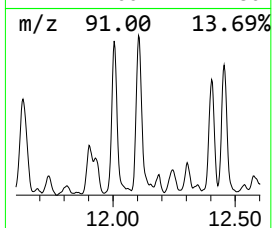
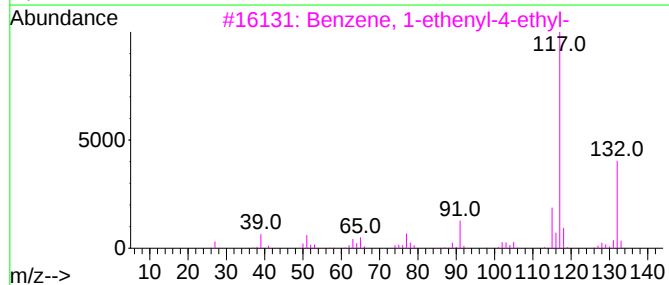
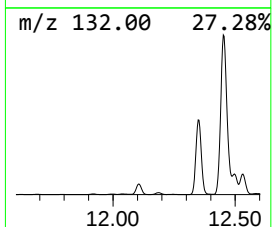
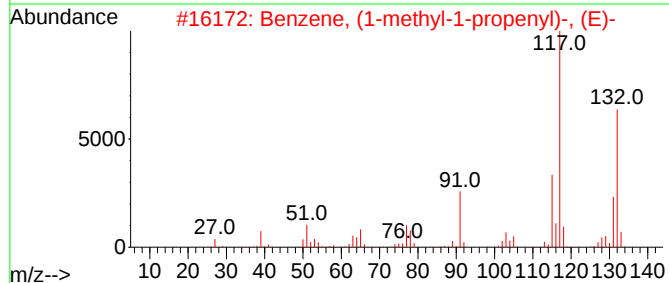
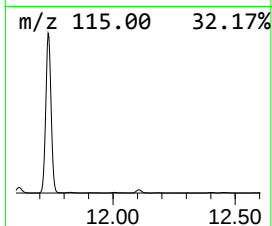
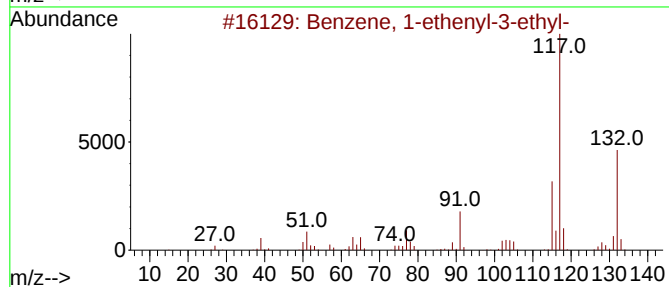
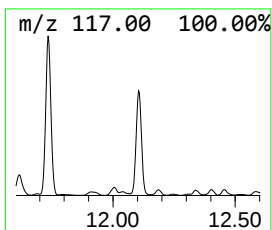
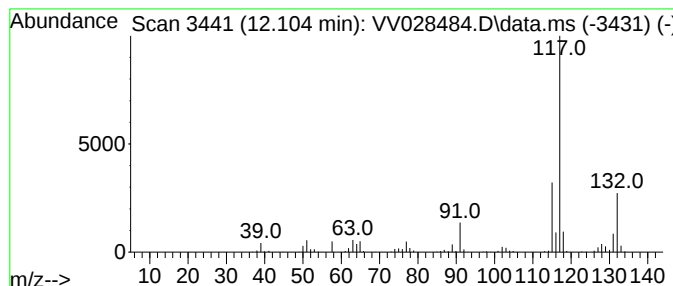
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	25.89 ug/L	615595	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4			1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10031

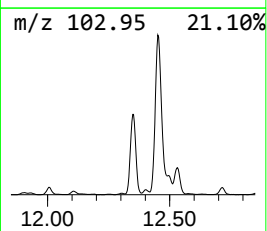
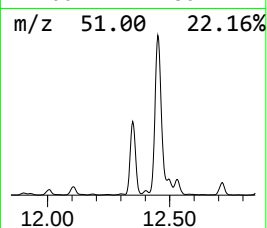
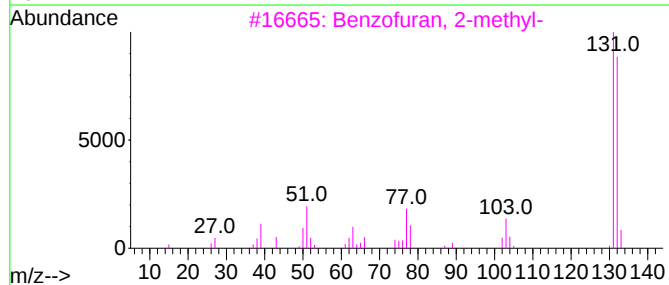
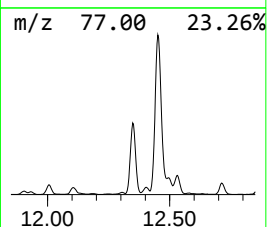
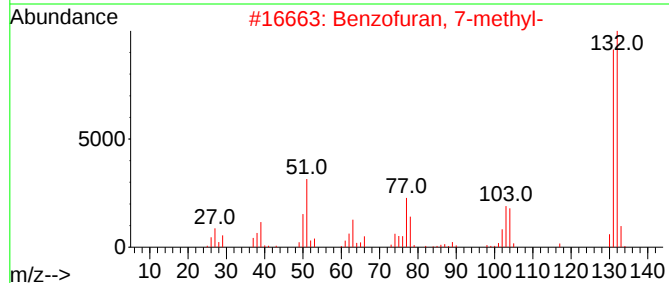
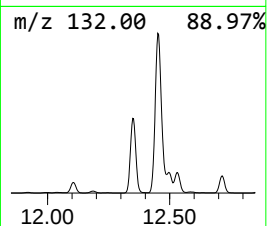
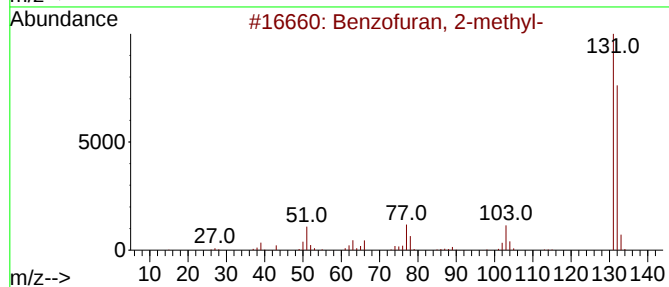
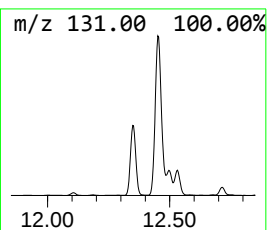
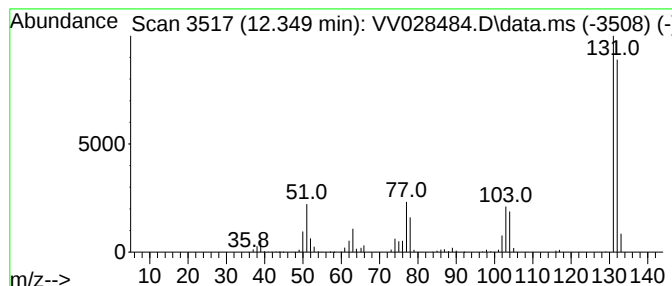
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzofuran, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.349	72.65 ug/L	1727030	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2			Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
3			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
5			2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10031

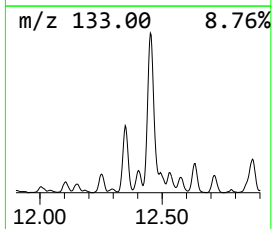
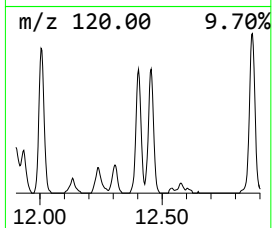
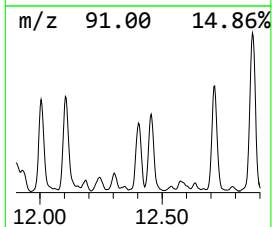
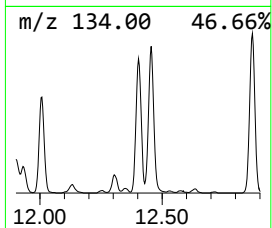
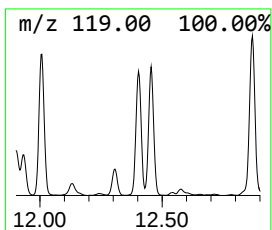
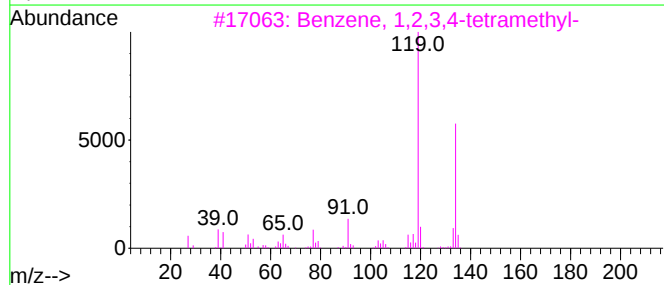
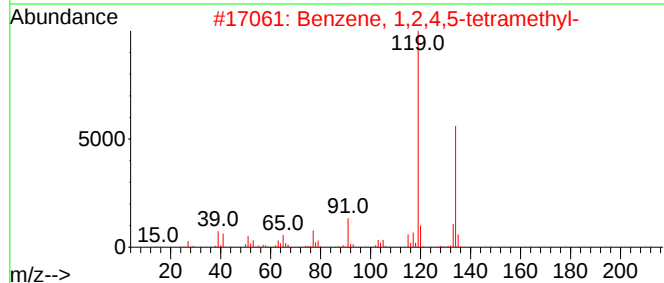
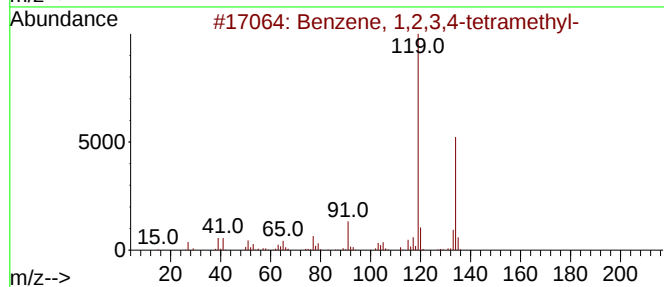
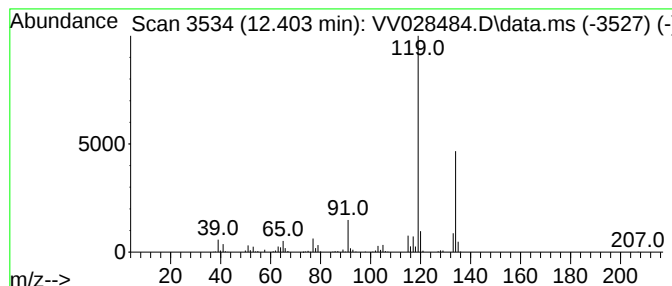
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.403	11.81 ug/L	280683	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5			o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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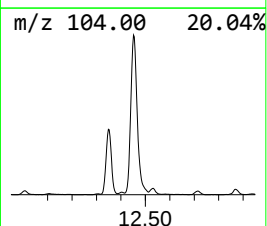
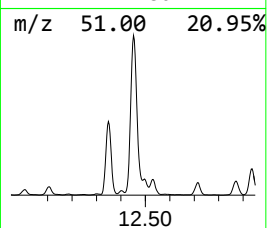
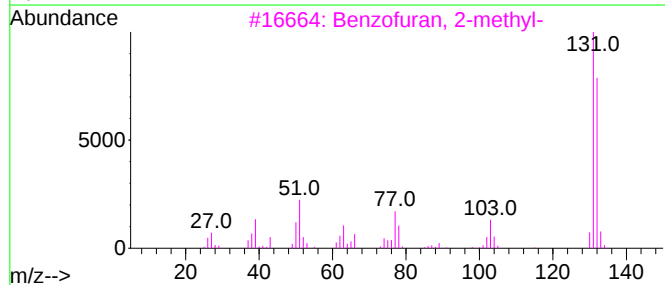
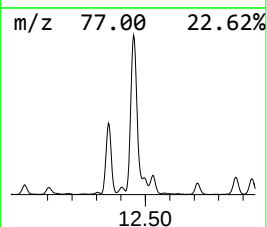
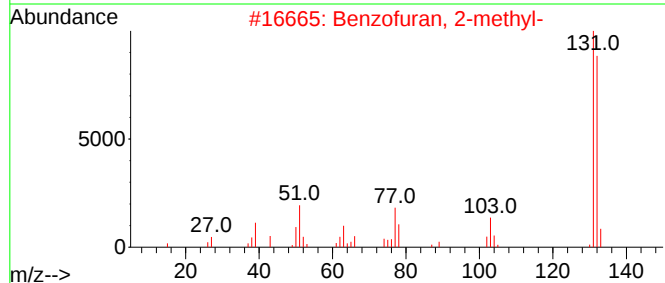
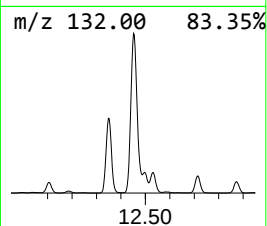
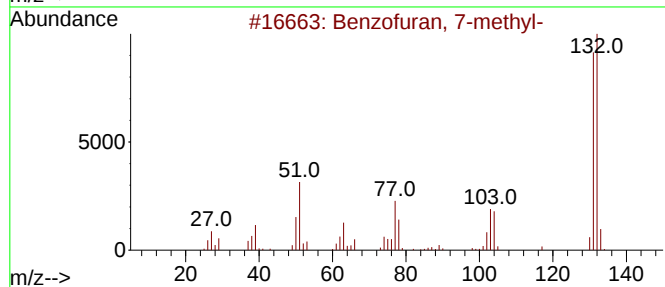
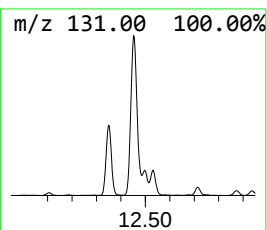
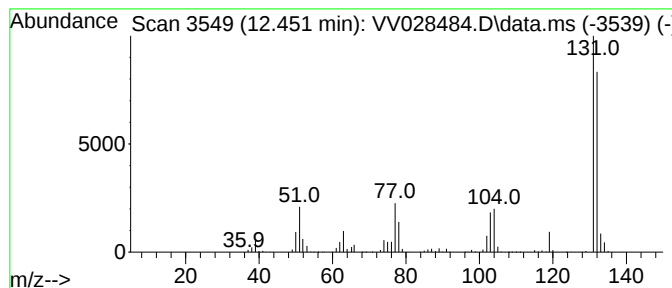
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzofuran, 7-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	195.47 ug/L	4647010	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	96
2			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5			Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10031

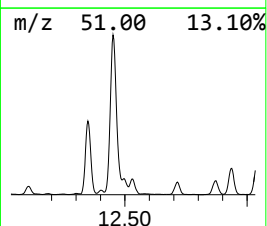
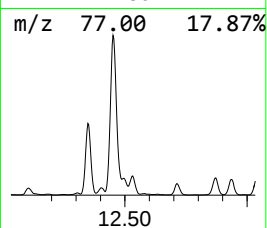
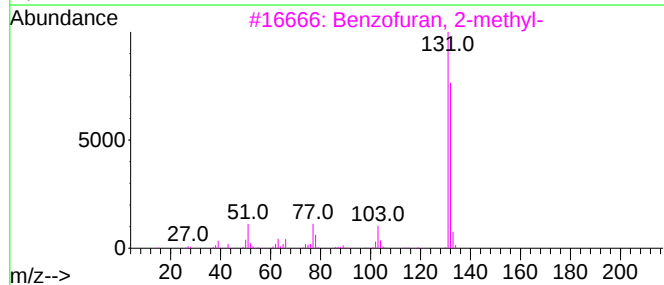
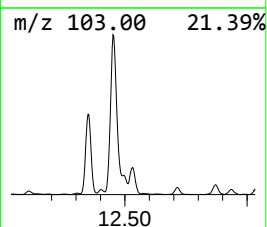
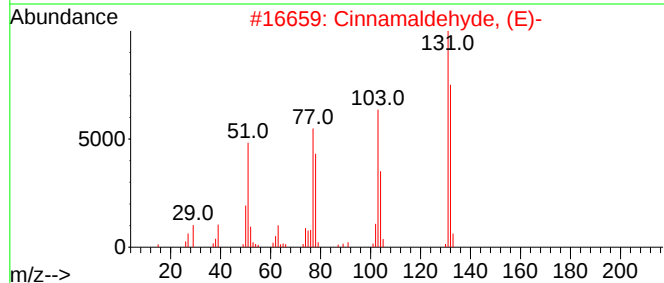
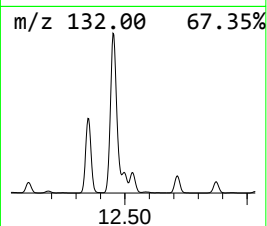
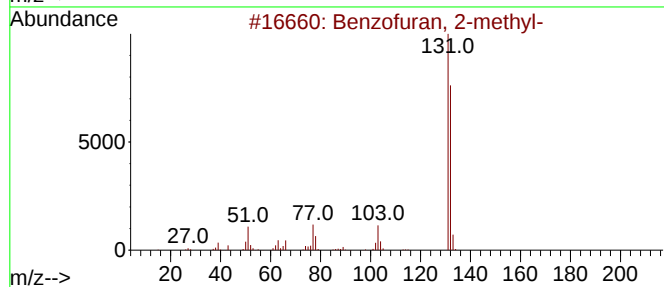
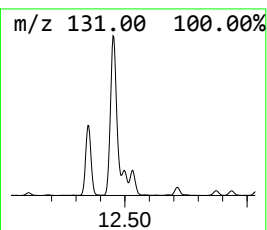
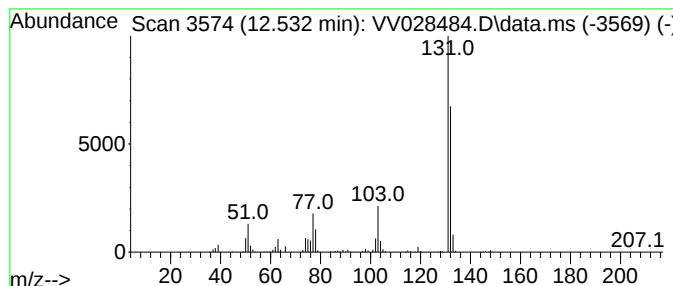
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Cinnamaldehyde, (E)- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.532	18.73 ug/L	445173	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2			Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
3			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10031

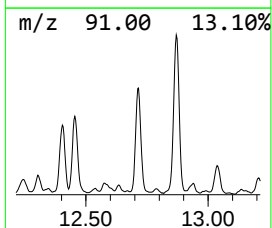
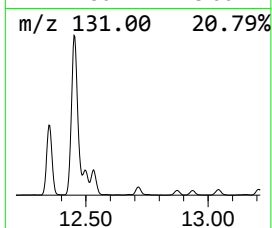
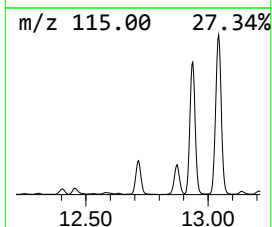
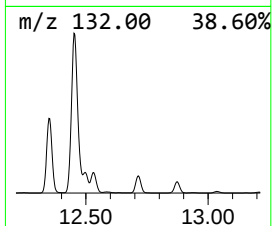
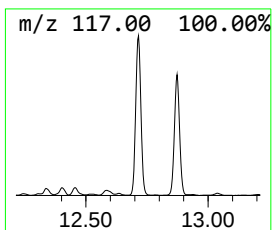
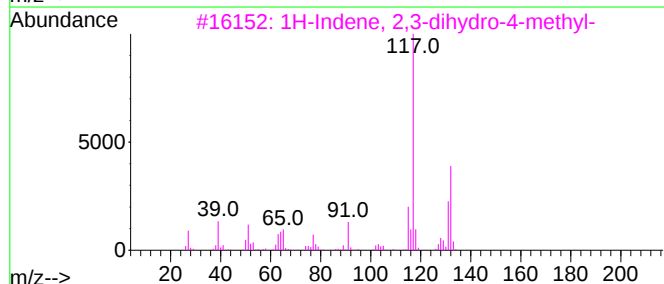
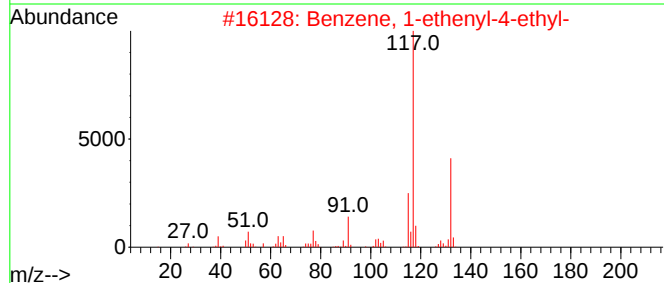
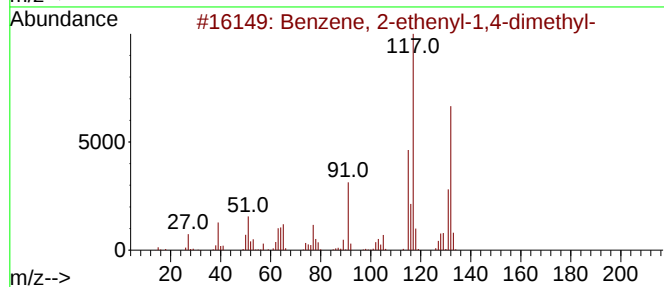
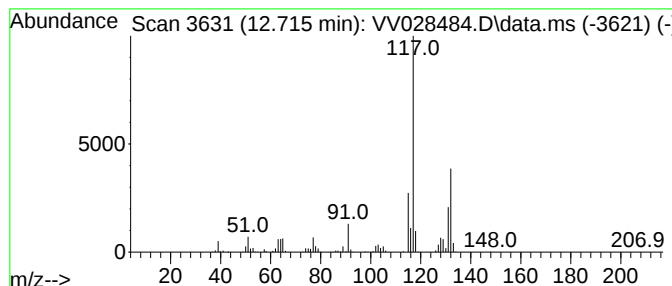
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.715	32.17 ug/L	764785	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10031

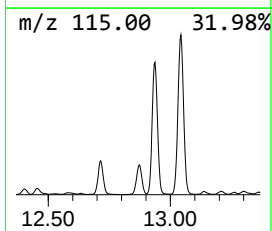
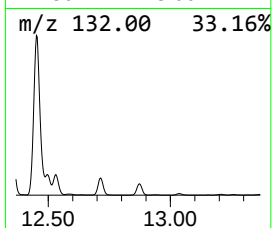
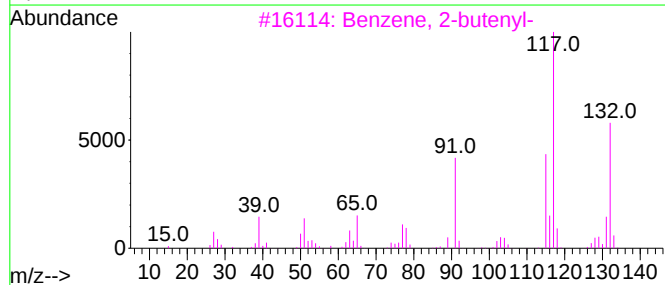
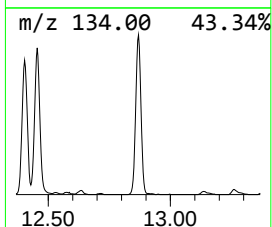
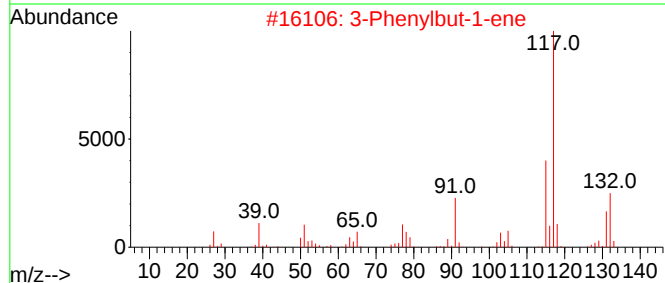
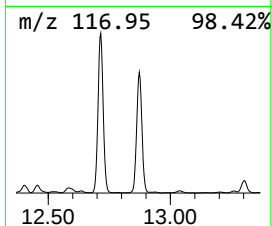
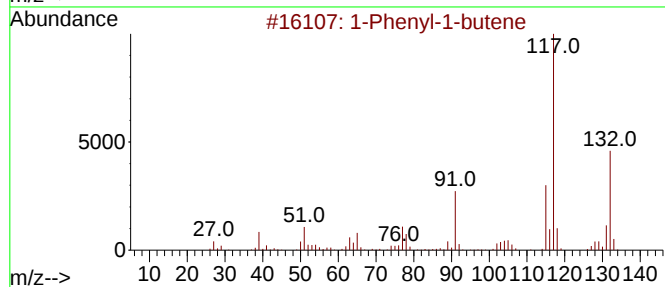
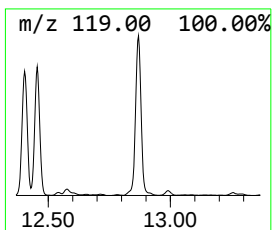
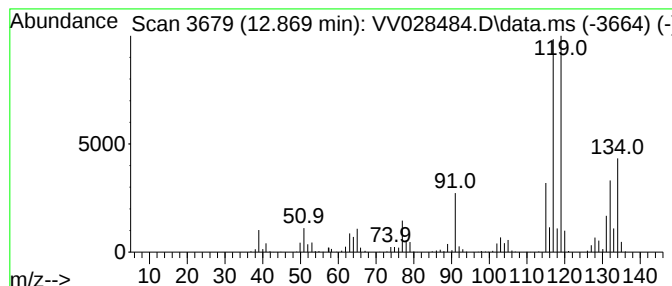
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 1-Phenyl-1-butene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.869	42.86 ug/L	1019010	1,4-Dichlorobenzene-d4	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	50
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10031

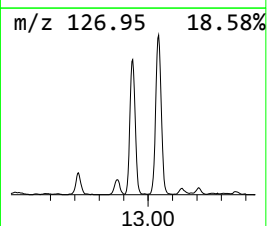
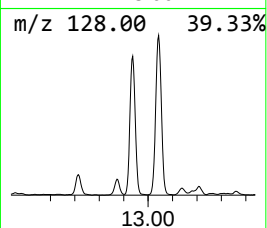
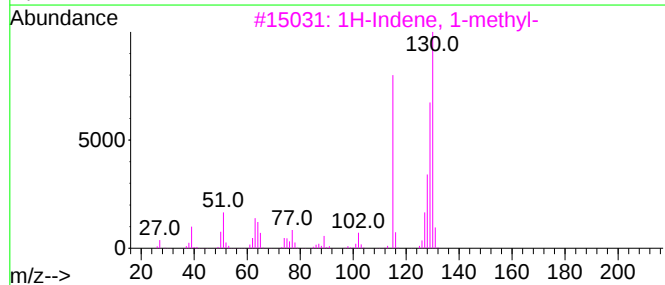
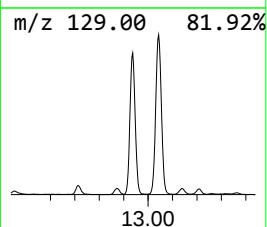
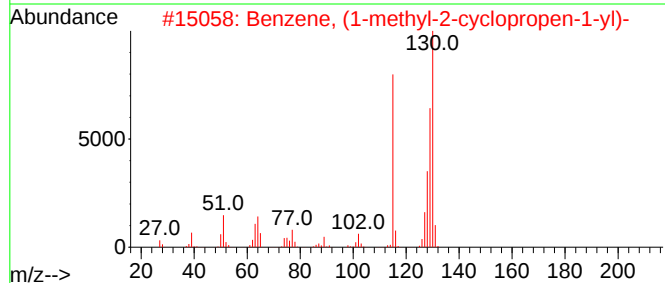
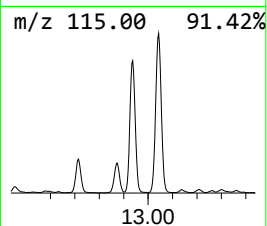
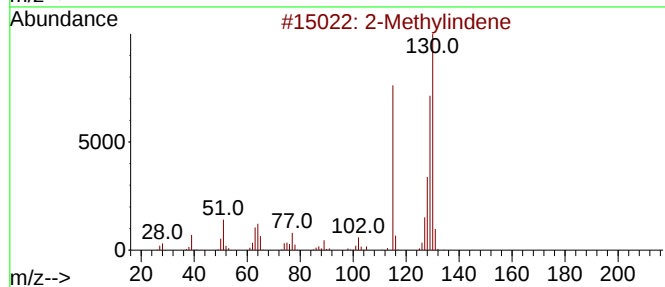
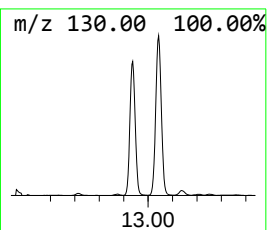
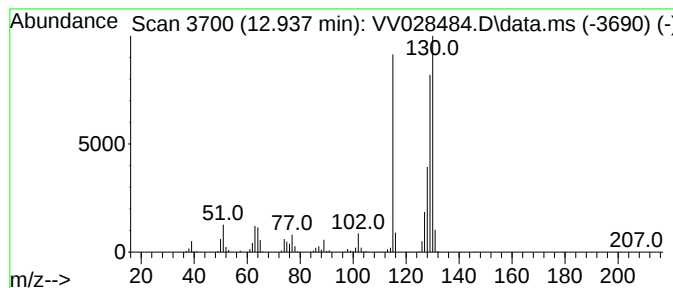
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 2-Methylindene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.937	56.63 ug/L	1346310	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylindene	130	C10H10	002177-47-1	97
2			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
3			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
4			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10031

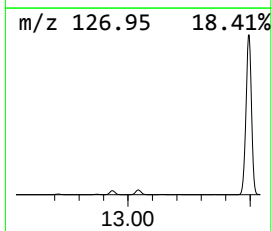
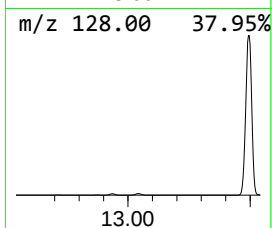
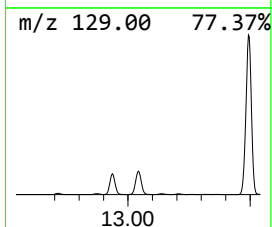
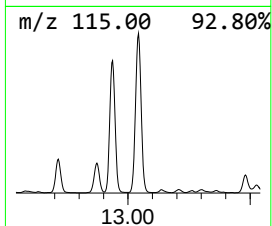
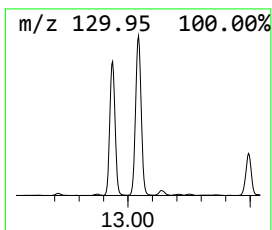
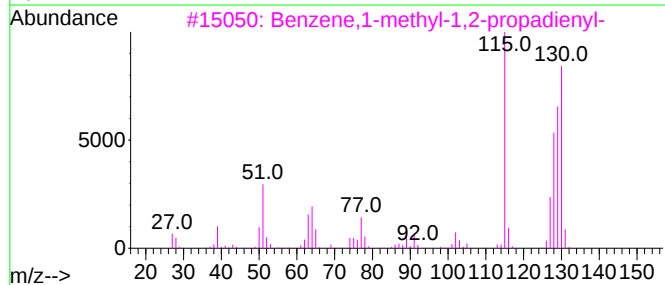
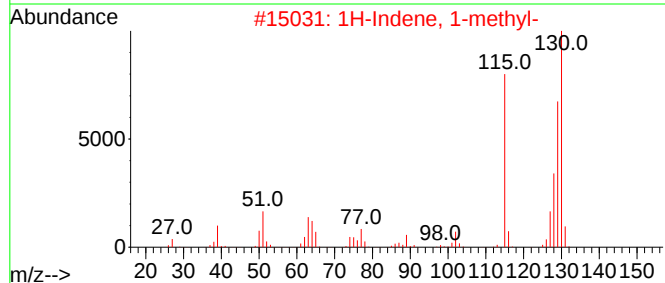
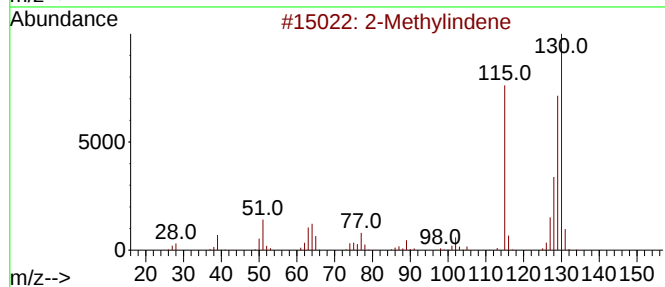
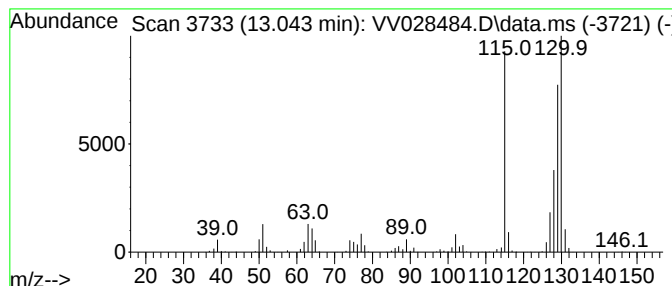
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 1H-Indene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.043	73.64 ug/L	1750670	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylindene	130	C10H10	002177-47-1	97
2			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
4			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
5			1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10031

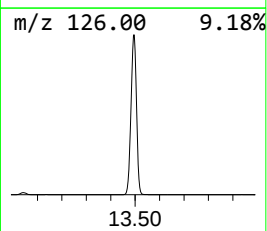
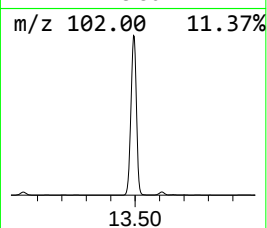
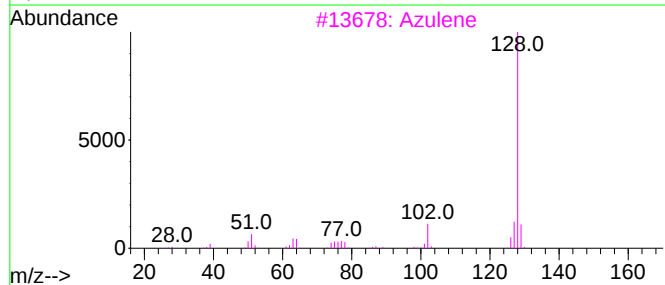
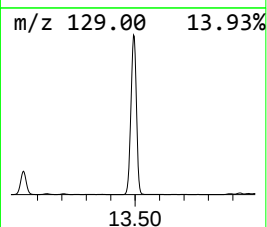
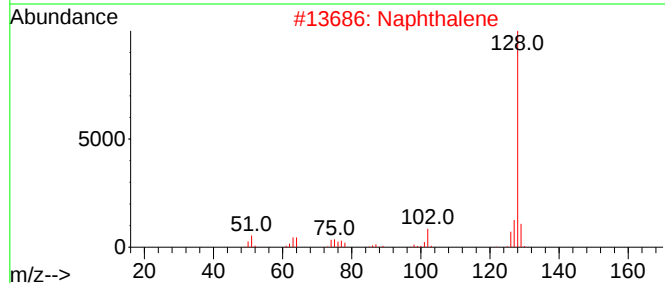
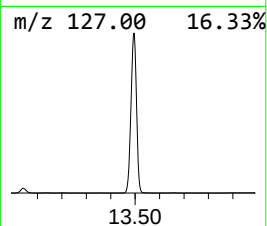
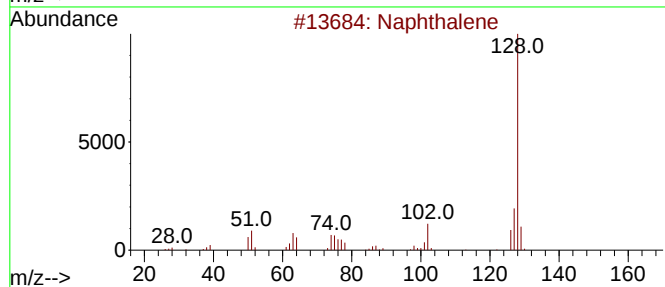
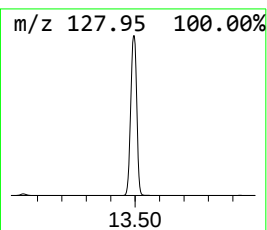
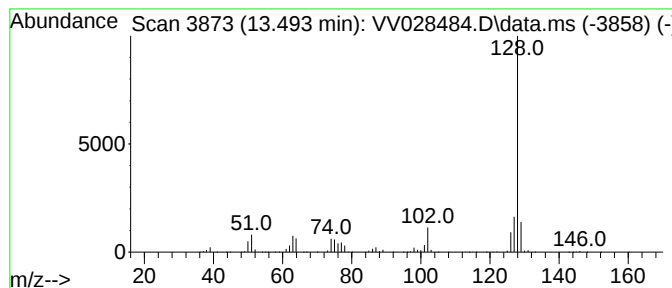
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.493	1359.50 ug/L	32319300	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	97
2			Naphthalene	128	C10H8	000091-20-3	95
3			Azulene	128	C10H8	000275-51-4	91
4			Naphthalene	128	C10H8	000091-20-3	91
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10031

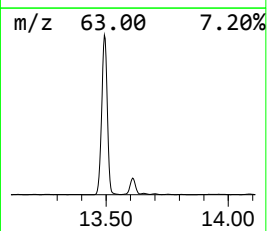
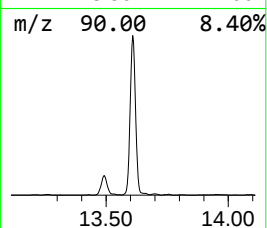
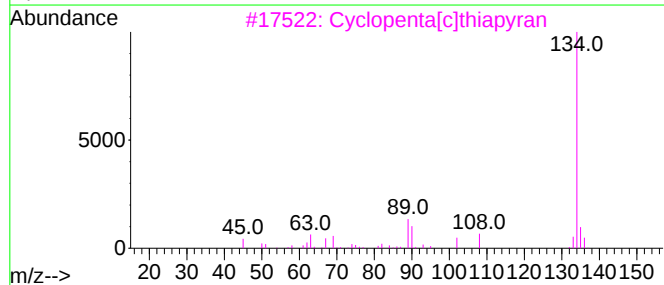
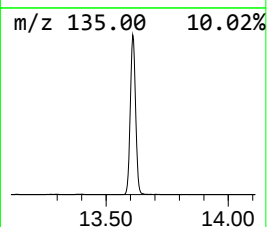
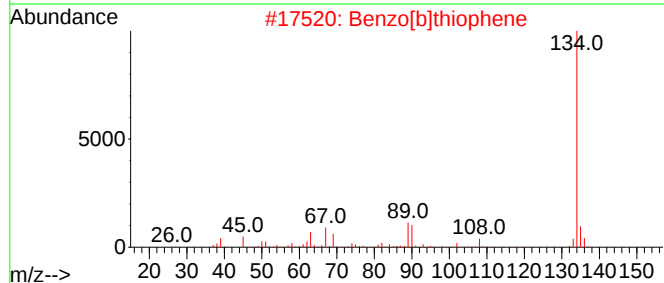
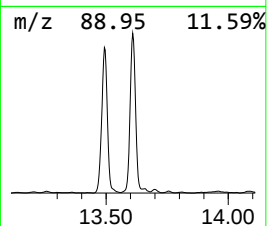
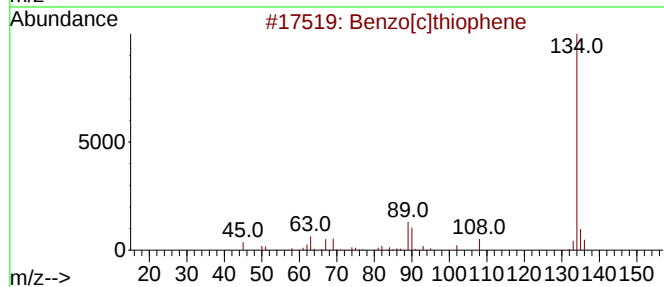
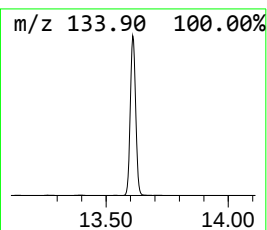
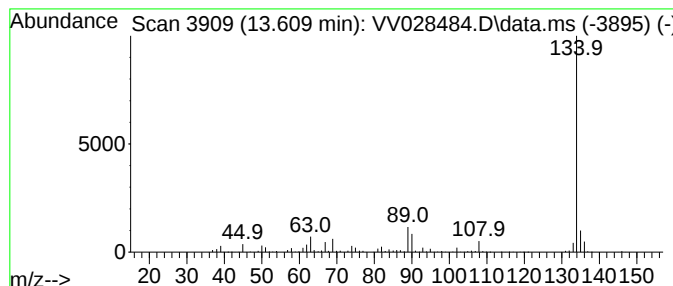
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Benzo[c]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.609	136.99 ug/L	3256720	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2			Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4			Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5			Benzo[b]thiophene	134	C8H6S	000095-15-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10031

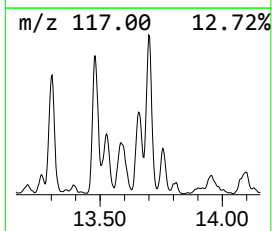
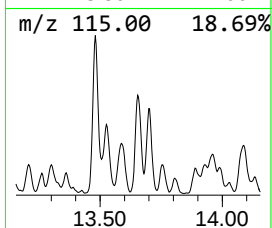
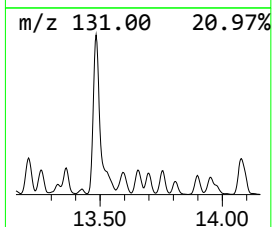
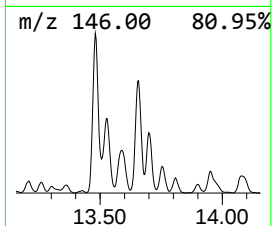
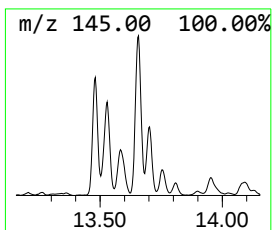
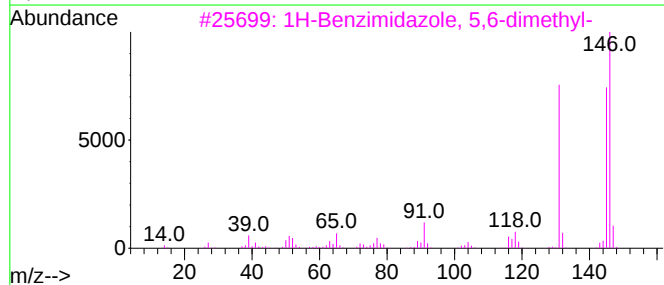
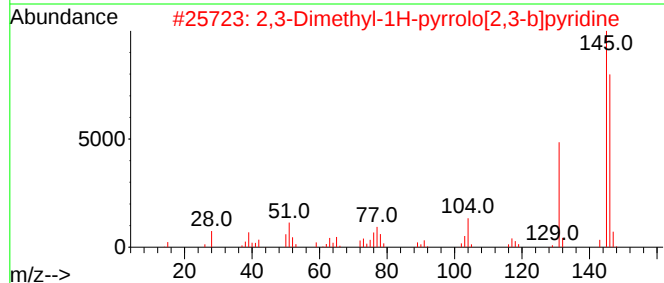
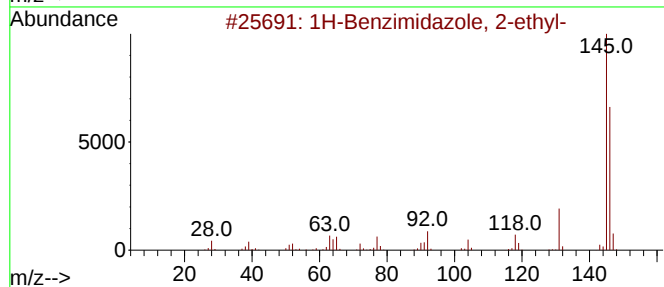
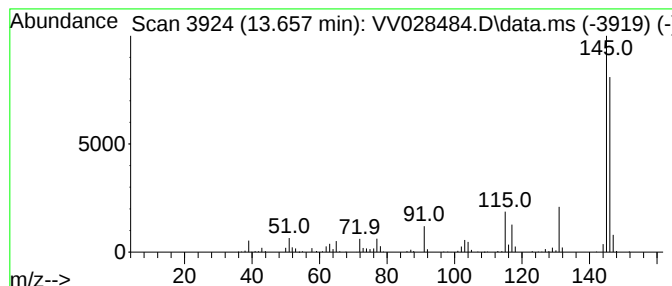
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 1H-Benzimidazole, 2-ethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.657	17.95 ug/L	426777	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	80
2			2,3-Dimethyl-1H-pyrrolo[2,3-b]py...	146	C9H10N2	010299-69-1	72
3			1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	72
4			Imidazo[1,2-a]pyridine-3-carbald...	146	C8H6N2O	006188-43-8	68
5			2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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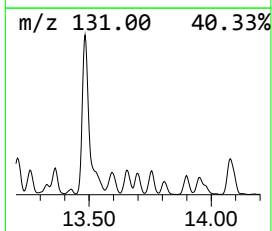
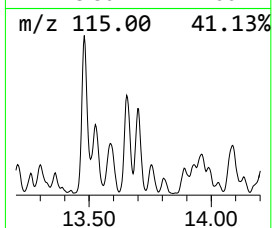
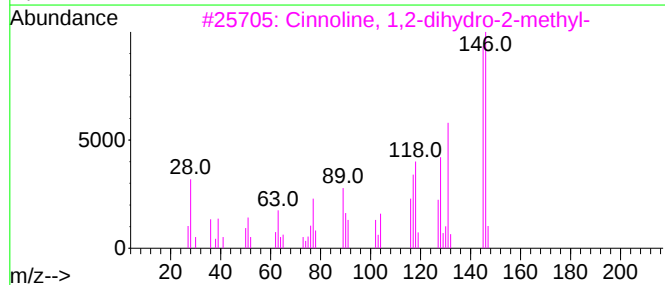
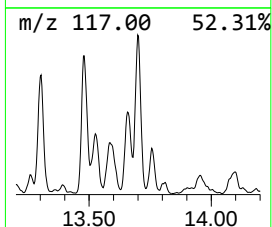
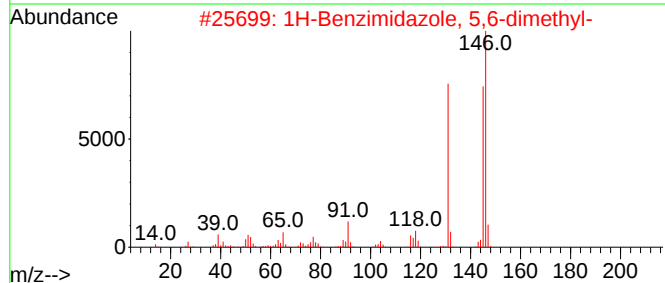
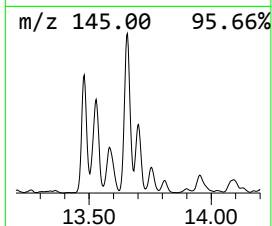
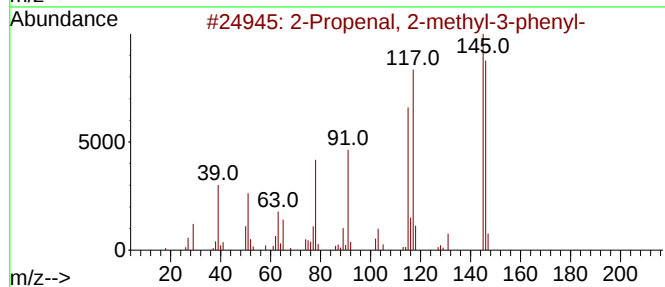
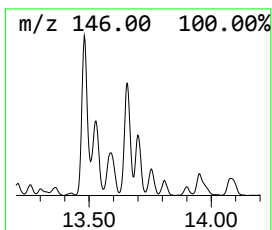
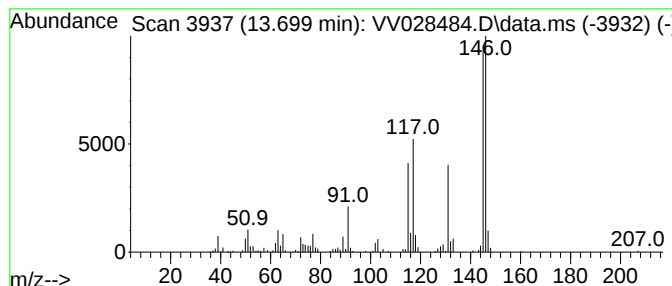
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.699	11.65 ug/L	276905	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	81
2			1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	70
3			Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	62
4			2,3-Dimethyl-1H-pyrrolo[2,3-b]py...	146	C9H10N2	010299-69-1	58
5			2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10031

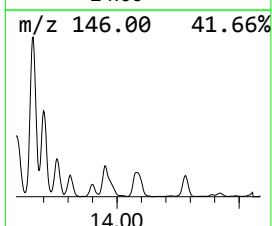
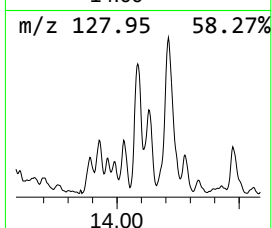
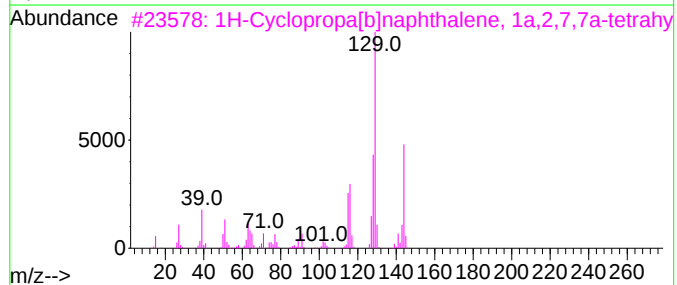
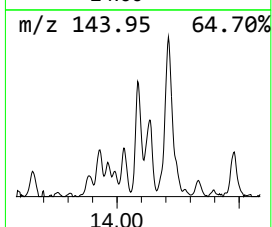
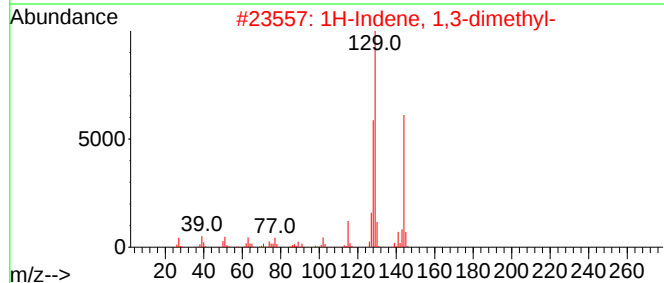
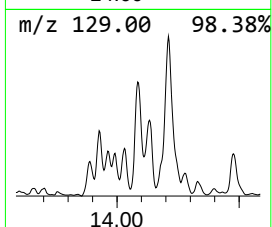
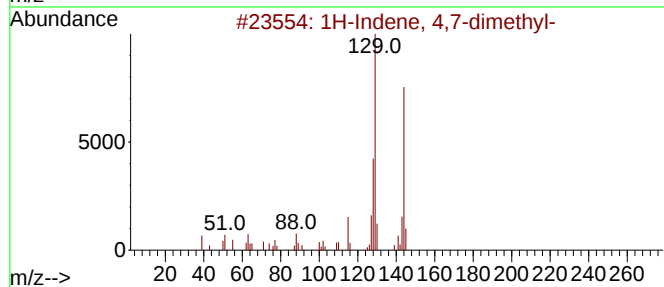
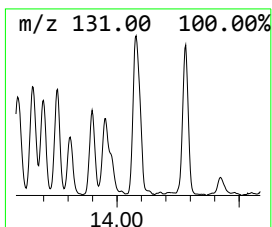
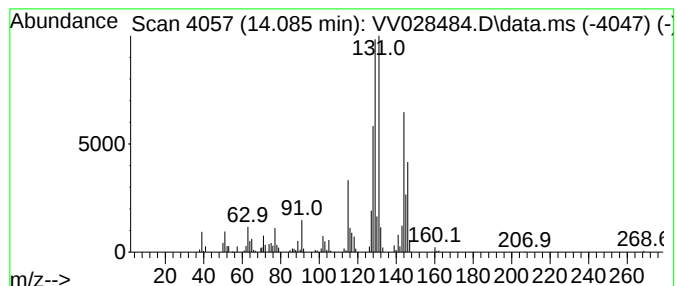
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 1H-Indene, 4,7-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.085	11.81 ug/L	280733	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	55
2			1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	55
3			1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	55
4			1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	55
5			(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10031

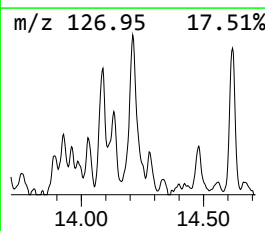
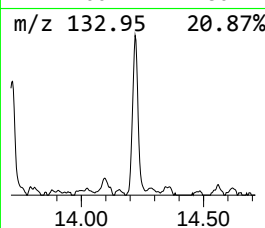
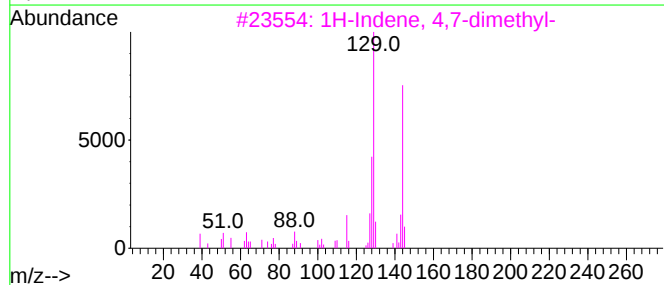
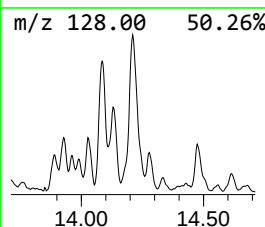
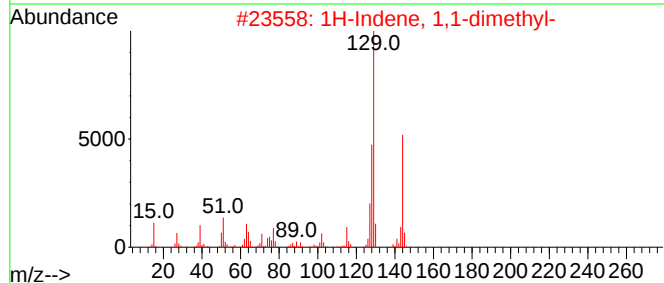
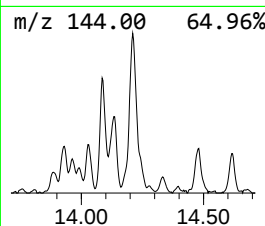
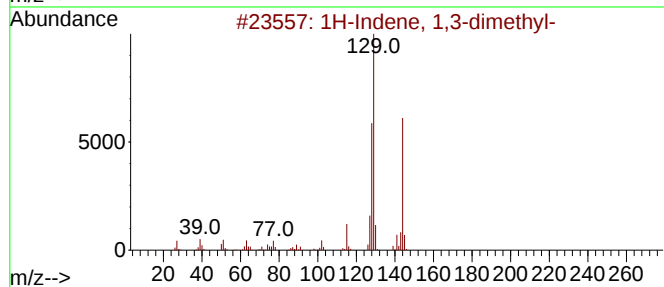
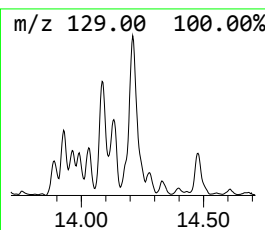
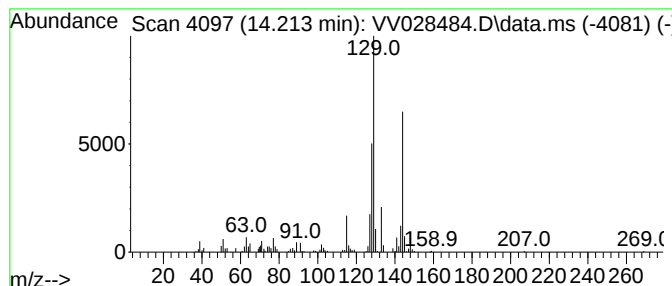
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 1H-Indene, 1,3-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.213	11.21 ug/L	266504	1,4-Dichlorobenzene-d4	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	94
2		1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	93
3		1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	90
4		Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	83
5		1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10031

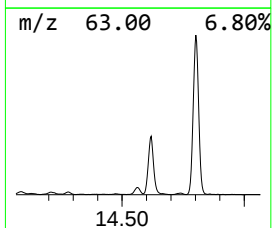
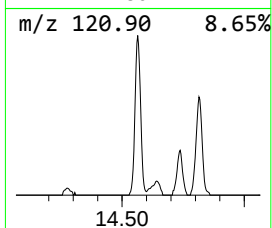
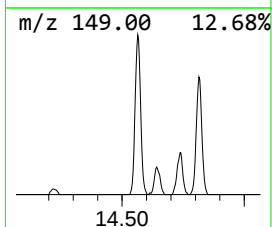
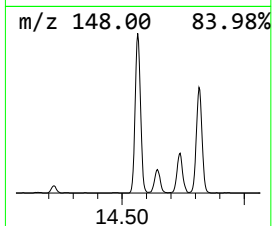
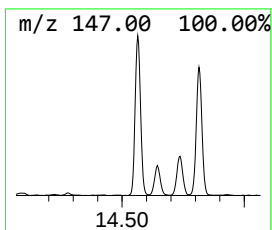
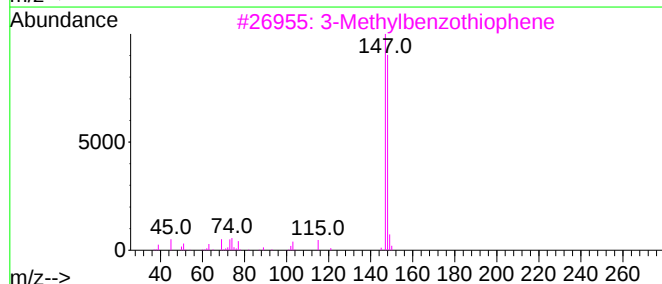
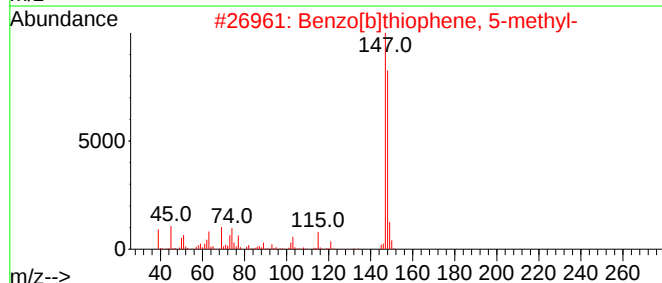
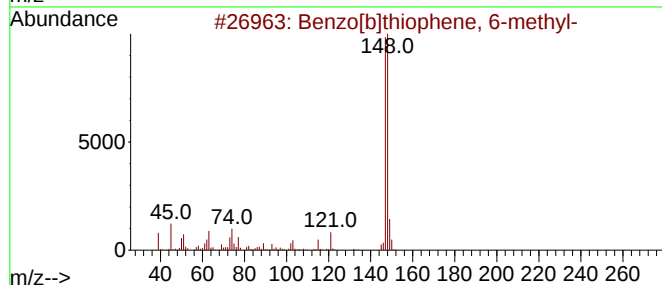
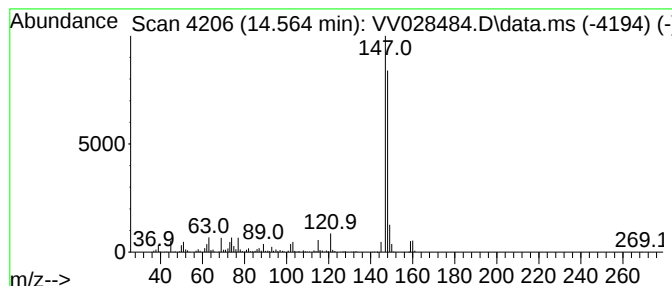
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 Benzo[b]thiophene, 6-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.564	20.27 ug/L	481969	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	93
2			Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	90
3			3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
4			Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	87
5			Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10031

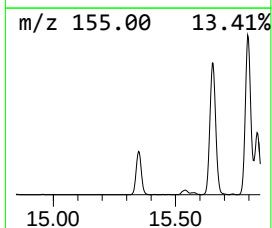
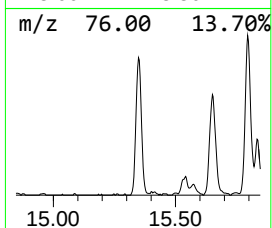
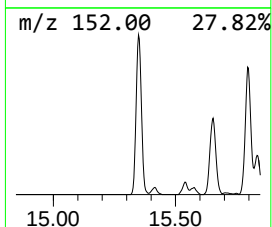
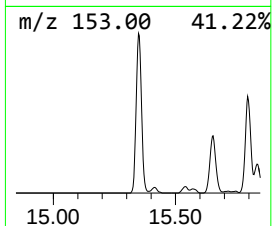
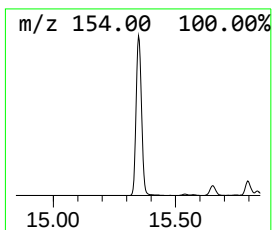
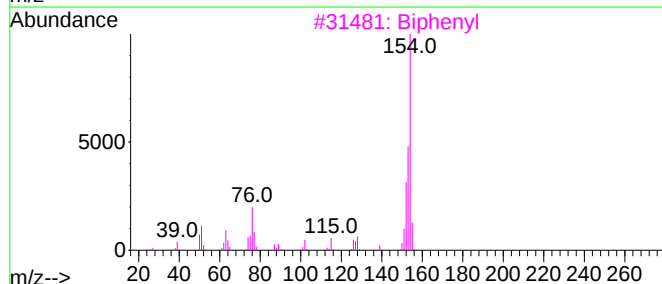
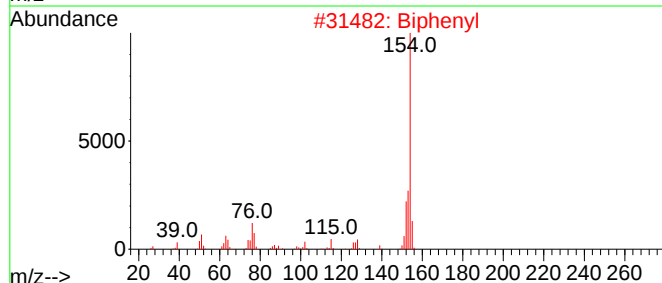
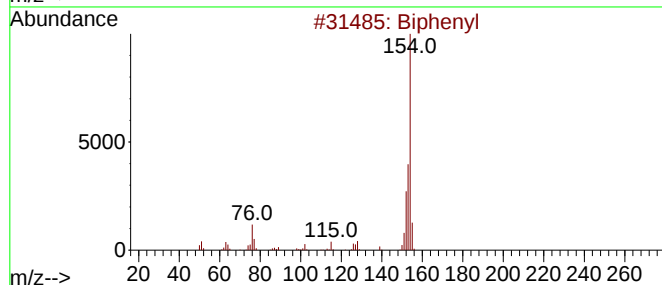
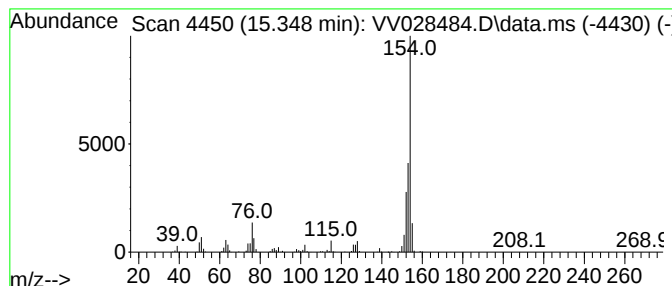
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 Naphthalene, 2-ethenyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.348	20.61 ug/L	490054	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenyl	154	C12H10	000092-52-4	95
2			Biphenyl	154	C12H10	000092-52-4	94
3			Biphenyl	154	C12H10	000092-52-4	93
4			Biphenyl	154	C12H10	000092-52-4	93
5			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10031

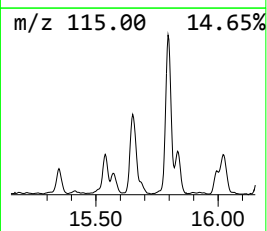
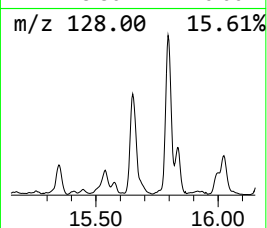
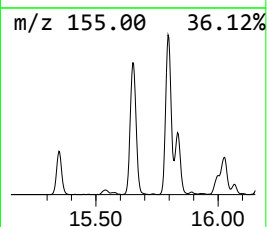
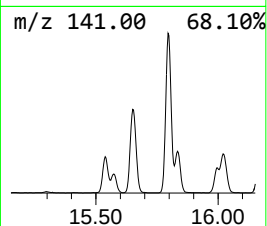
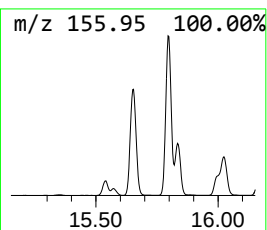
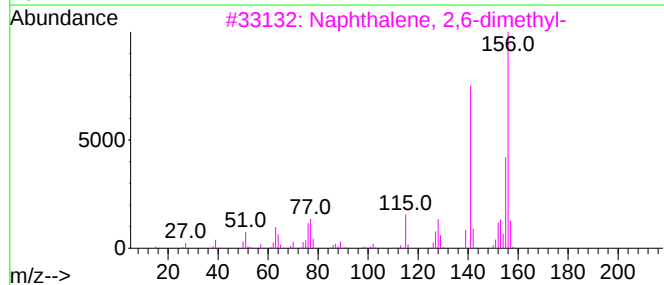
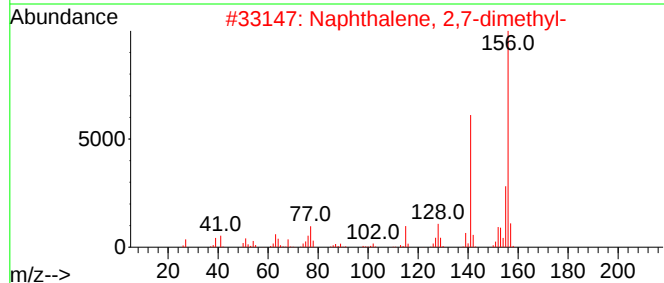
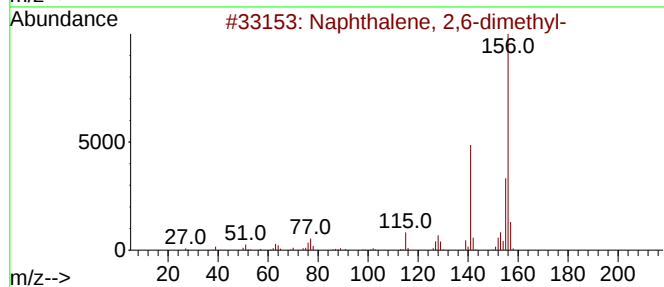
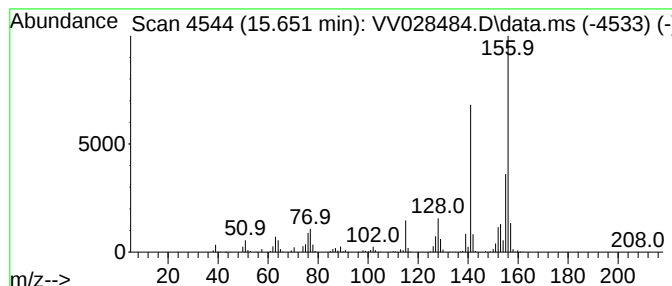
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	39.18 ug/L	931352	1,4-Dichlorobenzene-d4	11.239

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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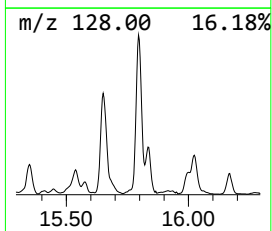
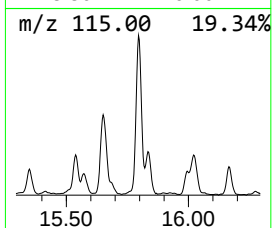
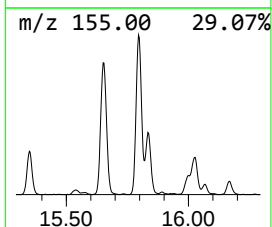
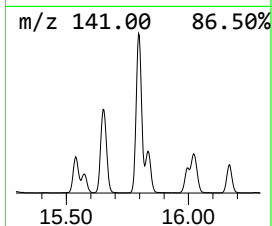
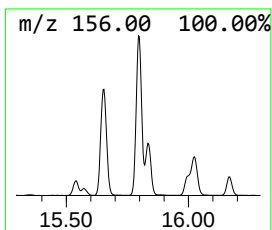
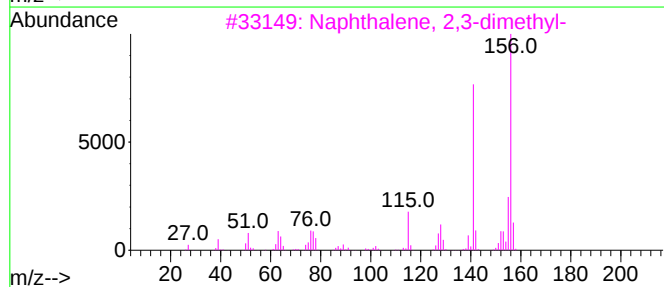
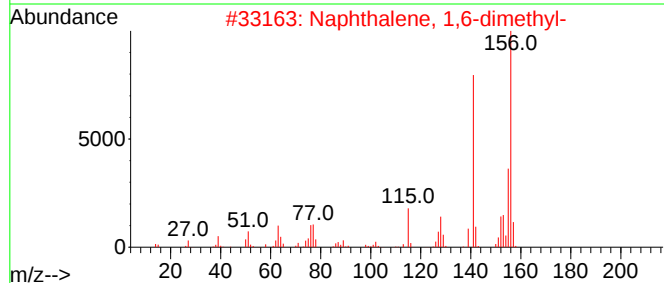
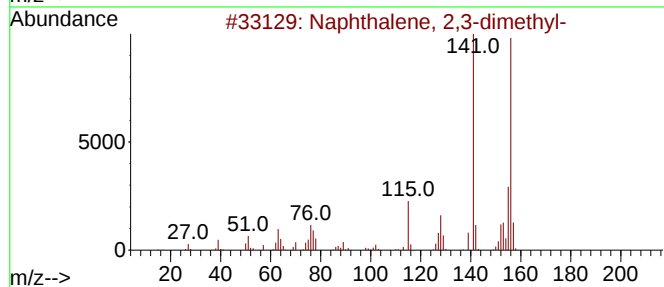
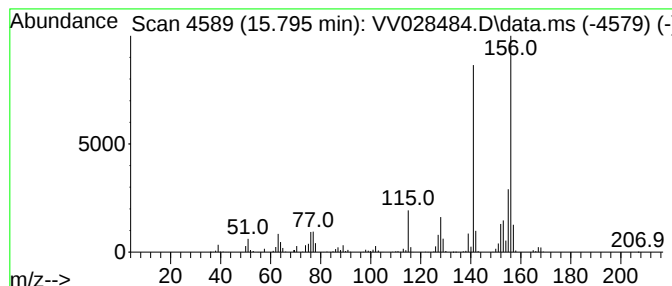
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.795	50.89 ug/L	1209760	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028484.D
Acq On : 09 Oct 2022 14:18
Operator : SY/MD
Sample : N4923-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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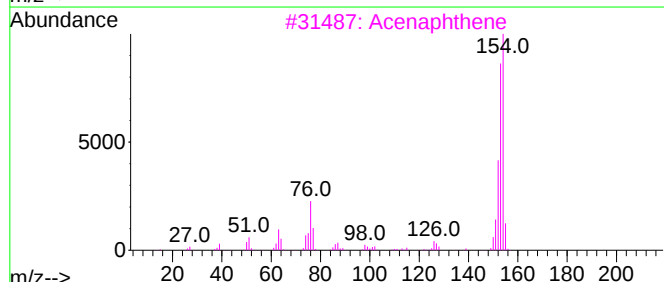
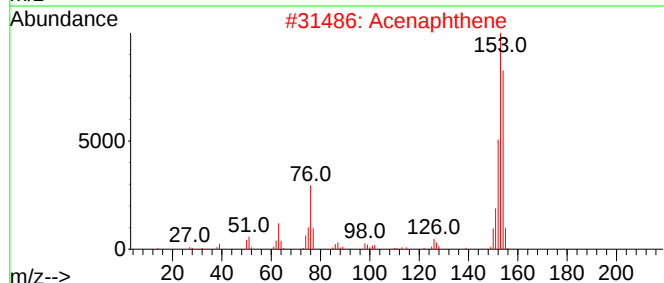
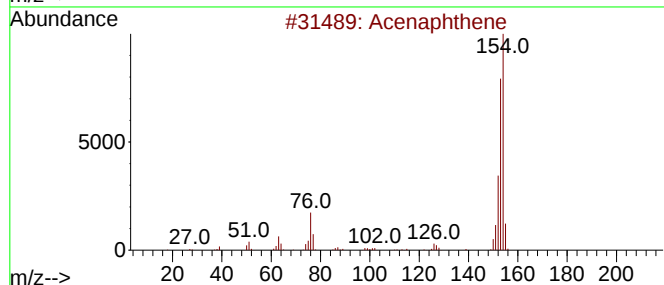
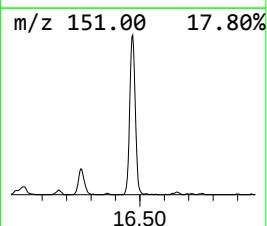
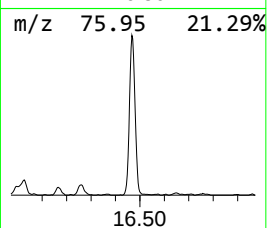
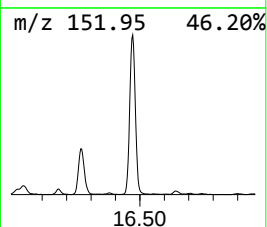
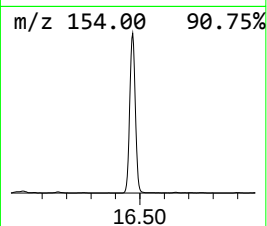
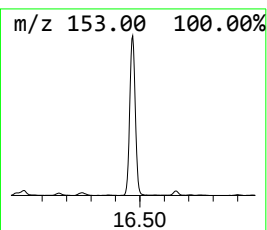
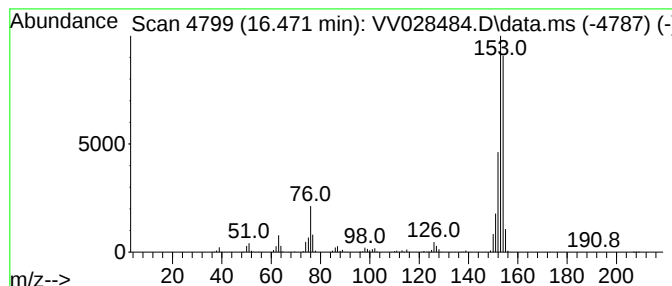
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.471	51.11 ug/L	1215020	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	93
2			Acenaphthene	154	C12H10	000083-32-9	89
3			Acenaphthene	154	C12H10	000083-32-9	72
4			Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59
5			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
 Data File : VV028484.D
 Acq On : 09 Oct 2022 14:18
 Operator : SY/MD
 Sample : N4923-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10031

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.442	55.0	ug/L	953512	1	5.612	866139	50.0
Benzene, propyl-	10.345	19.3	ug/L	458937	3	11.239	1188640	50.0
Benzene, 1-ethy...	10.442	18.7	ug/L	445515	3	11.239	1188640	50.0
Benzene, 1-ethy...	10.728	29.2	ug/L	693473	3	11.239	1188640	50.0
Benzene, 1-ethe...	10.979	8.9	ug/L	211726	3	11.239	1188640	50.0
Benzofuran	11.159	62.5	ug/L	1486590	3	11.239	1188640	50.0
Benzene, 1,2,3-...	11.326	56.4	ug/L	1339710	3	11.239	1188640	50.0
Indane	11.519	285.8	ug/L	6794840	3	11.239	1188640	50.0
Indene	11.734	427.8	ug/L	10168700	3	11.239	1188640	50.0
Benzene, 2-ethy...	12.005	19.2	ug/L	457322	3	11.239	1188640	50.0
Benzene, 1-ethe...	12.104	25.9	ug/L	615595	3	11.239	1188640	50.0
Benzofuran, 2-m...	12.349	72.7	ug/L	1727030	3	11.239	1188640	50.0
Benzene, 1,2,3,...	12.403	11.8	ug/L	280683	3	11.239	1188640	50.0
Benzofuran, 7-m...	12.451	195.5	ug/L	4647010	3	11.239	1188640	50.0
Cinnamaldehyde,...	12.532	18.7	ug/L	445173	3	11.239	1188640	50.0
Benzene, 2-ethe...	12.715	32.2	ug/L	764785	3	11.239	1188640	50.0
1-Phenyl-1-butene	12.869	42.9	ug/L	1019010	3	11.239	1188640	50.0
2-Methylindene	12.937	56.6	ug/L	1346310	3	11.239	1188640	50.0
1H-Indene, 1-me...	13.043	73.6	ug/L	1750670	3	11.239	1188640	50.0
Azulene	13.493	1359.5	ug/L	32319300	3	11.239	1188640	50.0
Benzo[c]thiophene	13.609	137.0	ug/L	3256720	3	11.239	1188640	50.0
1H-Benzimidazol...	13.657	17.9	ug/L	426777	3	11.239	1188640	50.0
2-Propenal, 2-m...	13.699	11.7	ug/L	276905	3	11.239	1188640	50.0
1H-Indene, 4,7-...	14.085	11.8	ug/L	280733	3	11.239	1188640	50.0
1H-Indene, 1,3-...	14.213	11.2	ug/L	266504	3	11.239	1188640	50.0
Benzo[b]thiophe...	14.564	20.3	ug/L	481969	3	11.239	1188640	50.0
Naphthalene, 2-...	15.348	20.6	ug/L	490054	3	11.239	1188640	50.0
Naphthalene, 2,...	15.651	39.2	ug/L	931352	3	11.239	1188640	50.0
Naphthalene, 2,...	15.795	50.9	ug/L	1209760	3	11.239	1188640	50.0
Hexa-2,4-diyn-1...	16.471	51.1	ug/L	1215020	3	11.239	1188640	50.0