

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
 Data File : VV028472.D
 Acq On : 09 Oct 2022 05:52
 Operator : SY/MD
 Sample : N4923-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10036

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: VV028472.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	76	82	97	rVB	153401	162007	0.84%	0.167%
2	1.455	110	129	130	rBV	75107	151173	0.78%	0.155%
3	1.568	158	164	178	rVB	135197	163616	0.84%	0.168%
4	2.105	322	331	352	rVB	265357	398755	2.06%	0.410%
5	3.908	880	892	941	rBV2	59363	311151	1.61%	0.320%
6	4.342	1010	1027	1055	rBV	218083	540740	2.79%	0.556%
7	5.043	1225	1245	1250	rBV2	558554	1252526	6.47%	1.288%
8	5.092	1252	1260	1292	rVB	2171574	4675750	24.14%	4.807%
9	5.365	1335	1345	1363	rVV	25571	56342	0.29%	0.058%
10	5.612	1410	1422	1454	rBV	423318	864408	4.46%	0.889%
11	6.066	1550	1563	1600	rVV	309325	642626	3.32%	0.661%
12	6.982	1836	1848	1872	rBV	182550	341094	1.76%	0.351%
13	7.310	1937	1950	1963	rBV	659408	1129343	5.83%	1.161%
14	7.381	1963	1972	2007	rVV	733796	1274569	6.58%	1.310%
15	7.529	2011	2018	2026	rVB2	6551	11252	0.06%	0.012%
16	7.616	2035	2045	2063	rBV	124944	219163	1.13%	0.225%
17	7.696	2064	2070	2091	rVB2	12608	28359	0.15%	0.029%
18	7.937	2133	2145	2153	rBV2	4916	8958	0.05%	0.009%
19	8.085	2181	2191	2226	rBV	383026	734162	3.79%	0.755%
20	8.747	2392	2397	2401	rBV6	1309	1562	0.01%	0.002%
21	8.847	2412	2428	2449	rBV	617017	1024599	5.29%	1.053%
22	9.005	2465	2477	2498	rBV	2201455	3425100	17.68%	3.522%
23	9.133	2503	2517	2545	rVB	649968	1100779	5.68%	1.132%
24	9.310	2562	2572	2595	rVB3	32329	65169	0.34%	0.067%
25	9.497	2619	2630	2632	rBV3	25278	33512	0.17%	0.034%
26	9.535	2632	2642	2669	rVB	1104747	1761584	9.09%	1.811%
27	9.773	2706	2716	2729	rVV2	14728	25646	0.13%	0.026%
28	9.924	2751	2763	2784	rBV	302249	474898	2.45%	0.488%
29	10.072	2804	2809	2816	rBV8	1325	1789	0.01%	0.002%
30	10.207	2836	2851	2865	rBV	420505	656062	3.39%	0.675%
31	10.271	2866	2871	2884	rVB4	10496	16321	0.08%	0.017%
32	10.345	2884	2894	2913	rBV	142494	229688	1.19%	0.236%
33	10.442	2914	2924	2927	rBV	157414	226301	1.17%	0.233%
34	10.532	2942	2952	2967	rVB	219757	329075	1.70%	0.338%
35	10.603	2968	2974	2979	rVB5	3808	4574	0.02%	0.005%
36	10.651	2982	2989	3002	rVB2	8288	14868	0.08%	0.015%

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Peak Location: TOP

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

37	10.728	3002	3013	3022	rBV	246414	394189	2.03%	0.405%
38	10.905	3053	3068	3082	rBV	475143	725072	3.74%	0.745%
39	10.979	3082	3091	3101	rVV	79546	121898	0.63%	0.125%
40	11.033	3101	3108	3118	rVV3	23390	37874	0.20%	0.039%
41	11.085	3119	3124	3134	rVB5	6647	8920	0.05%	0.009%
42	11.159	3137	3147	3162	rBV	388820	669905	3.46%	0.689%
43	11.239	3162	3172	3188	rVV	716345	1112542	5.74%	1.144%
44	11.326	3188	3199	3212	rVV	599085	911483	4.71%	0.937%
45	11.394	3214	3220	3230	rVB	19713	28060	0.14%	0.029%
46	11.519	3245	3259	3279	rBV	6220109	9450432	48.79%	9.717%
47	11.615	3279	3289	3307	rVB2	655567	1110271	5.73%	1.142%
48	11.734	3314	3326	3344	rBV	8533779	13226024	68.28%	13.598%
49	11.821	3347	3353	3370	rVB2	53418	95942	0.50%	0.099%
50	11.902	3370	3378	3384	rBV	49754	83008	0.43%	0.085%
51	12.008	3400	3411	3431	rBV	156919	258665	1.34%	0.266%
52	12.104	3432	3441	3460	rBV	174926	293488	1.52%	0.302%
53	12.188	3460	3467	3475	rVB2	23328	34935	0.18%	0.036%
54	12.242	3475	3484	3492	rBV6	18322	33803	0.17%	0.035%
55	12.304	3493	3503	3507	rBV3	38343	61234	0.32%	0.063%
56	12.349	3508	3517	3527	rBV	1283338	1875053	9.68%	1.928%
57	12.403	3528	3534	3539	rBV	110079	137717	0.71%	0.142%
58	12.451	3539	3549	3560	rBV	2254498	4229086	21.83%	4.348%
59	12.532	3569	3574	3584	rVB	399006	565005	2.92%	0.581%
60	12.632	3600	3605	3613	rVB2	18721	26522	0.14%	0.027%
61	12.712	3619	3630	3648	rVB	801953	1178598	6.08%	1.212%
62	12.873	3662	3680	3690	rBV2	720575	1109863	5.73%	1.141%
63	12.937	3690	3700	3715	rVB	1106889	1658844	8.56%	1.706%
64	13.043	3720	3733	3751	rVB	1362683	2235633	11.54%	2.299%
65	13.136	3754	3762	3771	rBV7	18469	34673	0.18%	0.036%
66	13.207	3778	3784	3791	rVB	43698	60593	0.31%	0.062%
67	13.255	3792	3799	3808	rBV3	56234	87348	0.45%	0.090%
68	13.361	3826	3832	3837	rBV	16313	19792	0.10%	0.020%
69	13.490	3858	3872	3893	rBV	11825594	19371366	100.00%	19.917%
70	13.609	3894	3909	3918	rVV	2116798	3407558	17.59%	3.504%
71	13.654	3918	3923	3931	rVV	308308	479401	2.47%	0.493%
72	13.699	3931	3937	3947	rVB	189542	282341	1.46%	0.290%
73	13.754	3947	3954	3963	rVB2	103072	143613	0.74%	0.148%
74	13.808	3963	3971	3985	rVB2	51681	84260	0.43%	0.087%
75	13.895	3986	3998	4004	rBV3	61784	116387	0.60%	0.120%
76	14.030	4034	4040	4047	rVB	33395	44906	0.23%	0.046%

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 Title : VOC Analysis

77	14.088	4047	4058	4067	rBV3	141720	270110	1.39%	0.278%
78	14.210	4087	4096	4108	rBV2	112931	200720	1.04%	0.206%
79	14.278	4110	4117	4128	rVB	107342	164834	0.85%	0.169%
80	14.332	4129	4134	4143	rVB	13197	18405	0.10%	0.019%
81	14.390	4146	4152	4156	rBV	10453	12734	0.07%	0.013%
82	14.477	4171	4179	4193	rVB2	42489	73973	0.38%	0.076%
83	14.564	4194	4206	4214	rBV2	222571	378912	1.96%	0.390%
84	14.619	4214	4223	4236	rVV	784171	1210127	6.25%	1.244%
85	14.738	4250	4260	4268	rBV	55368	88912	0.46%	0.091%
86	14.802	4268	4280	4295	rBV	2791269	4373587	22.58%	4.497%
87	15.088	4363	4369	4374	rBV6	4874	6274	0.03%	0.006%
88	15.307	4429	4437	4439	rBV7	2521	3612	0.02%	0.004%
89	15.348	4439	4450	4463	rVV	335547	509189	2.63%	0.524%
90	15.448	4475	4481	4491	rVB3	12435	19250	0.10%	0.020%
91	15.535	4493	4508	4515	rBV7	24639	55637	0.29%	0.057%
92	15.577	4515	4521	4532	rVB4	24605	36468	0.19%	0.037%
93	15.651	4534	4544	4569	rVB	194952	376843	1.95%	0.387%
94	15.757	4571	4577	4579	rBV4	9449	9465	0.05%	0.010%
95	15.795	4580	4589	4598	rBV	277544	429627	2.22%	0.442%
96	15.998	4643	4652	4654	rBV2	37806	49073	0.25%	0.050%
97	16.165	4697	4704	4715	rVB	38744	60084	0.31%	0.062%
98	16.258	4724	4733	4748	rBV	77824	133703	0.69%	0.137%
99	16.467	4787	4798	4820	rBV	365192	569735	2.94%	0.586%
100	16.773	4885	4893	4905	rVB	27880	46354	0.24%	0.048%

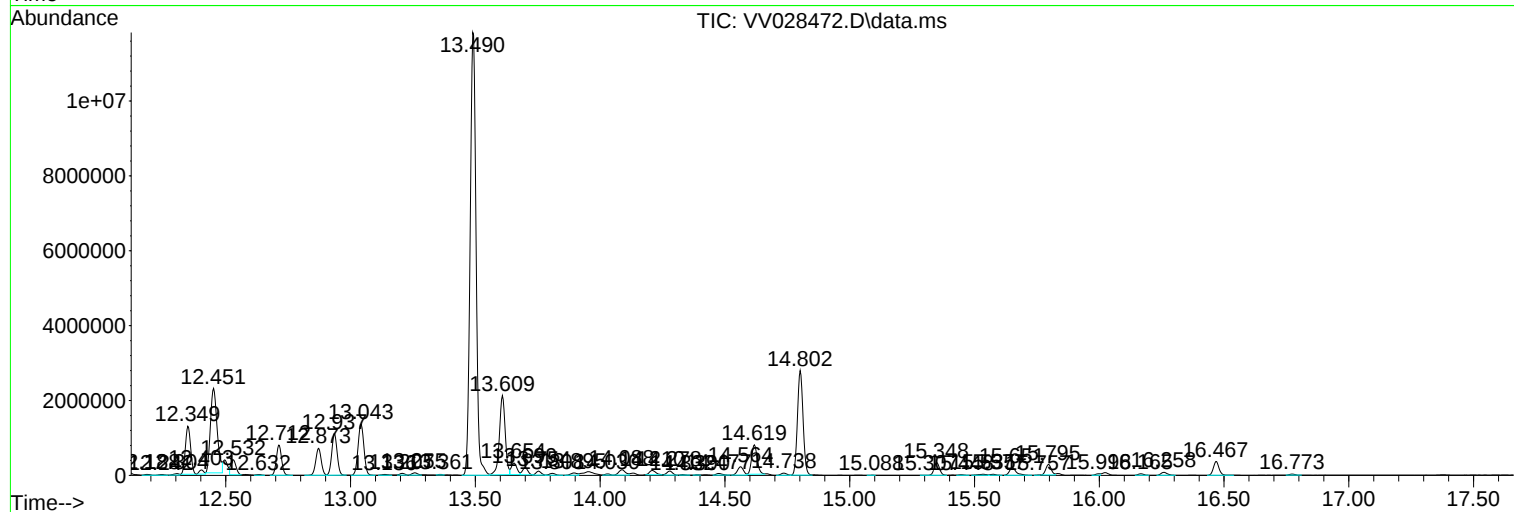
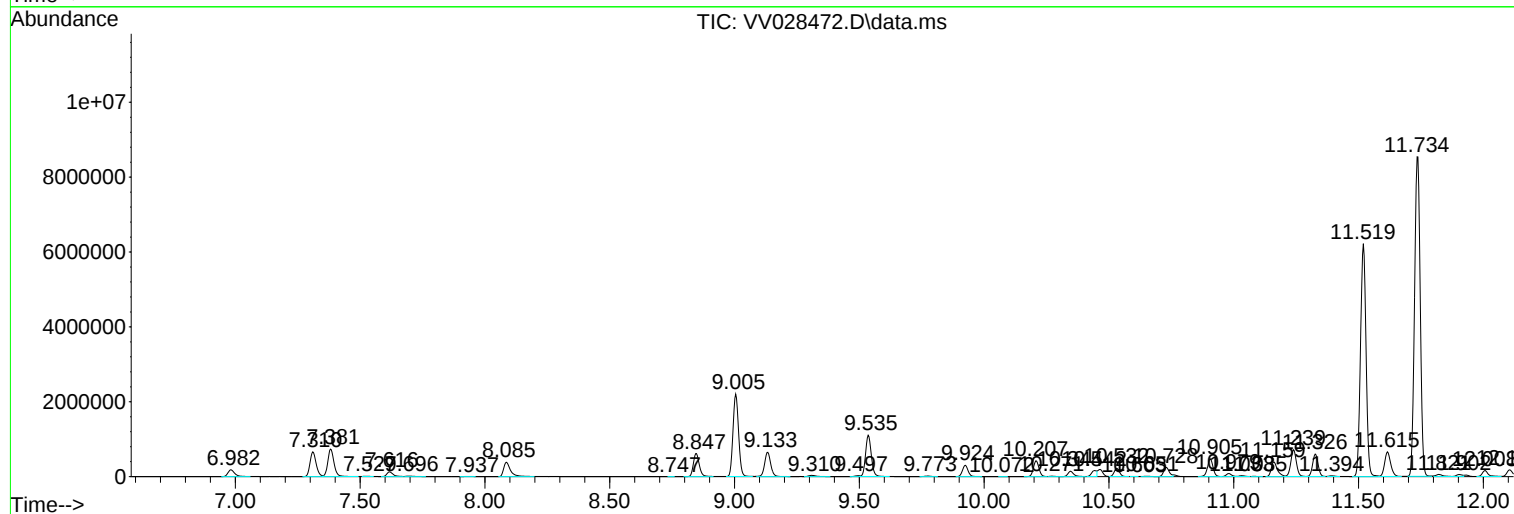
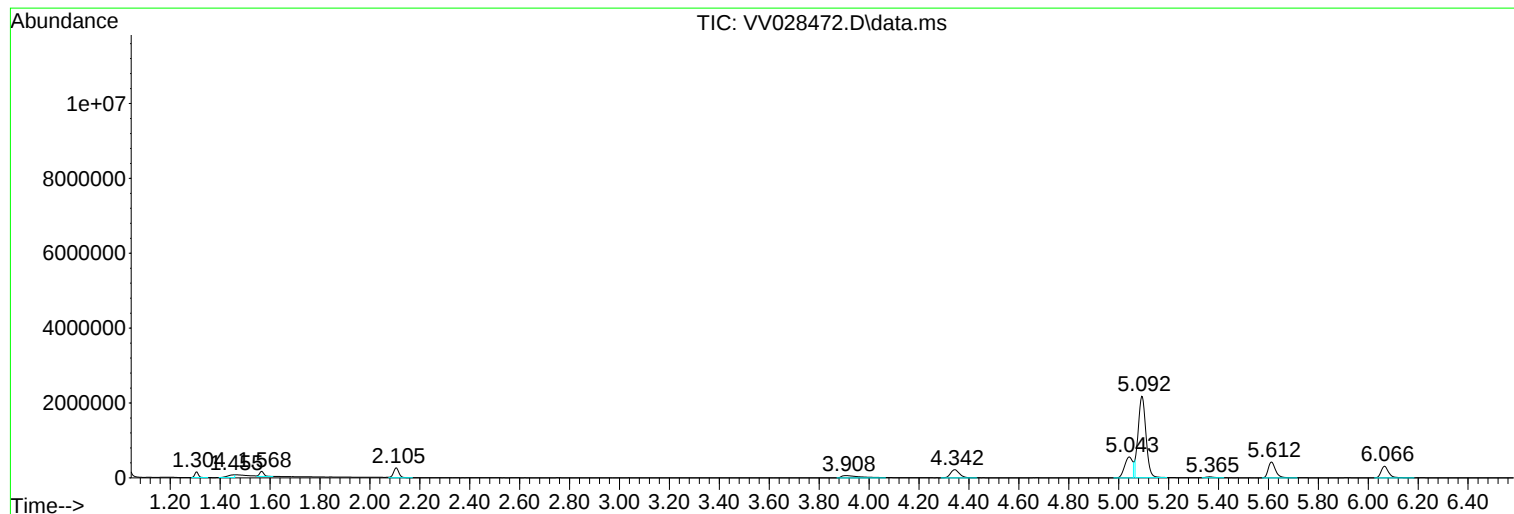
Sum of corrected areas: 97261453

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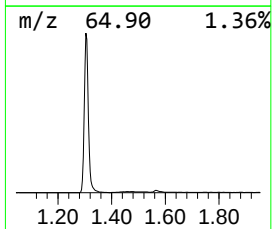
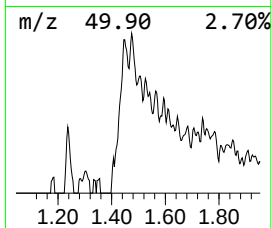
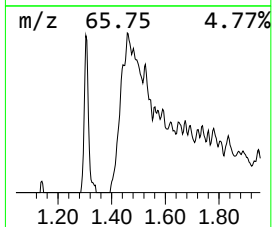
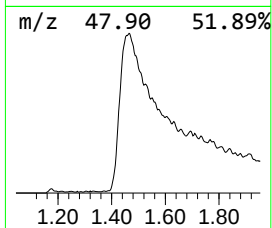
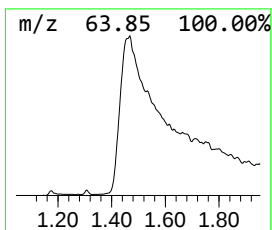
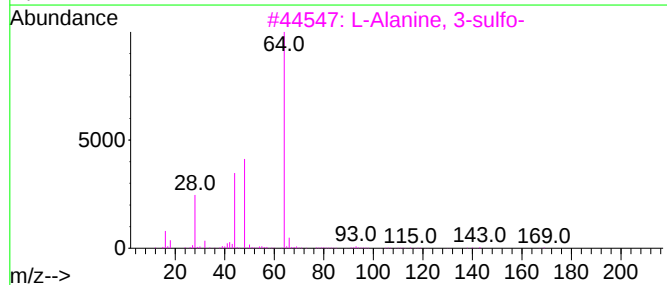
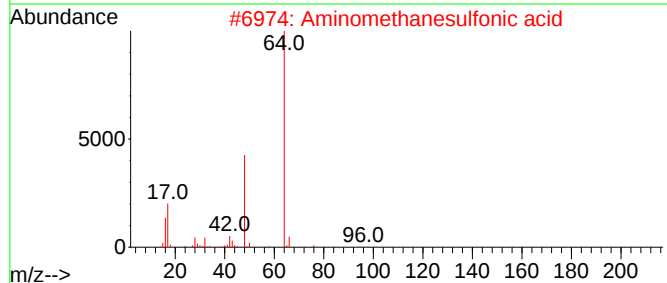
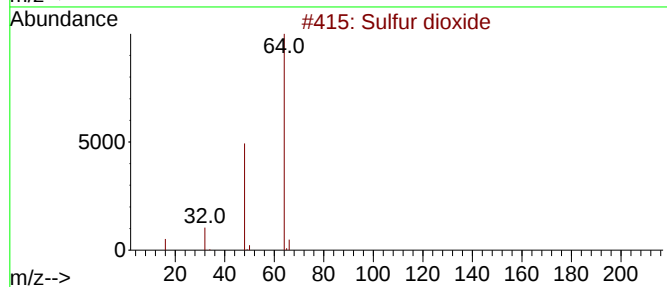
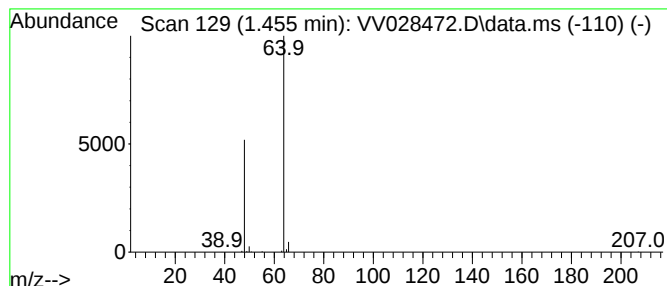
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.455	8.74 ug/L	151173	1,4-Difluorobenzene	5.612

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	83
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9



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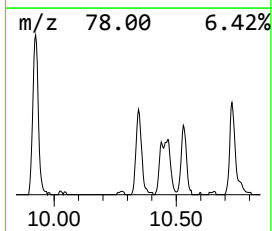
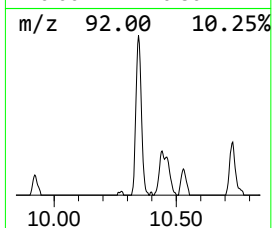
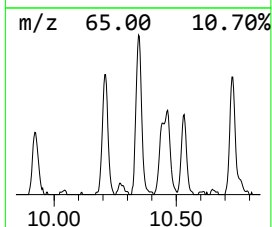
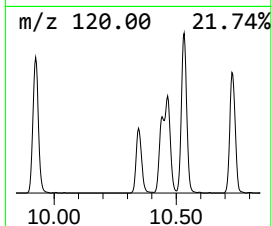
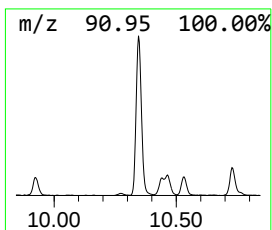
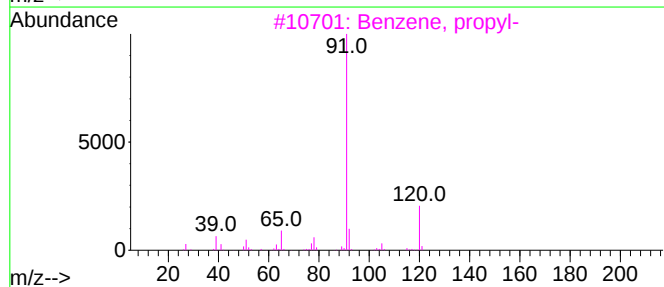
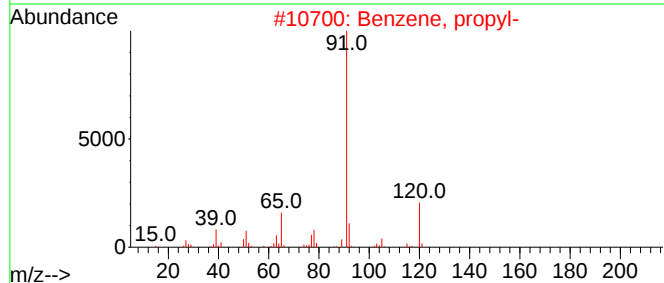
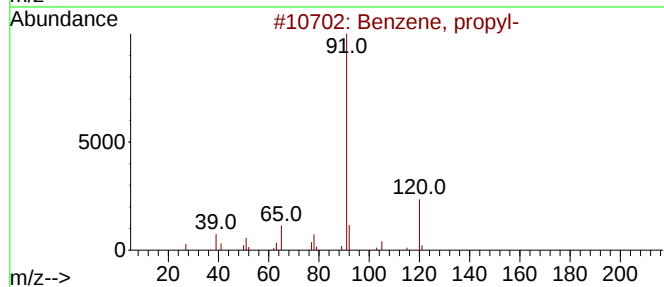
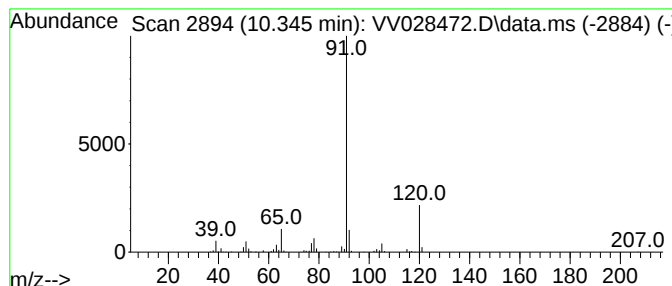
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Benzene, propyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.345	10.32 ug/L	229688	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	87
5			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78



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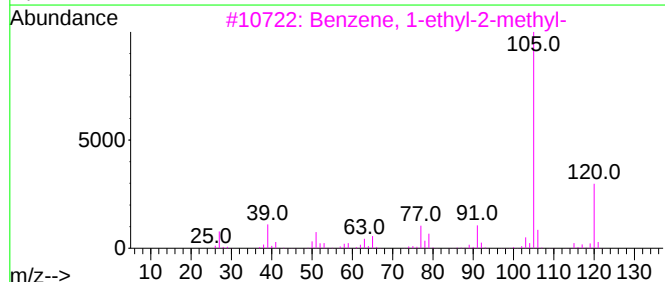
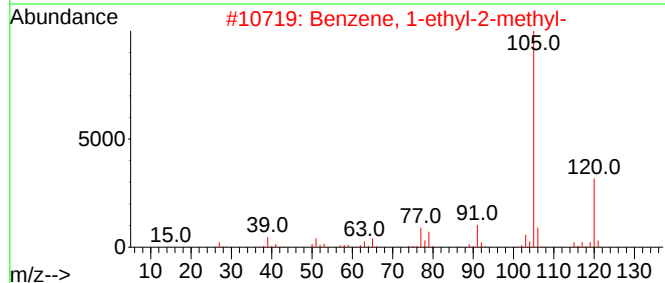
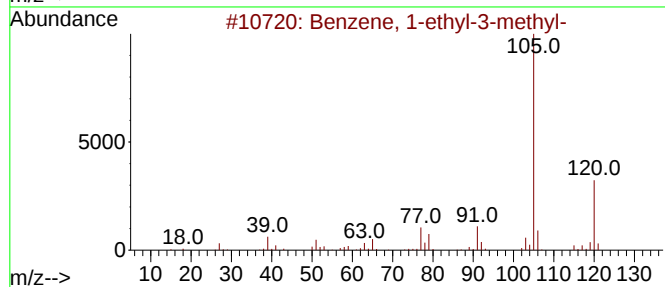
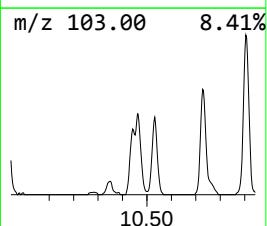
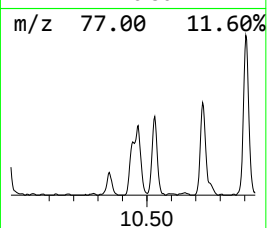
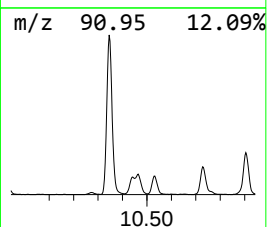
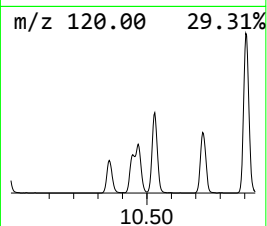
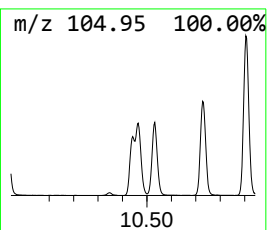
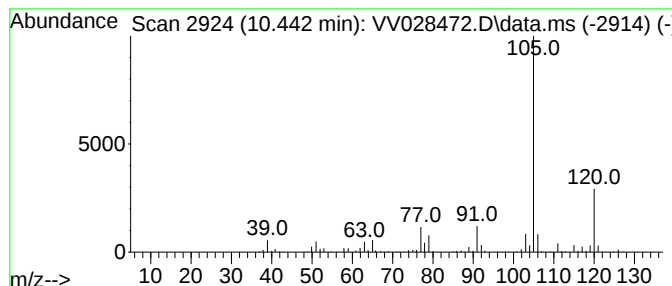
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.442	10.17 ug/L	226301	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	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

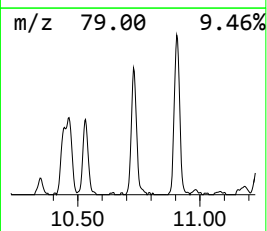
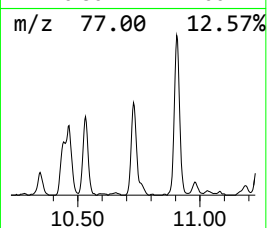
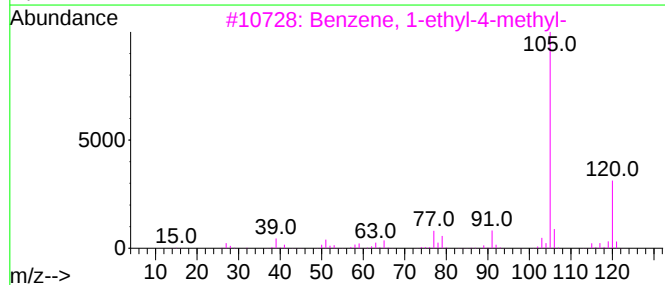
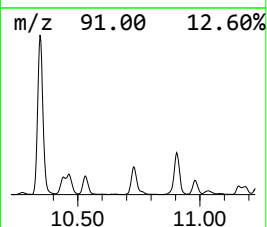
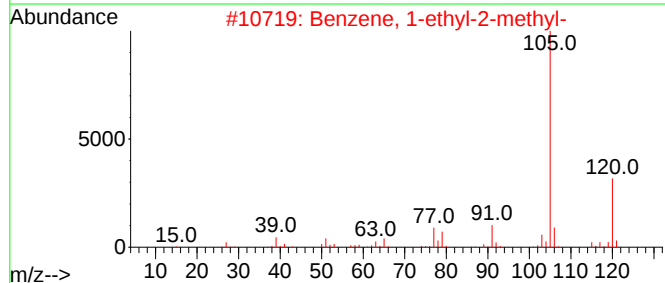
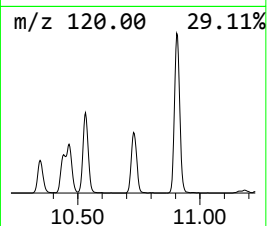
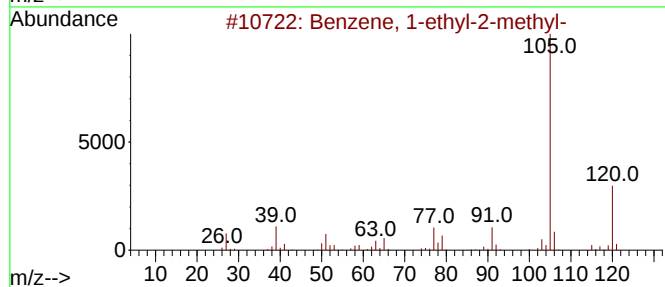
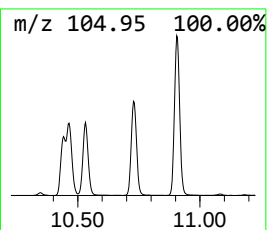
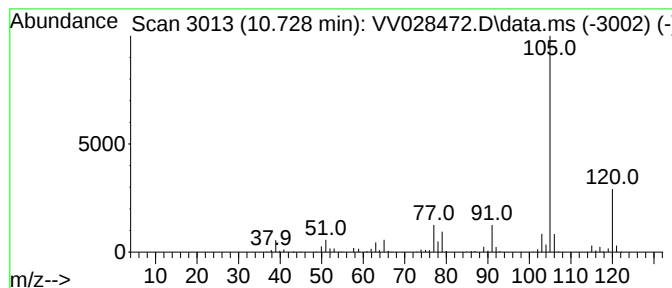
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.728	17.72 ug/L	394189	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	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

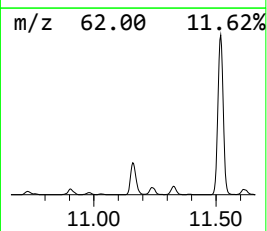
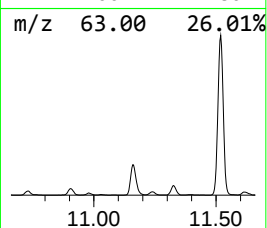
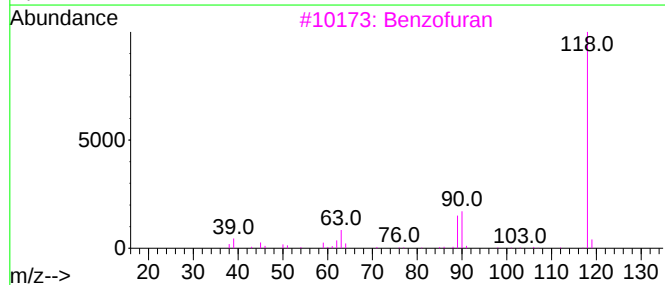
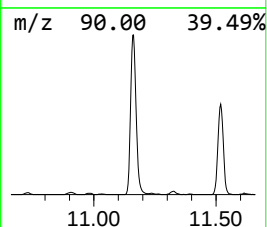
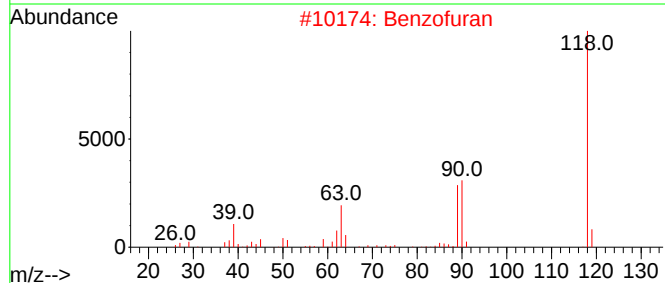
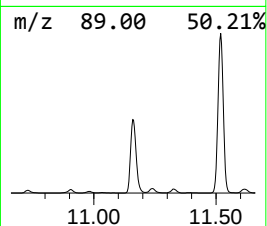
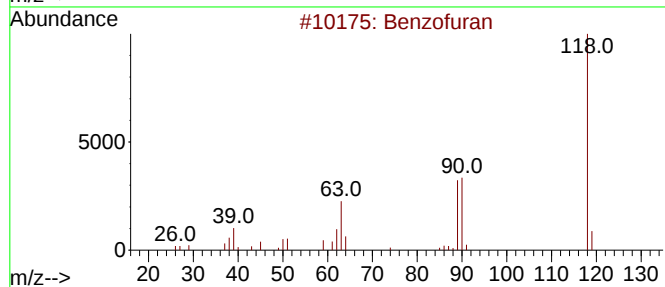
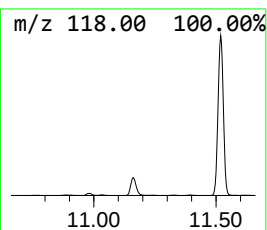
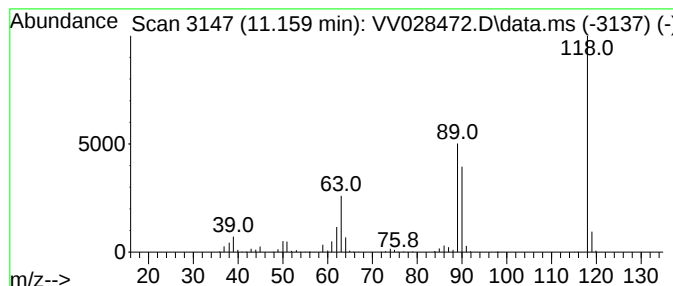
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Quant Title : VOC Analysis

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

Peak Number 9 Benzofuran Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.159	30.11 ug/L	669905	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	87
4			Benzofuran	118	C8H6O	000271-89-6	58
5			3-Pyridineacetonitrile	118	C7H6N2	006443-85-2	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

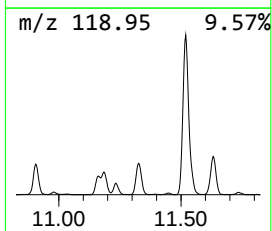
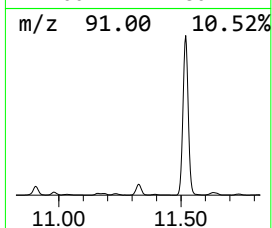
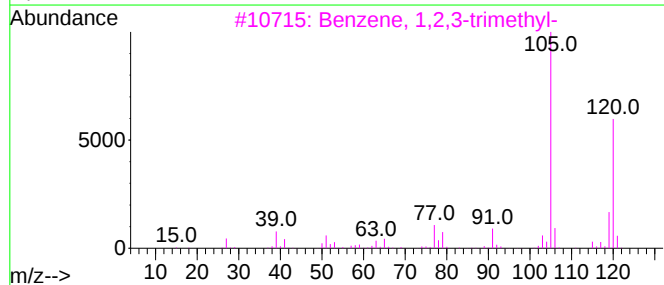
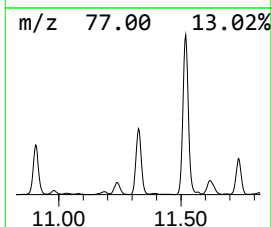
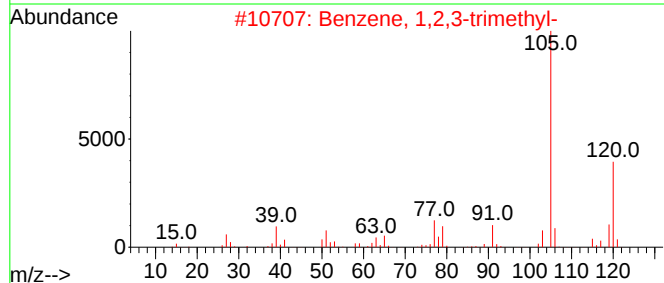
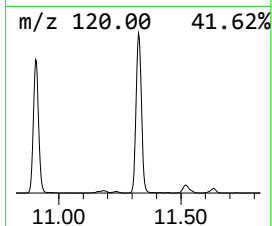
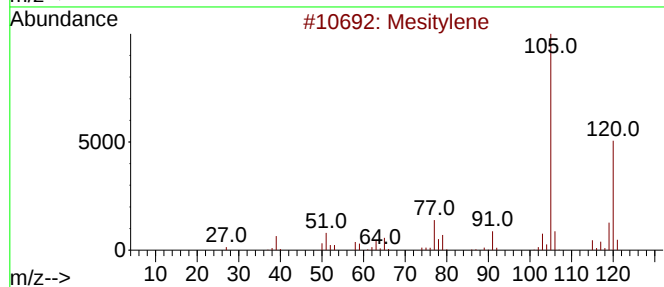
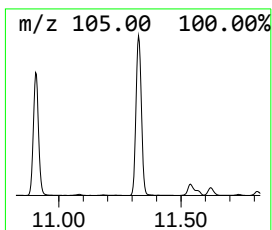
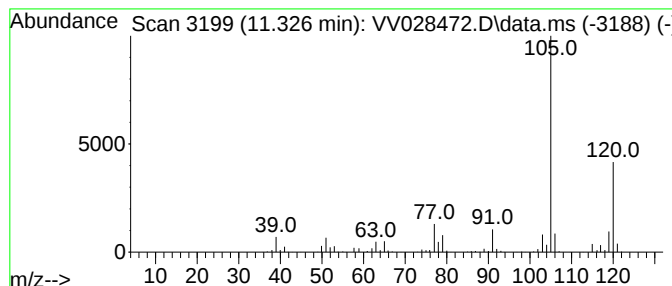
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.326	40.96 ug/L	911483	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	97
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

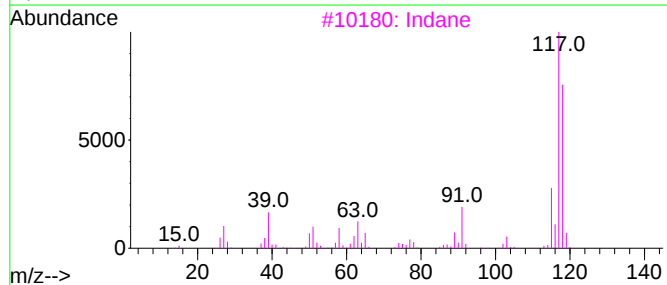
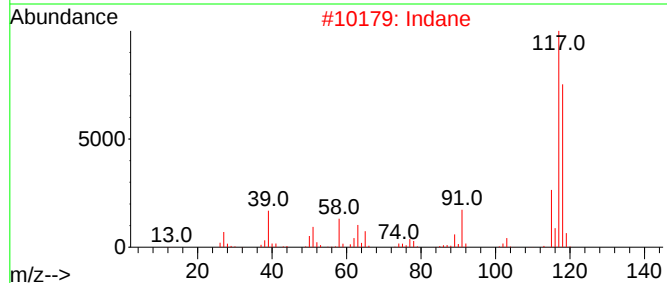
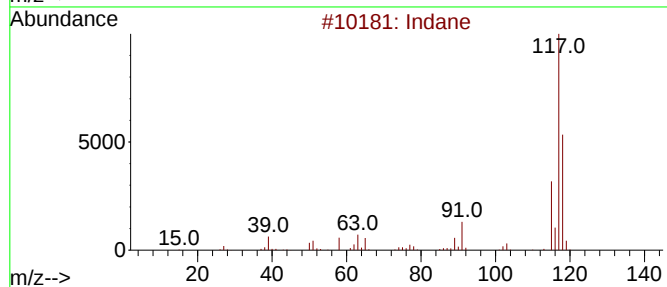
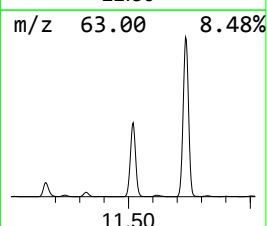
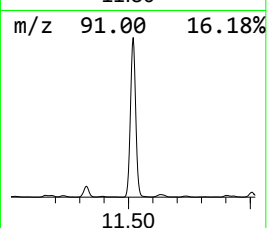
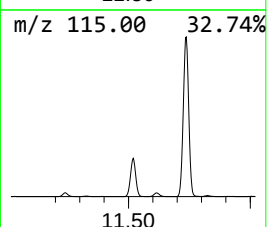
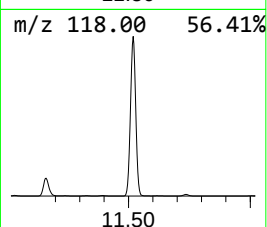
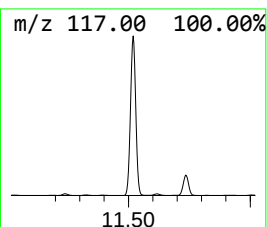
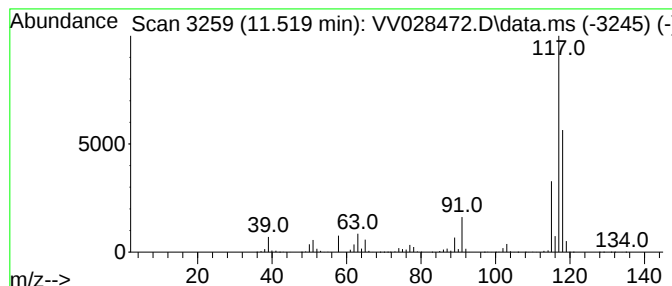
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Quant Title : VOC Analysis

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

Peak Number 11 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.519	424.72 ug/L	9450430	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	Deltacyclene			118	C9H10	007785-10-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

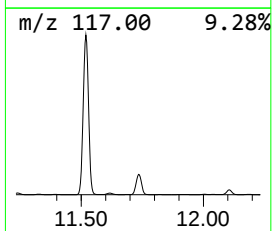
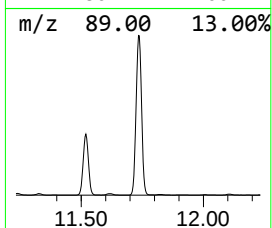
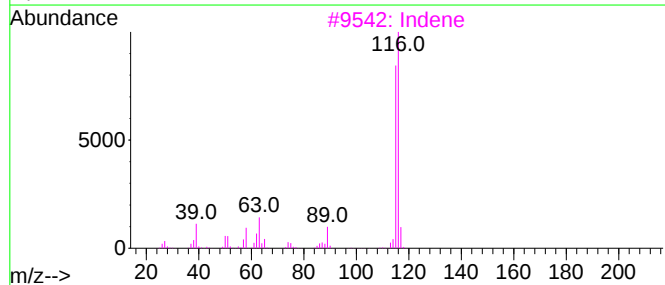
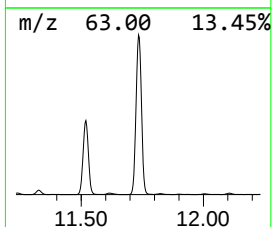
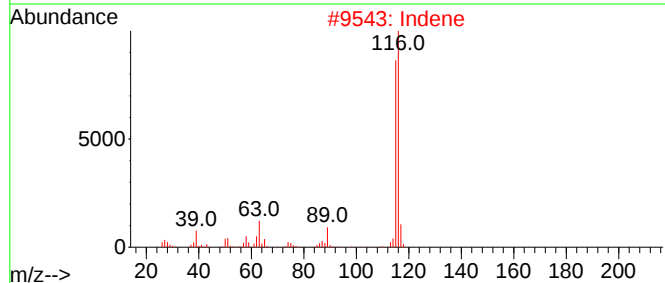
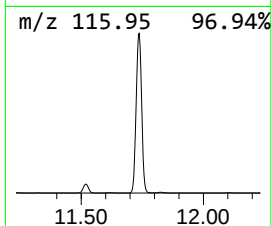
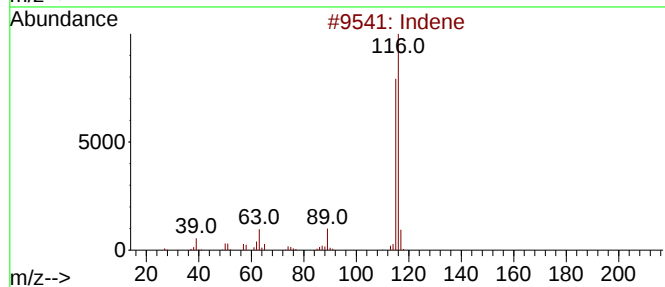
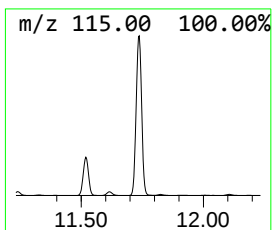
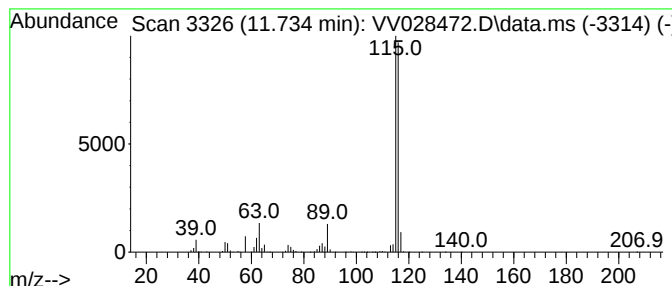
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Quant Title : VOC Analysis

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	594.41 ug/L	13226000	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			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5			Benzene, 1-propynyl-	116	C9H8	000673-32-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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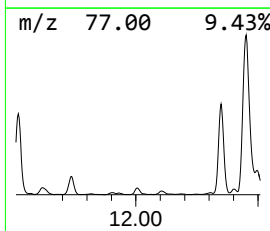
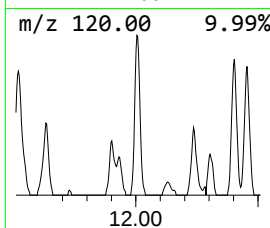
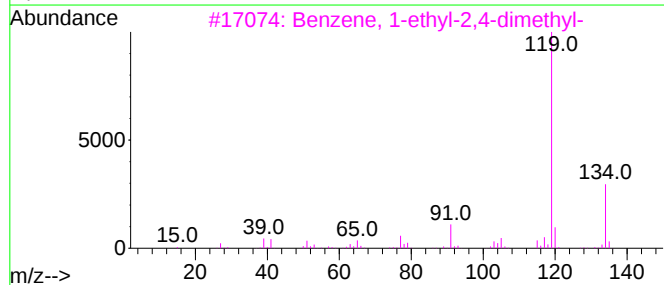
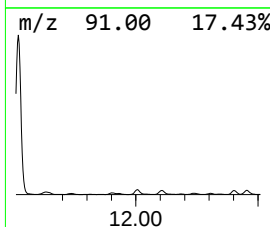
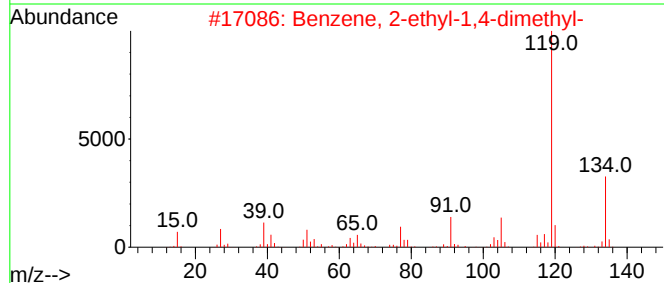
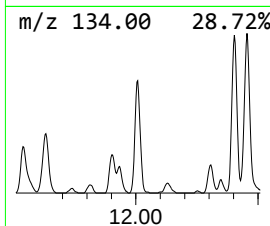
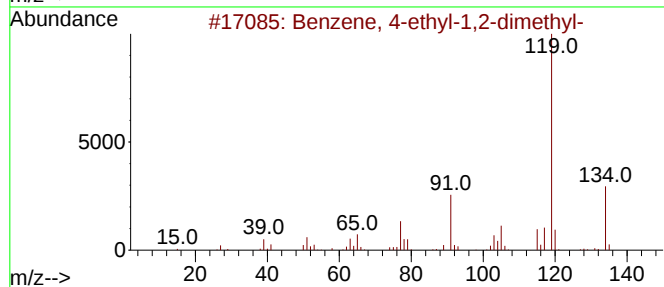
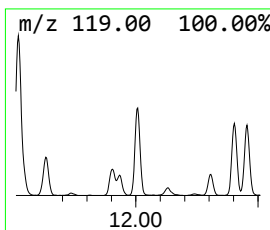
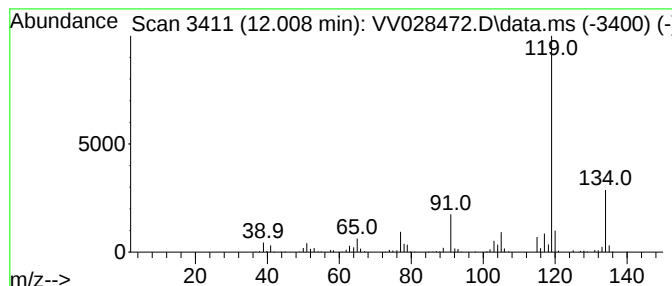
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.008	11.63 ug/L	258665	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4			o-Cymene	134	C10H14	000527-84-4	94
5			p-Cymene	134	C10H14	000099-87-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

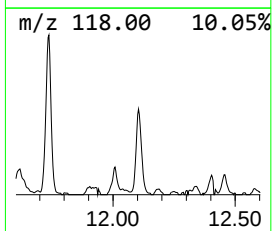
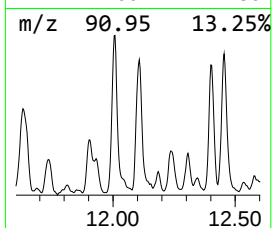
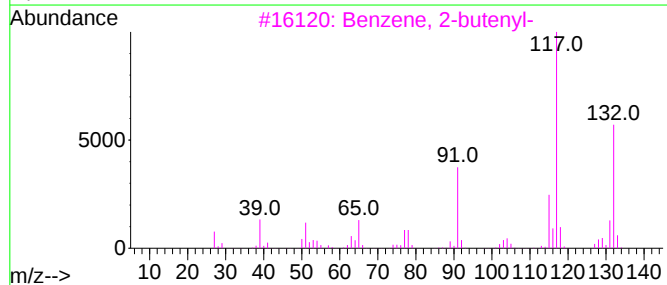
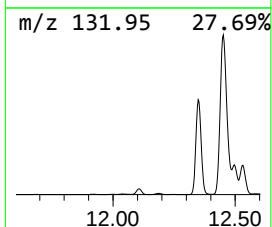
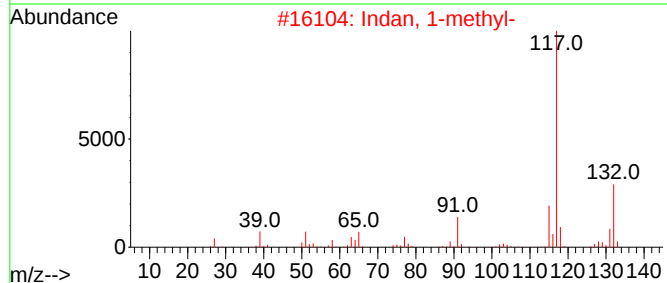
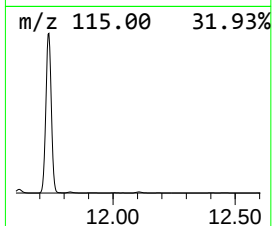
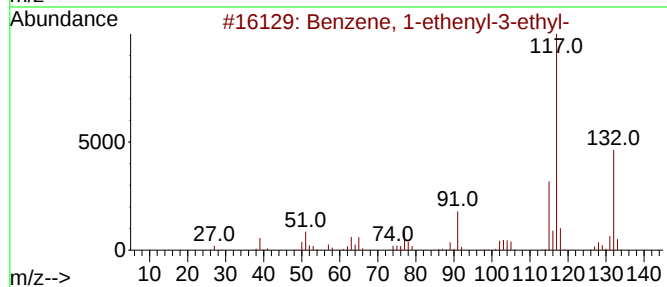
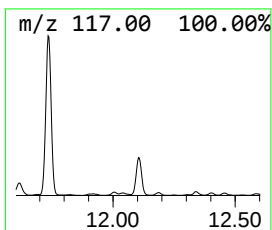
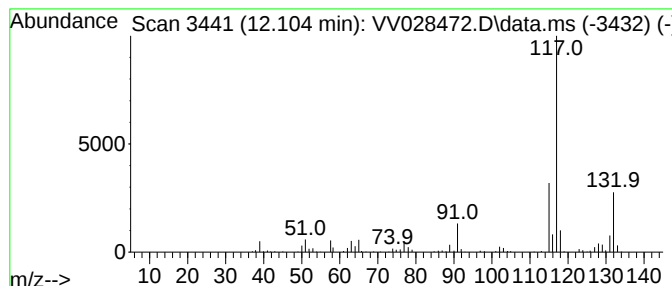
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	13.19 ug/L	293488	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			Indan, 1-methyl-	132	C10H12	000767-58-8	90
3			Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

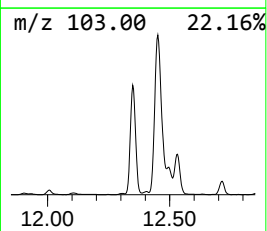
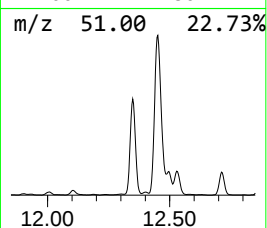
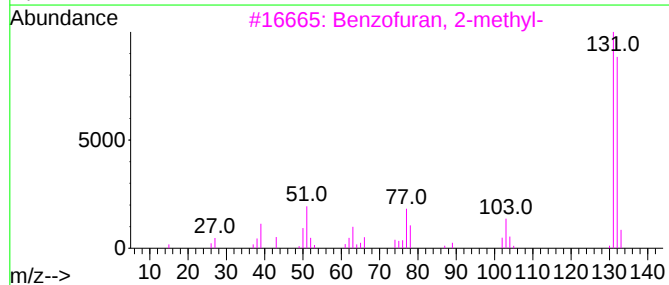
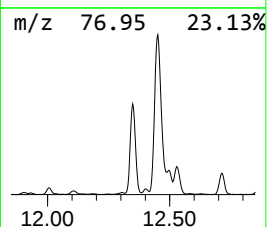
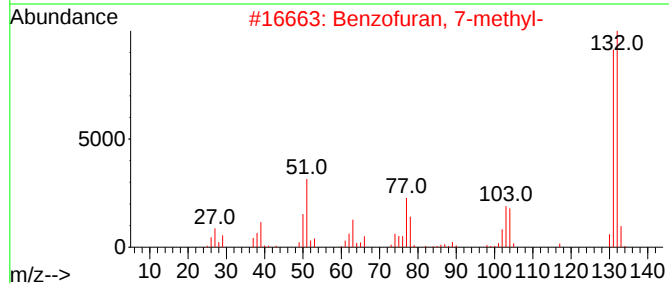
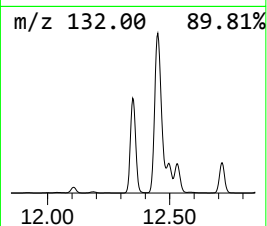
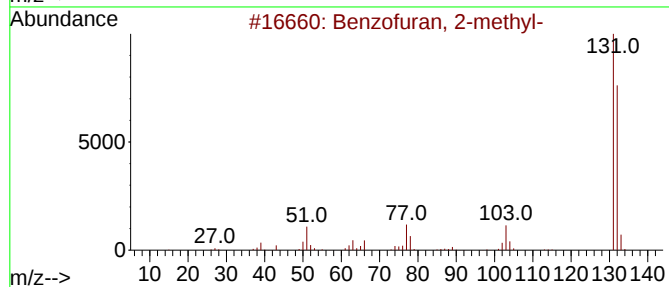
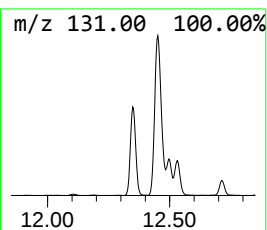
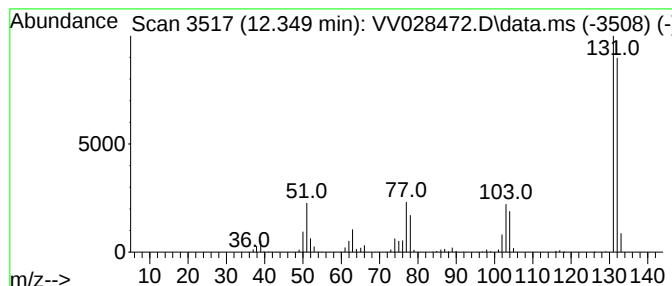
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Quant Title : VOC Analysis

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

Peak Number 18 Benzofuran, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.349	84.27 ug/L	1875050	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			2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
5			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

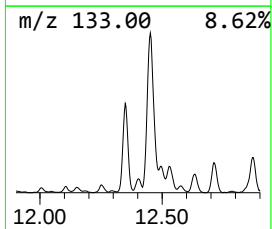
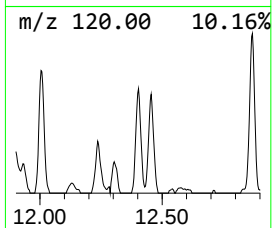
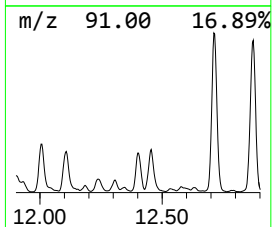
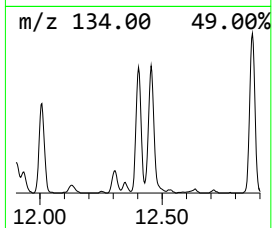
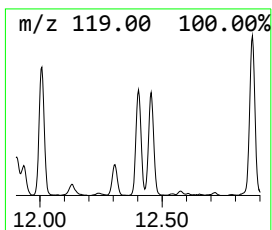
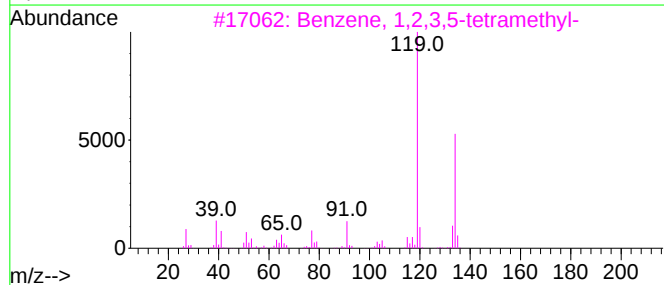
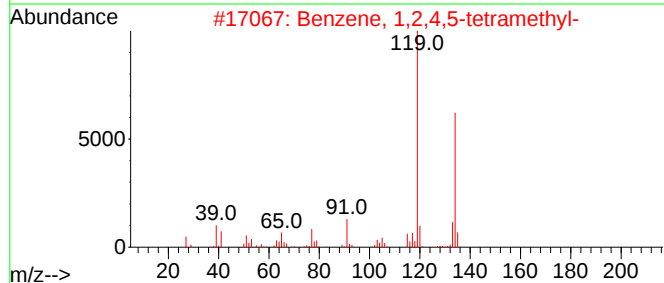
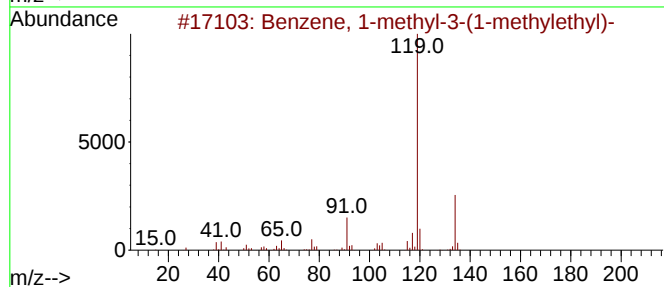
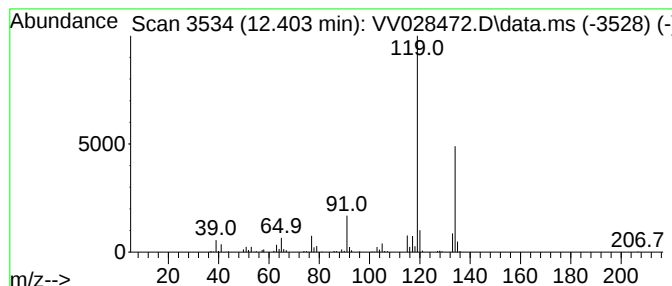
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Quant Title : VOC Analysis

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

Peak Number 19 Benzene, 1-methyl-3-(1-meth... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.403	6.19 ug/L	137717	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

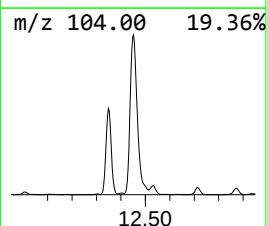
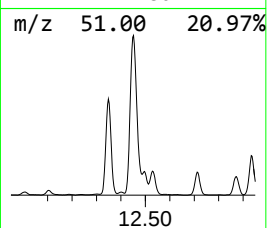
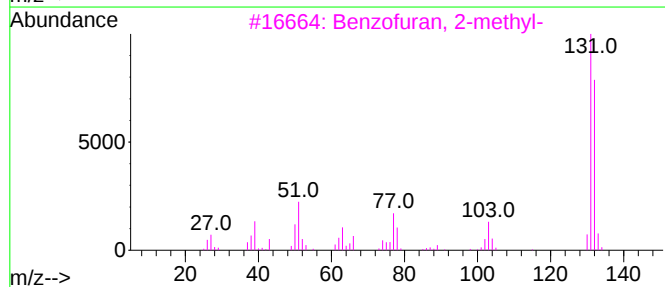
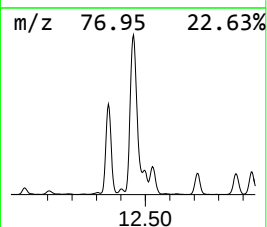
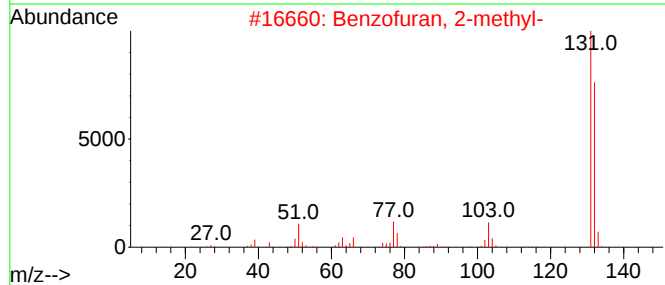
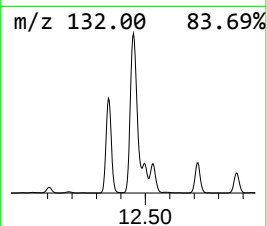
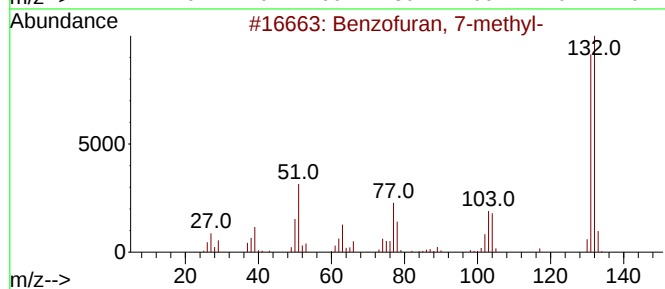
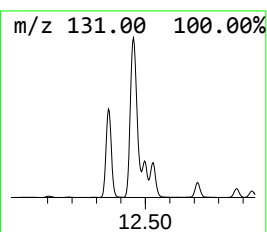
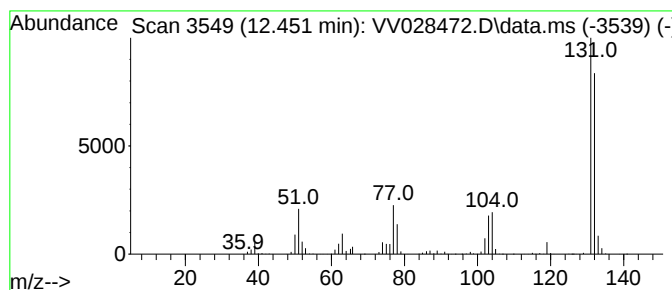
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Quant Title : VOC Analysis

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

Peak Number 20 Benzofuran, 7-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	190.06 ug/L	4229090	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	93
3			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
4			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
5			3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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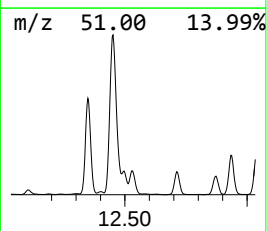
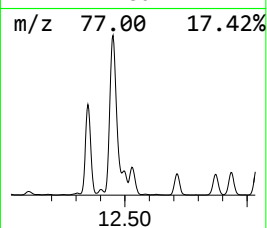
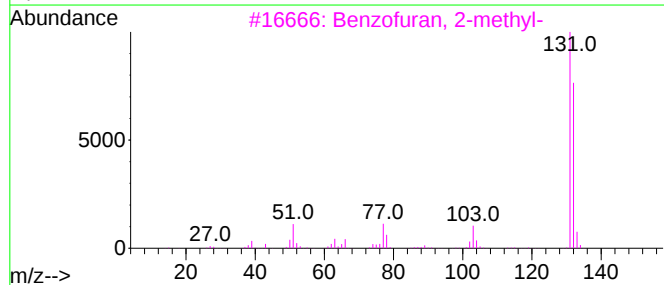
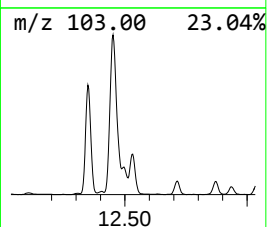
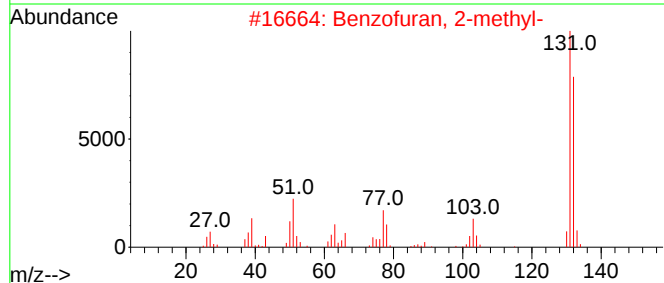
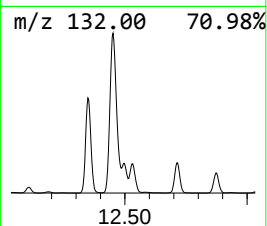
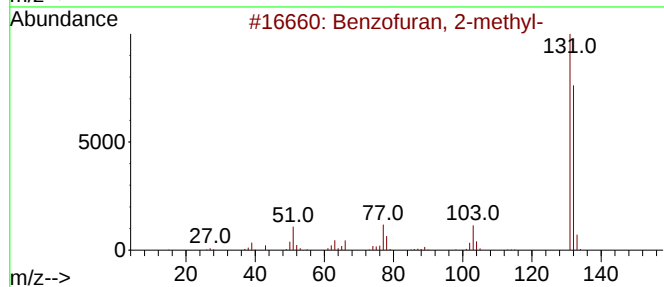
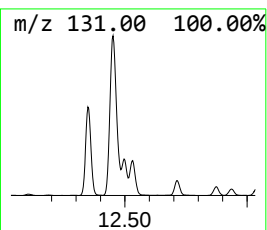
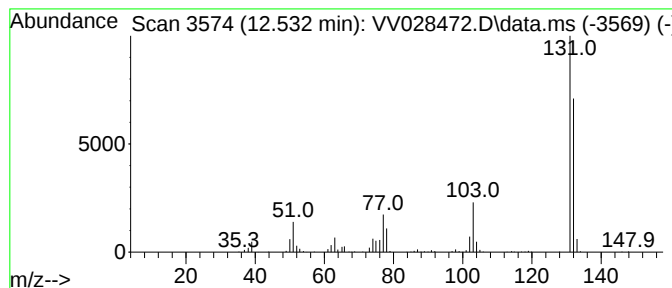
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Quant Title : VOC Analysis

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

Peak Number 21 Cinnamaldehyde, (E)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.532	25.39 ug/L	565005	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4			Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
5			2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

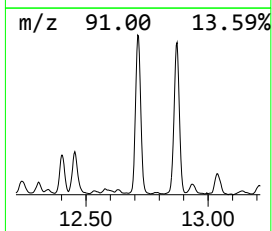
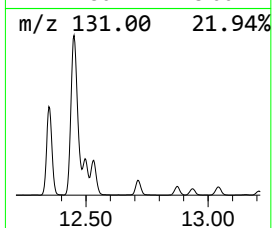
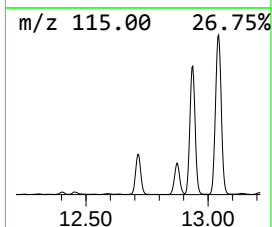
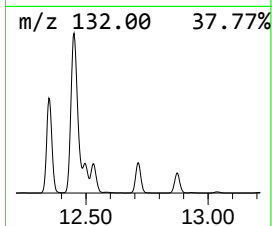
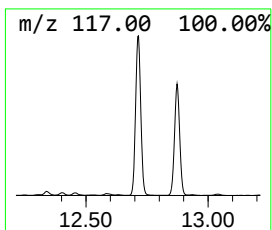
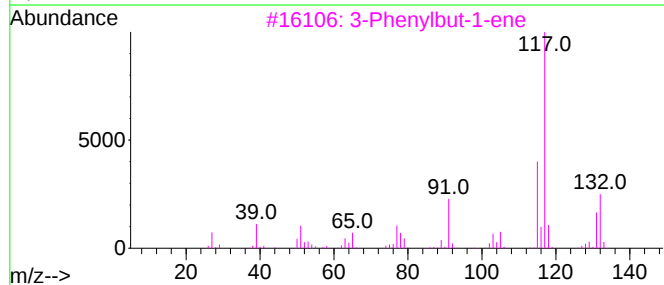
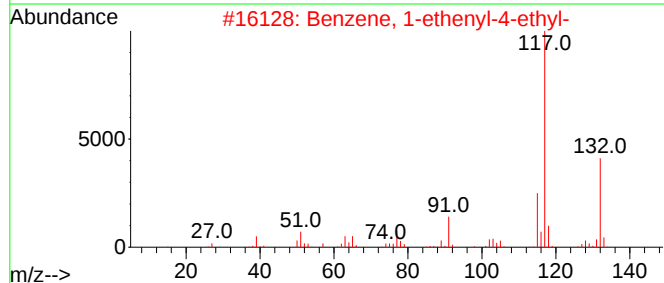
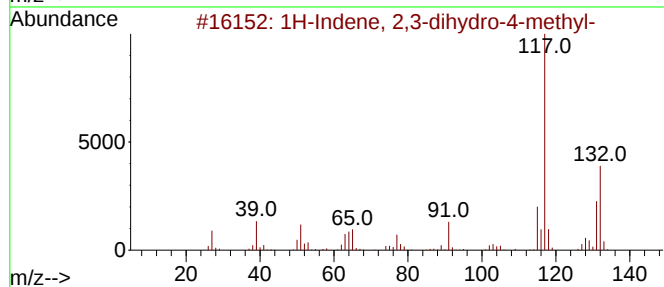
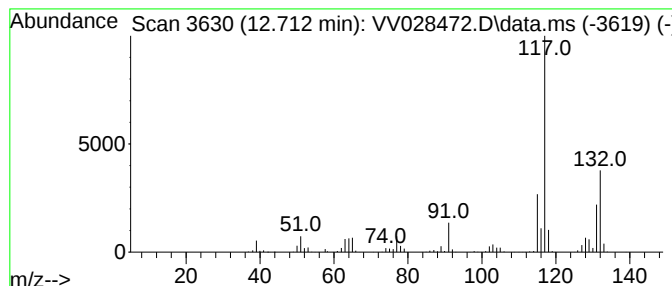
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Quant Title : VOC Analysis

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

Peak Number 22 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.712	52.97 ug/L	1178600	1,4-Dichlorobenzene-d4	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

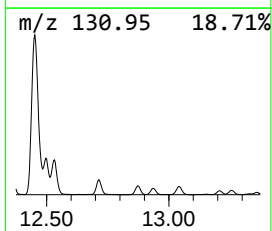
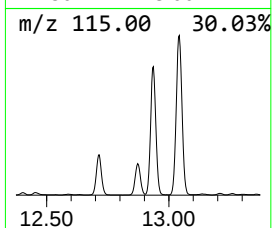
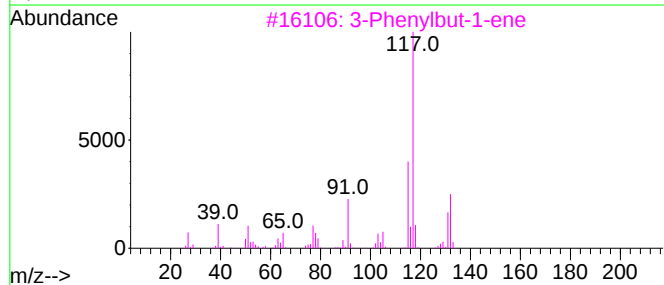
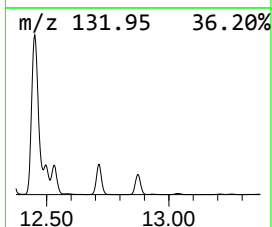
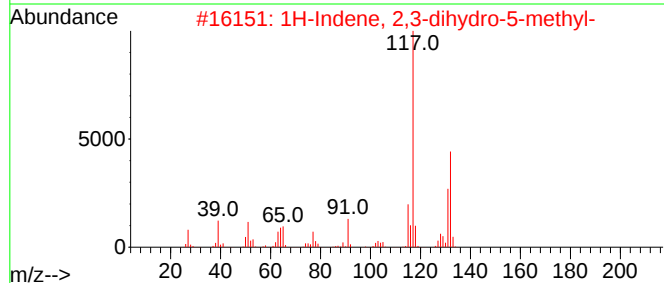
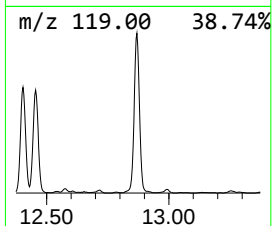
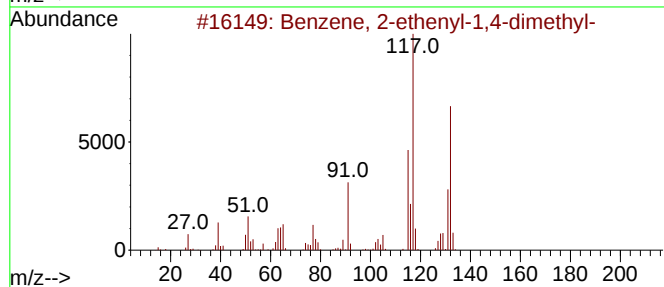
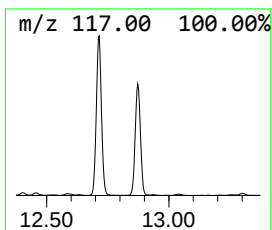
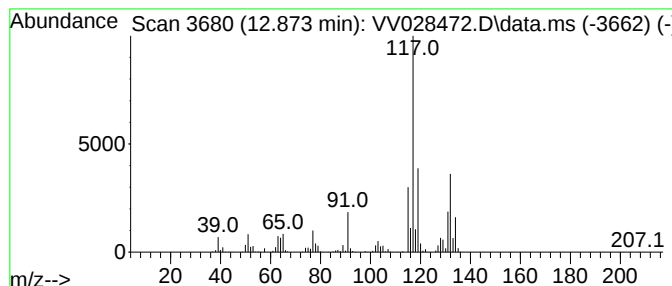
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Quant Title : VOC Analysis

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

Peak Number 23 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	49.88 ug/L	1109860	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	95
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
4			1-Phenyl-1-butene	132	C10H12	000824-90-8	76
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

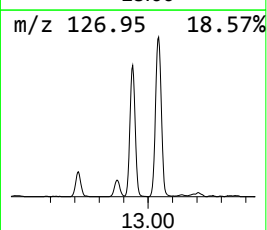
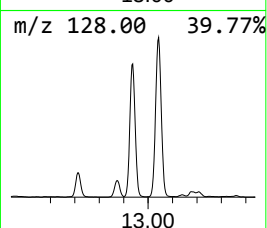
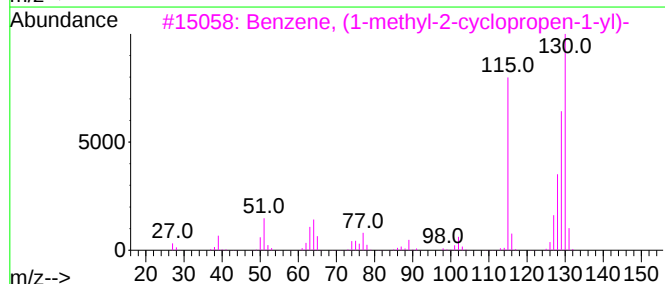
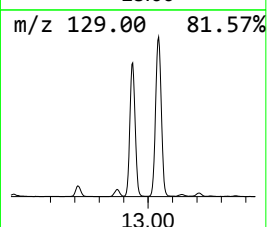
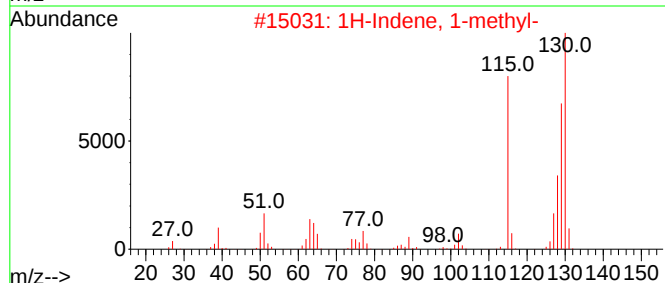
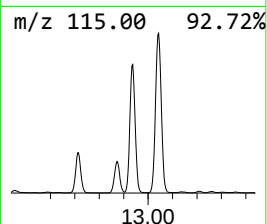
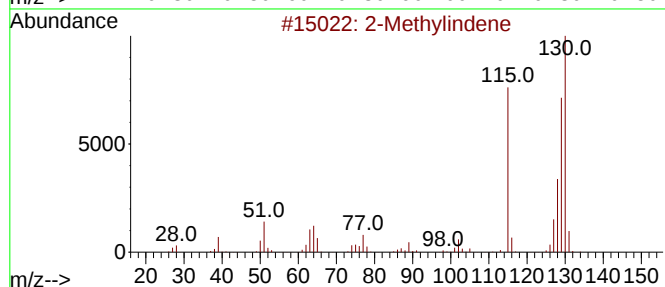
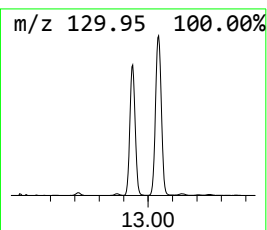
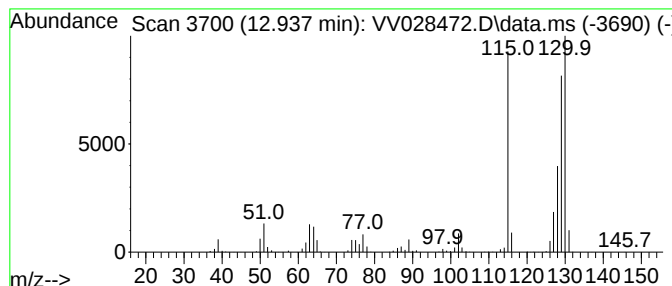
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Quant Title : VOC Analysis

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

Peak Number 24 2-Methylindene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.937	74.55 ug/L	1658840	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	95
3			Benzene, (1-methyl-2-cyclopropen-1-yl)-	130	C10H10	065051-83-4	95
4			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5			Benzene, 1-butynyl-	130	C10H10	000622-76-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

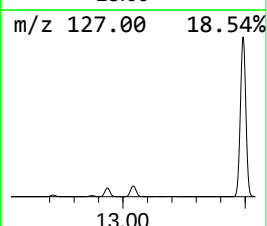
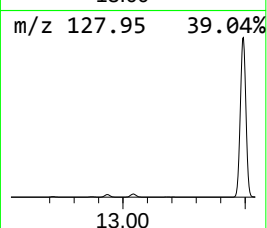
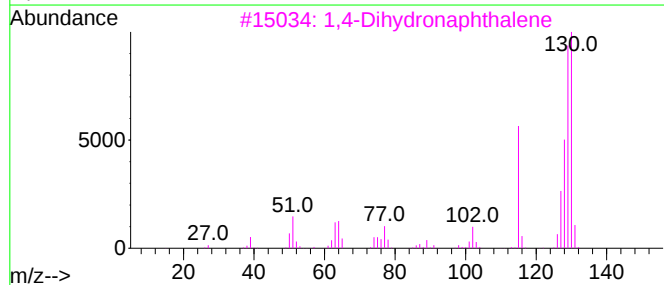
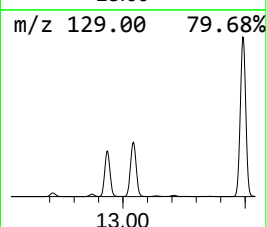
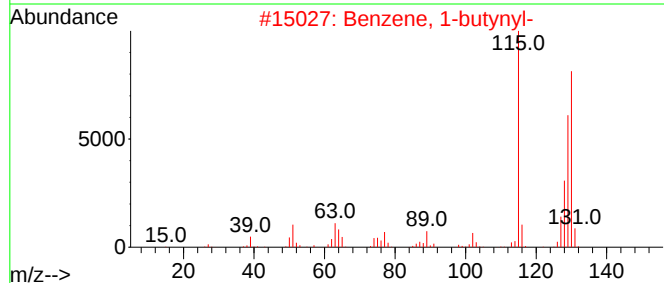
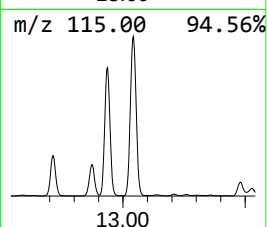
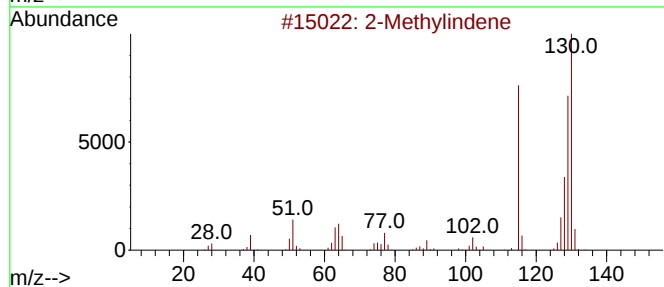
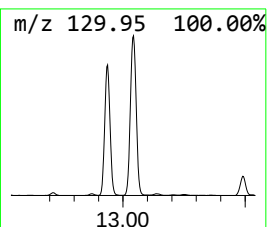
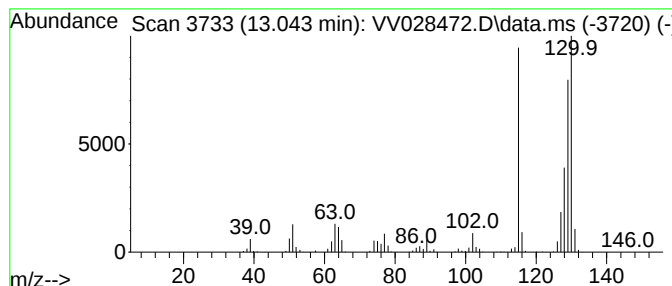
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Quant Title : VOC Analysis

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

Peak Number 25 Benzene, 1-butynyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.043	100.47 ug/L	2235630	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-butynyl-	130	C10H10	000622-76-4	96
3			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
4			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
5			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

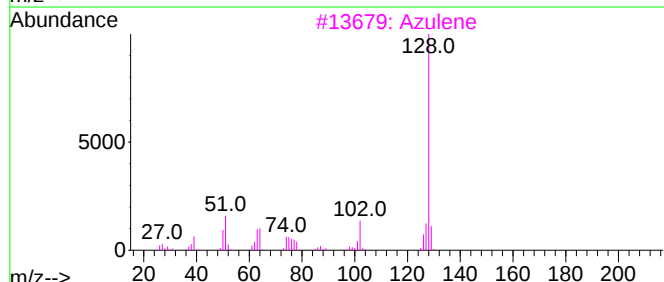
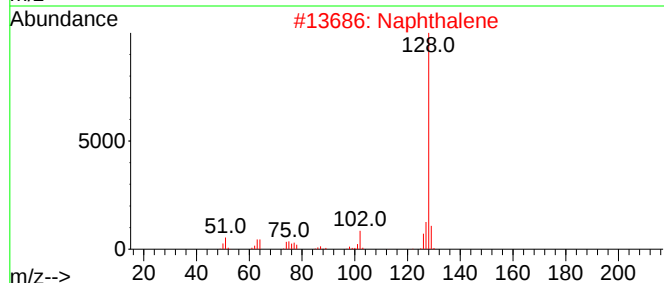
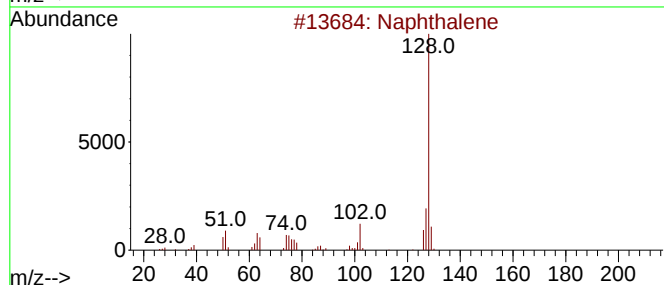
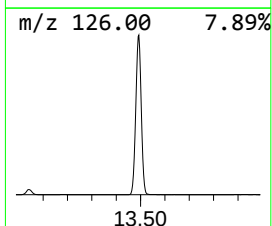
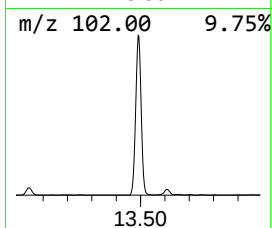
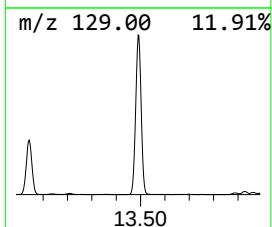
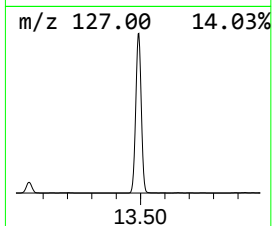
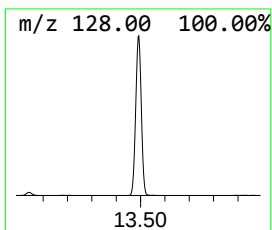
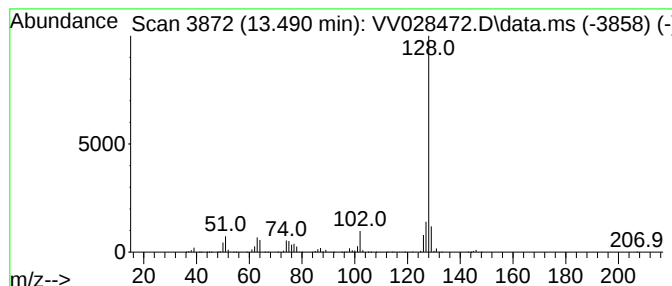
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Quant Title : VOC Analysis

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.
13.490	870.59 ug/L	19371400	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			Azulene	128	C10H8	000275-51-4	91
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

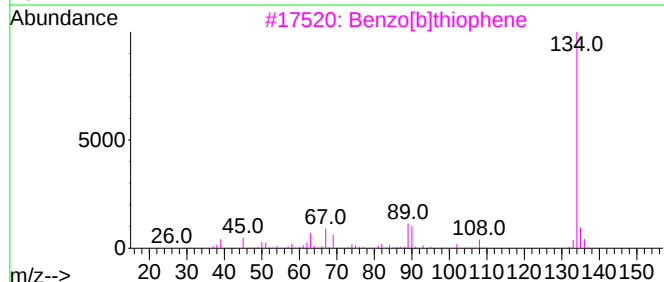
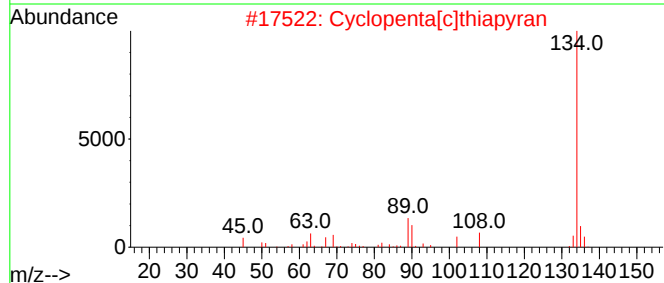
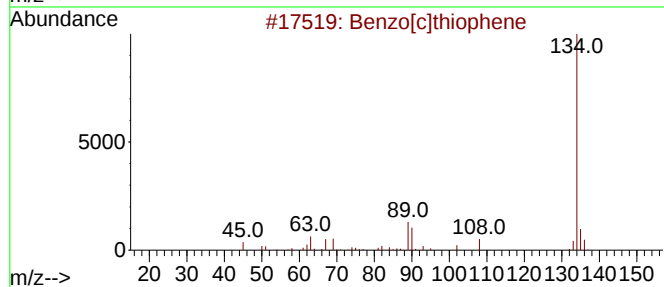
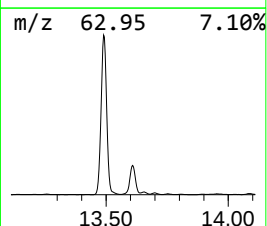
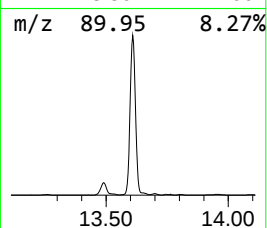
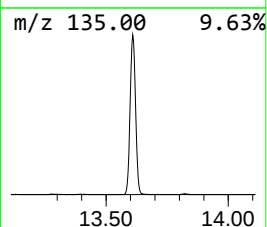
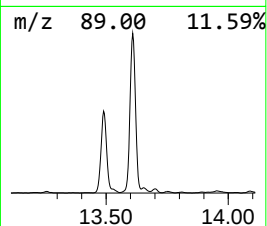
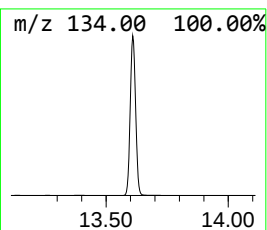
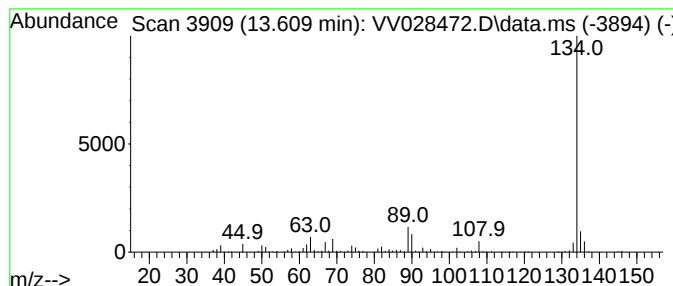
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Quant Title : VOC Analysis

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

Peak Number 29 Benzo[c]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.609	153.14 ug/L	3407560	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			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
3			Benzo[b]thiophene	134	C8H6S	000095-15-8	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 : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

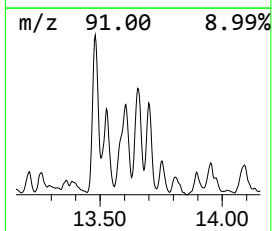
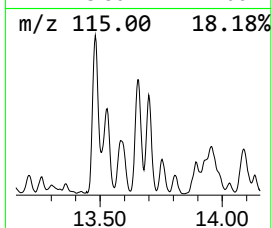
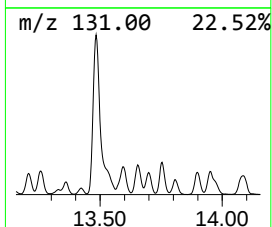
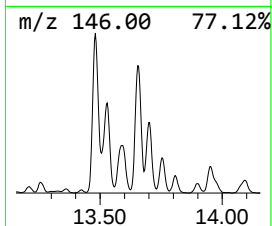
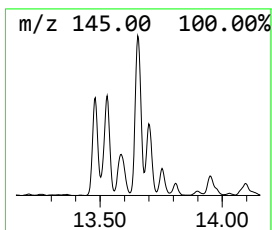
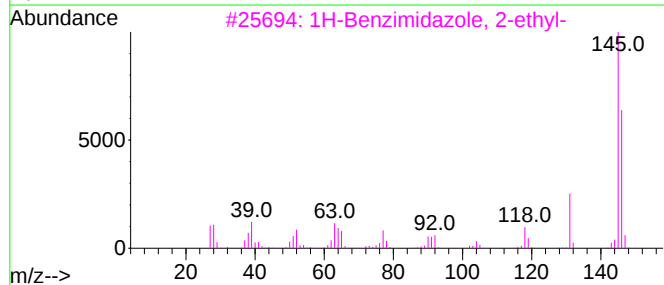
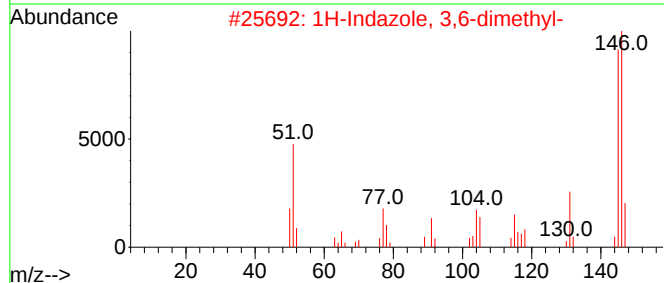
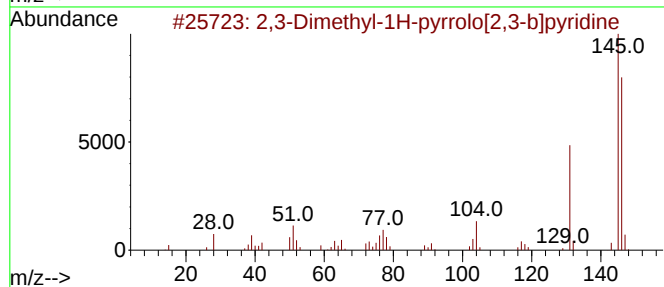
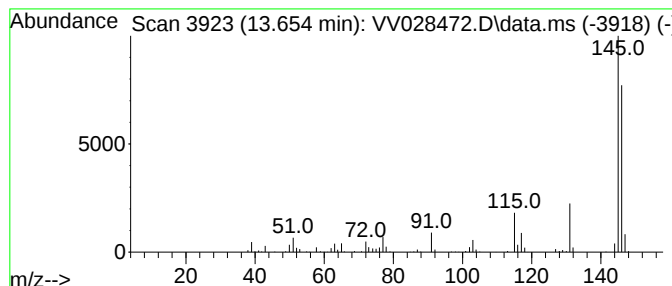
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Quant Title : VOC Analysis

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

Peak Number 30 2,3-Dimethyl-1H-pyrrolo[2,3... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.654	21.55 ug/L	479401	1,4-Dichlorobenzene-d4	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,3-Dimethyl-1H-pyrrolo[2,3-b]py...	146	C9H10N2	010299-69-1	80
2		1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	74
3		1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	72
4		Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	64
5		1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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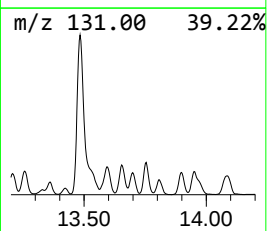
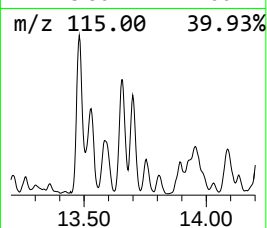
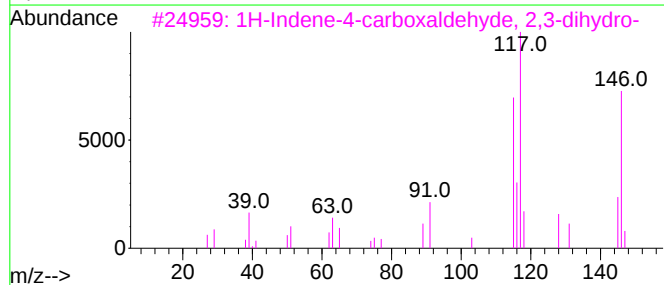
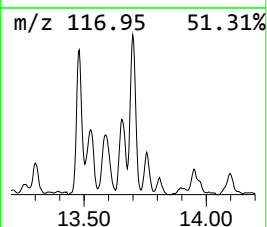
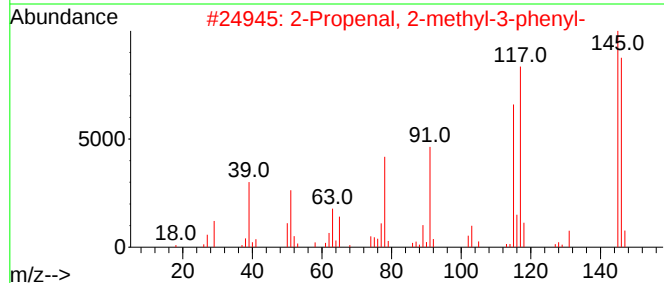
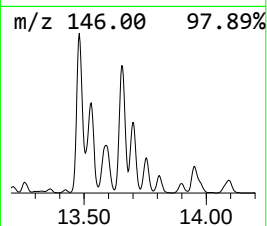
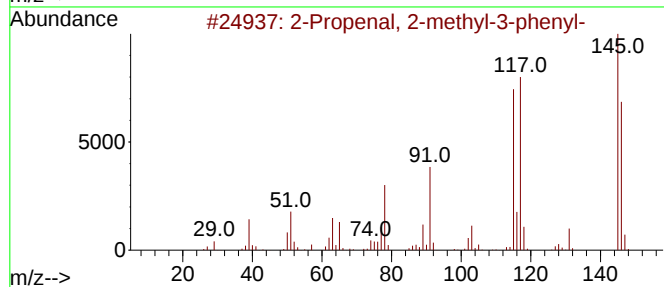
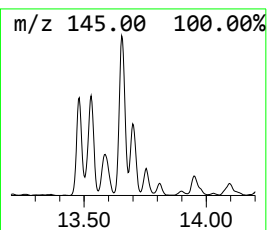
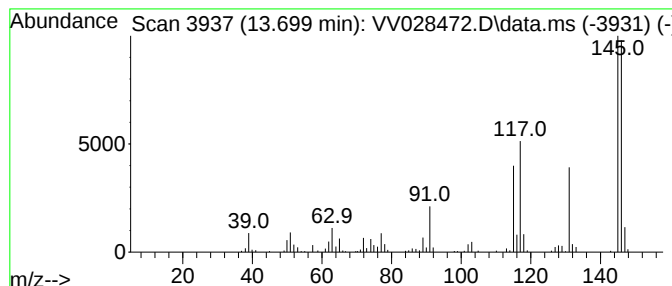
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Quant Title : VOC Analysis

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

Peak Number 31 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.699	12.69 ug/L	282341	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	87
2			2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	87
3			1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	64
4			1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	64
5			2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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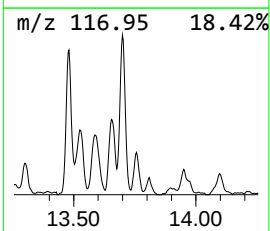
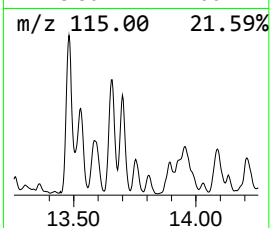
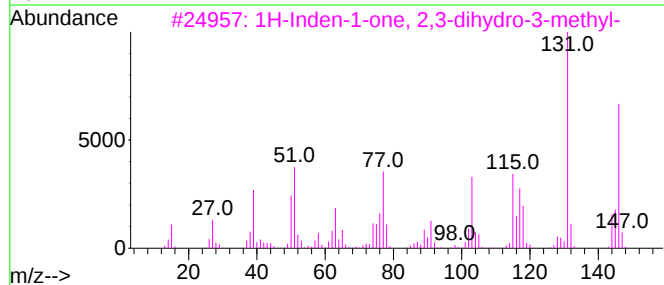
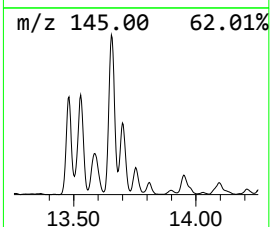
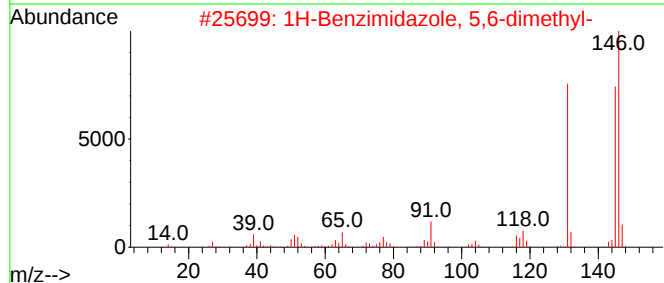
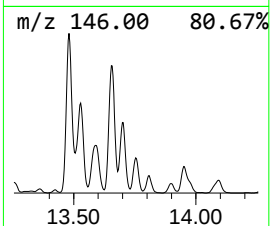
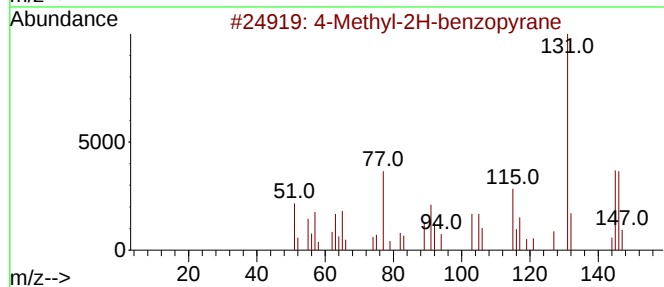
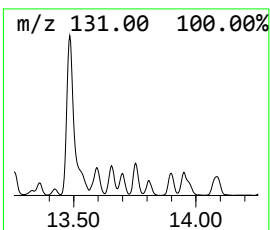
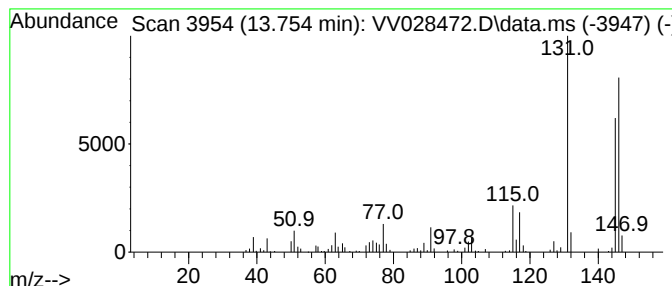
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Quant Title : VOC Analysis

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

Peak Number 32 4-Methyl-2H-benzopyrane Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.754	6.45 ug/L	143613	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	86
2			1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	83
3			1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	81
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	80
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

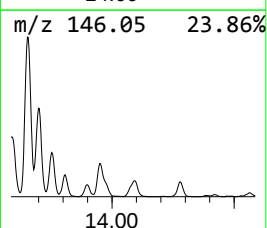
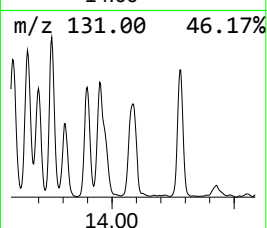
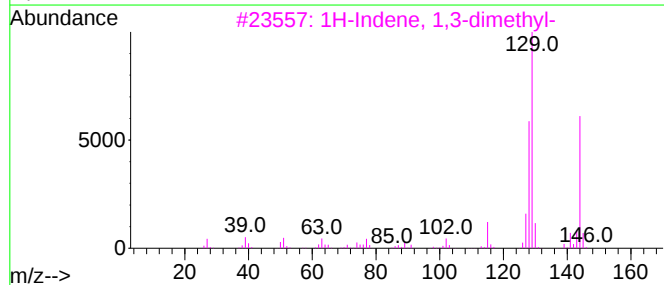
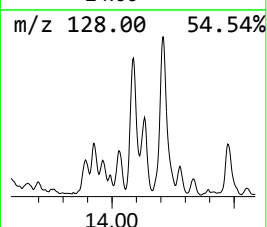
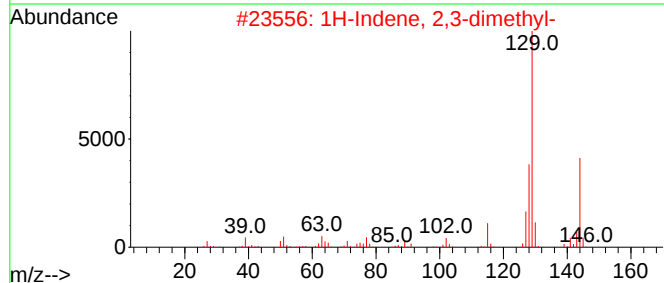
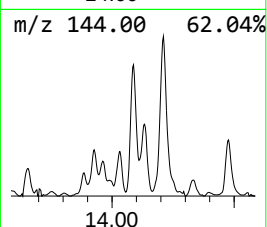
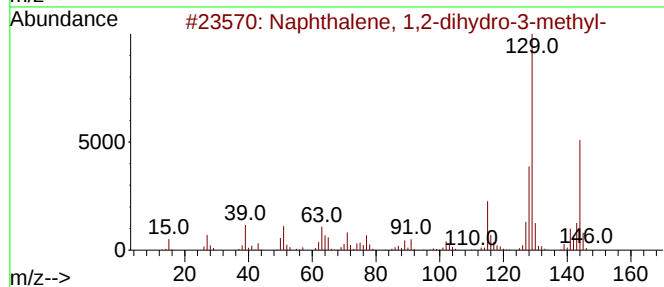
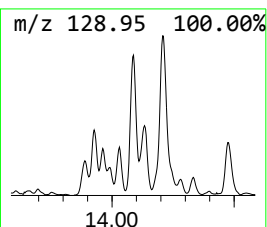
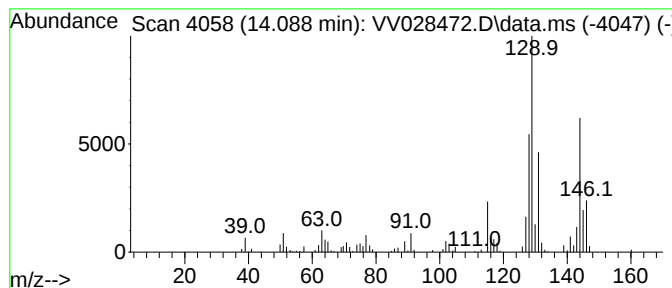
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Quant Title : VOC Analysis

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

Peak Number 35 Naphthalene, 1,2-dihydro-3-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.088	12.14 ug/L	270110	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	92
2			1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	89
3			1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	89
4			1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	89
5			1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

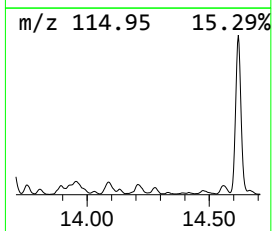
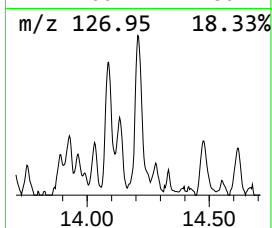
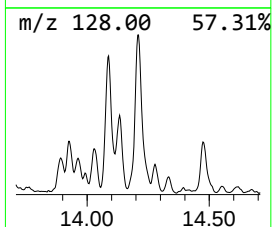
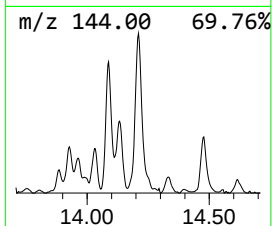
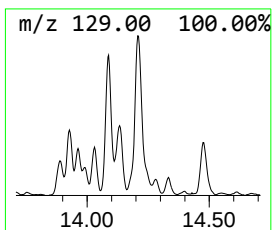
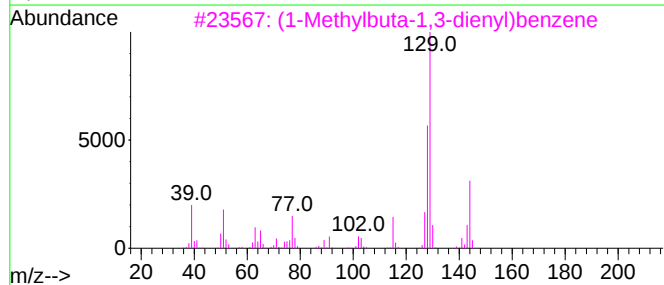
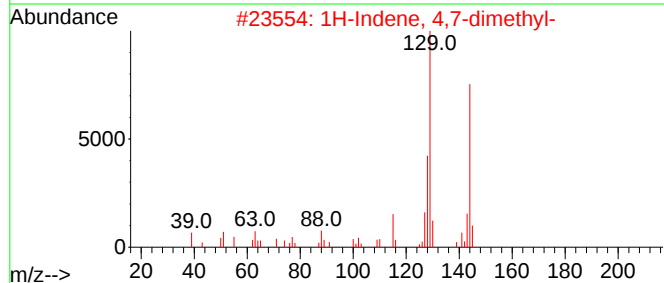
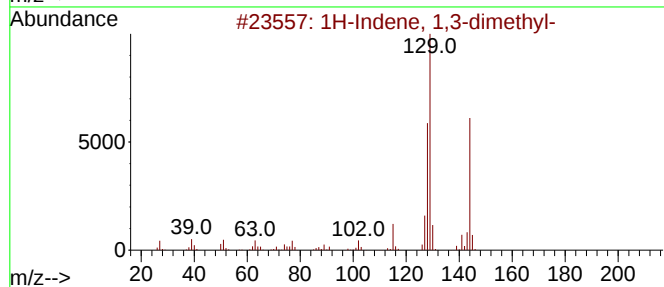
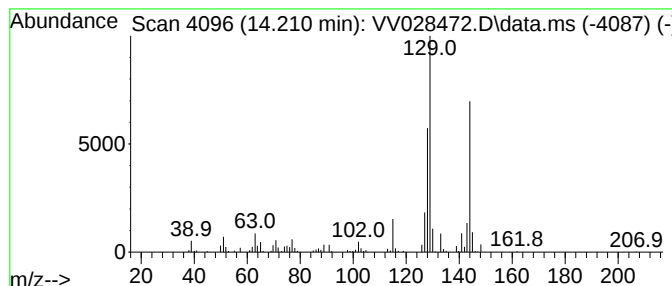
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Quant Title : VOC Analysis

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

Peak Number 36 1H-Indene, 1,3-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.210	9.02 ug/L	200720	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	96	
2	1H-Indene, 4,7-dimethyl-		144	C11H12	006974-97-6	91	
3	(1-Methylbuta-1,3-dienyl)benzene		144	C11H12	054758-36-0	90	
4	1H-Indene, 1,1-dimethyl-		144	C11H12	018636-55-0	90	
5	1H-Indene, 1,1-dimethyl-		144	C11H12	018636-55-0	87	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

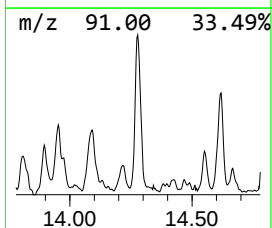
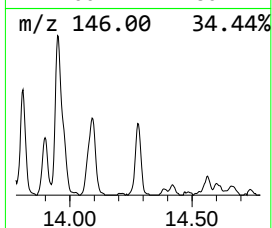
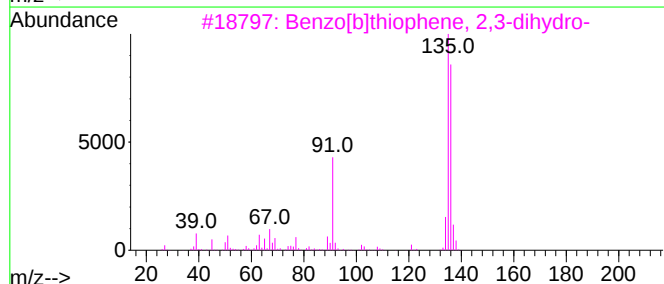
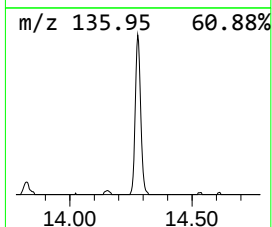
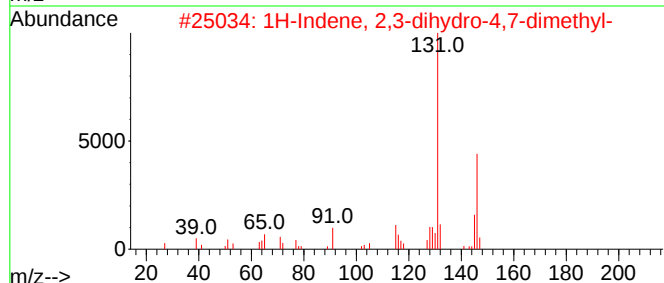
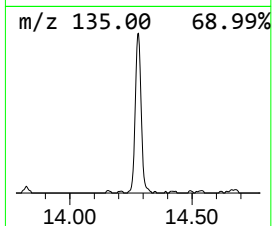
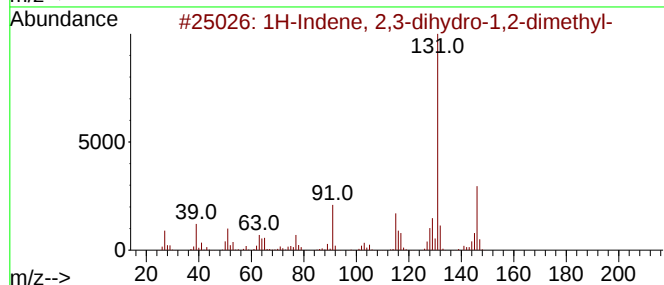
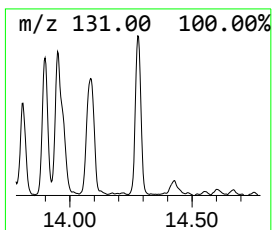
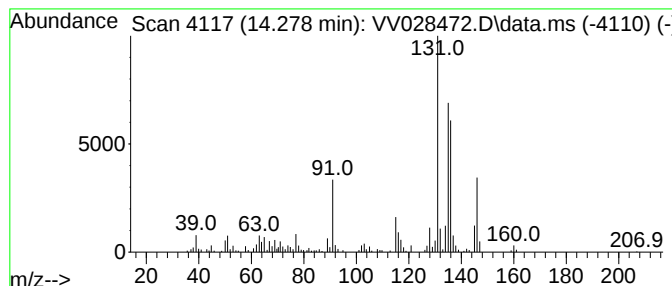
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Quant Title : VOC Analysis

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

Peak Number 37 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.278	7.41 ug/L	164834	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	78		
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	78		
3	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	70		
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60		
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	60		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

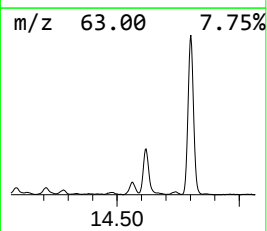
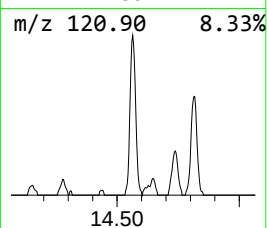
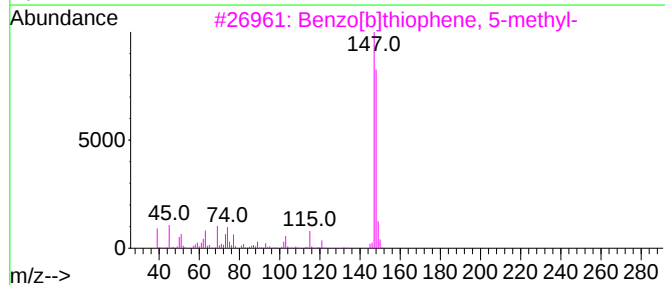
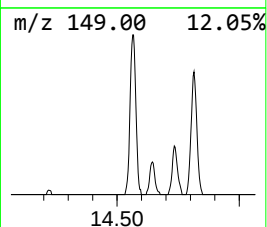
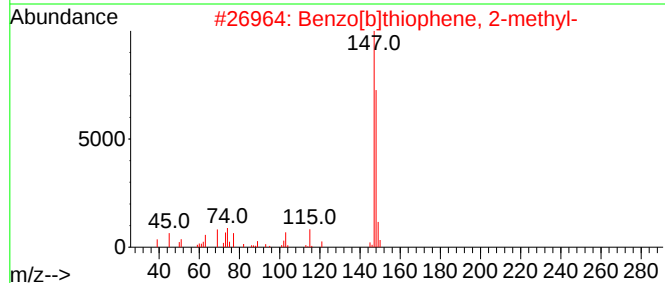
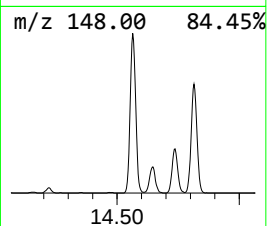
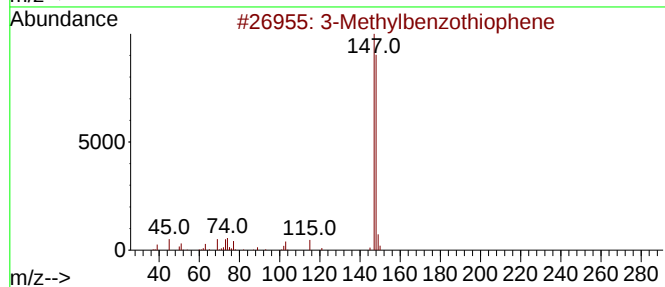
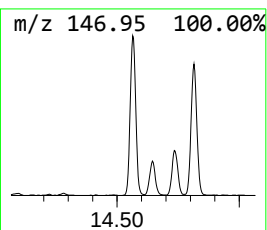
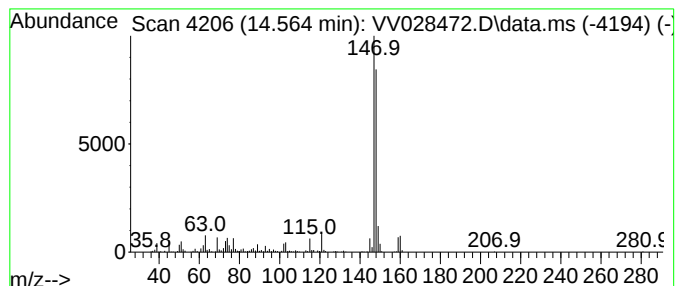
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Quant Title : VOC Analysis

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

Peak Number 39 3-Methylbenzothiophene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.564	17.03 ug/L	378912	1,4-Dichlorobenzene-d4	11.239

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

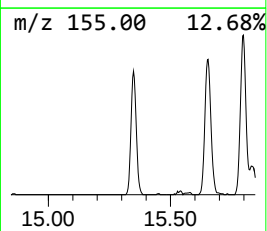
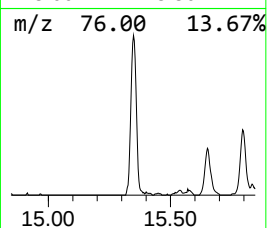
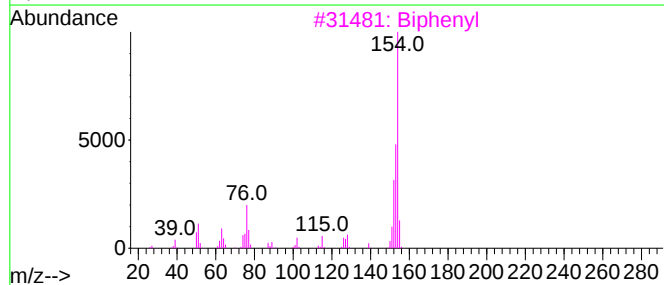
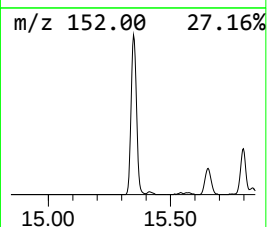
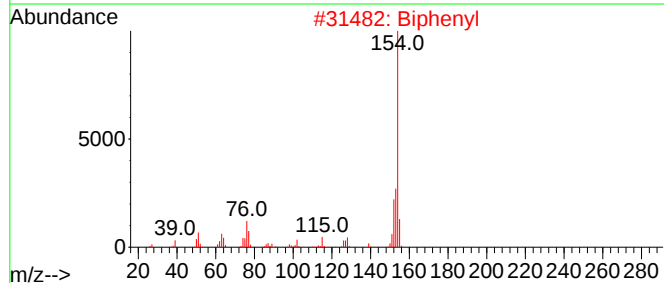
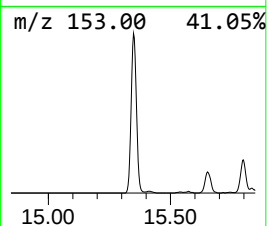
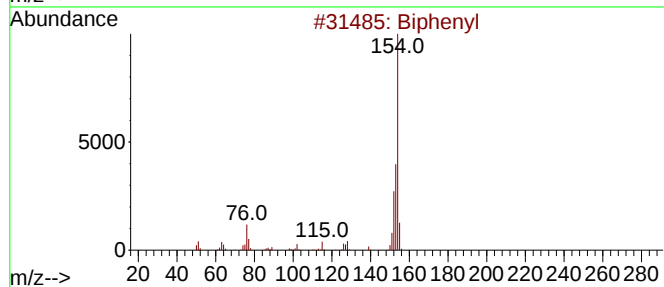
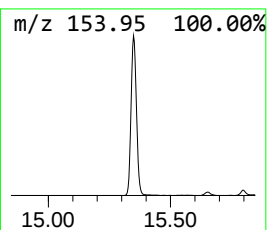
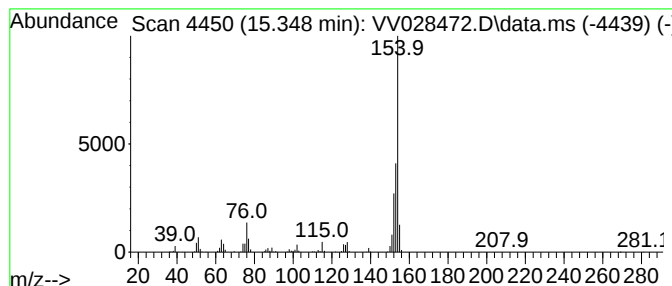
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Quant Title : VOC Analysis

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

Peak Number 43 Naphthalene, 2-ethenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.348	22.88 ug/L	509189	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			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
5			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

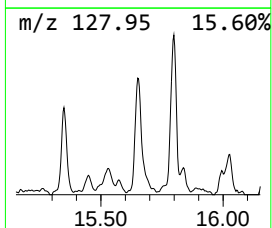
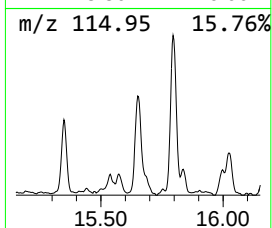
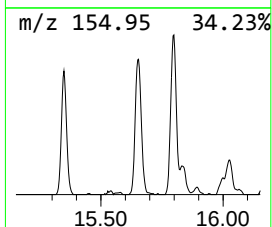
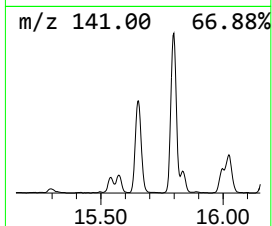
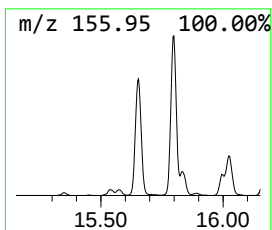
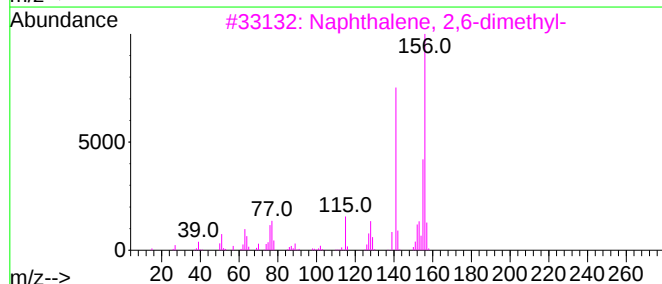
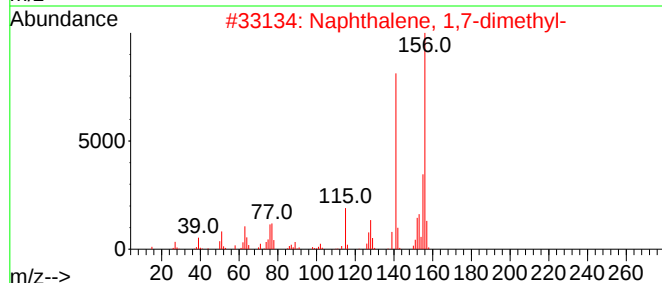
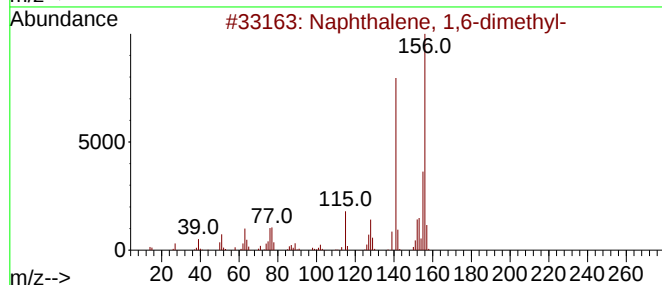
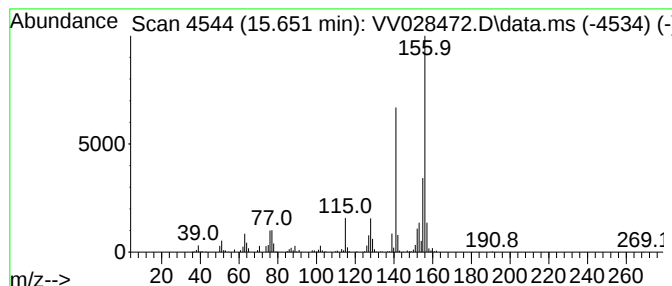
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Quant Title : VOC Analysis

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

Peak Number 45 Naphthalene, 1,6-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	16.94 ug/L	376843	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028472.D
Acq On : 09 Oct 2022 05:52
Operator : SY/MD
Sample : N4923-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10036

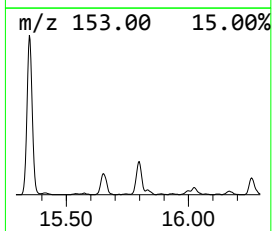
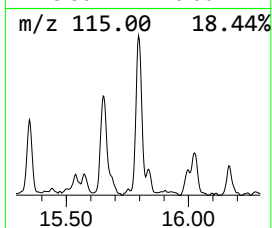
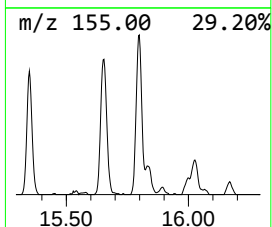
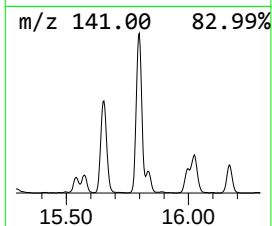
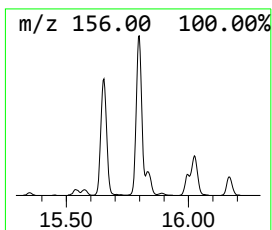
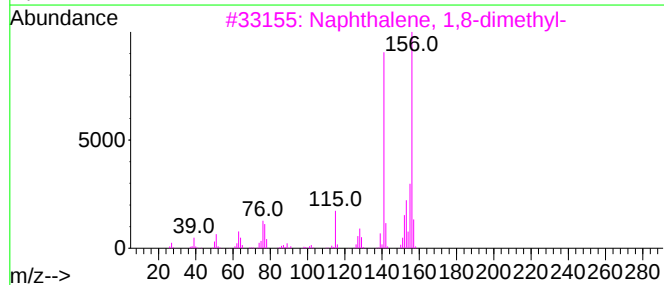
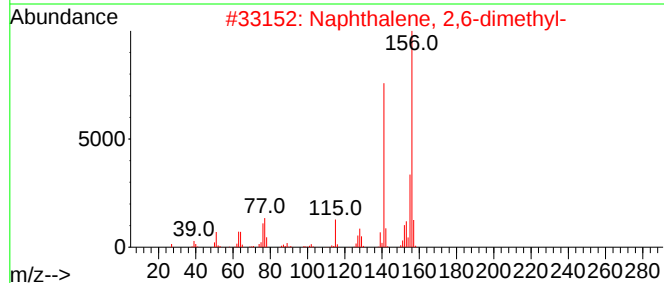
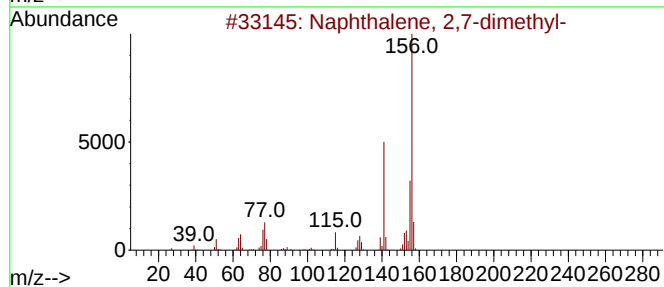
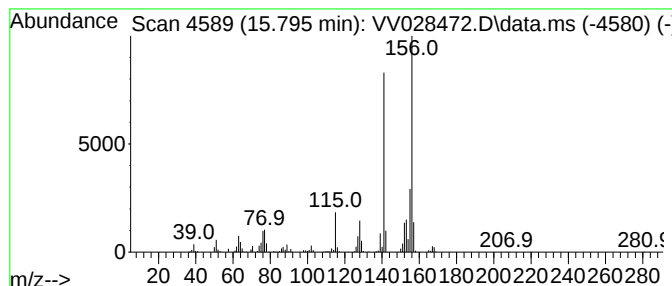
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Quant Title : VOC Analysis

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

Peak Number 46 Naphthalene, 2,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.795	19.31 ug/L	429627	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100822\
 Data File : VW028472.D
 Acq On : 09 Oct 2022 05:52
 Operator : SY/MD
 Sample : N4923-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10036

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	1.455	8.7	ug/L	151173	1	5.612	864408	50.0
Benzene, propyl-	10.345	10.3	ug/L	229688	3	11.239	1112540	50.0
Benzene, 1-ethy...	10.442	10.2	ug/L	226301	3	11.239	1112540	50.0
Benzene, 1-ethy...	10.728	17.7	ug/L	394189	3	11.239	1112540	50.0
Benzofuran	11.159	30.1	ug/L	669905	3	11.239	1112540	50.0
Benzene, 1,2,3-...	11.326	41.0	ug/L	911483	3	11.239	1112540	50.0
Indane	11.519	424.7	ug/L	9450430	3	11.239	1112540	50.0
Indene	11.734	594.4	ug/L	13226000	3	11.239	1112540	50.0
Benzene, 4-ethy...	12.008	11.6	ug/L	258665	3	11.239	1112540	50.0
Benzene, 1-ethe...	12.104	13.2	ug/L	293488	3	11.239	1112540	50.0
Benzofuran, 2-m...	12.349	84.3	ug/L	1875050	3	11.239	1112540	50.0
Benzene, 1-meth...	12.403	6.2	ug/L	137717	3	11.239	1112540	50.0
Benzofuran, 7-m...	12.451	190.1	ug/L	4229090	3	11.239	1112540	50.0
Cinnamaldehyde,...	12.532	25.4	ug/L	565005	3	11.239	1112540	50.0
1H-Indene, 2,3-...	12.712	53.0	ug/L	1178600	3	11.239	1112540	50.0
Benzene, 2-ethe...	12.873	49.9	ug/L	1109860	3	11.239	1112540	50.0
2-Methylindene	12.937	74.5	ug/L	1658840	3	11.239	1112540	50.0
Benzene, 1-buty...	13.043	100.5	ug/L	2235630	3	11.239	1112540	50.0
Azulene	13.490	870.6	ug/L	19371400	3	11.239	1112540	50.0
Benzo[c]thiophene	13.609	153.1	ug/L	3407560	3	11.239	1112540	50.0
2,3-Dimethyl-1H...	13.654	21.6	ug/L	479401	3	11.239	1112540	50.0
2-Propenal, 2-m...	13.699	12.7	ug/L	282341	3	11.239	1112540	50.0
4-Methyl-2H-ben...	13.754	6.5	ug/L	143613	3	11.239	1112540	50.0
Naphthalene, 1,...	14.088	12.1	ug/L	270110	3	11.239	1112540	50.0
1H-Indene, 1,3-...	14.210	9.0	ug/L	200720	3	11.239	1112540	50.0
1H-Indene, 2,3-...	14.278	7.4	ug/L	164834	3	11.239	1112540	50.0
3-Methylbenzoth...	14.564	17.0	ug/L	378912	3	11.239	1112540	50.0
Naphthalene, 2-...	15.348	22.9	ug/L	509189	3	11.239	1112540	50.0
Naphthalene, 1,...	15.651	16.9	ug/L	376843	3	11.239	1112540	50.0
Naphthalene, 2,...	15.795	19.3	ug/L	429627	3	11.239	1112540	50.0