

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
 Data File : VV022076.D
 Acq On : 02 Sep 2021 15:22
 Operator : SY/MD
 Sample : M3608-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKL5

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\SFAMVLM082721WMA.M

Title : VOC Analysis

Signal : TIC: VV022076.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	74	82	98	rVB	153376	162746	0.24%	0.096%
2	1.561	154	162	173	rBV	131274	145958	0.21%	0.087%
3	2.105	320	331	345	rBV	267412	390401	0.57%	0.231%
4	2.291	384	389	391	rBV3	1190	1281	0.00%	0.001%
5	2.426	428	431	434	rBV3	632	460	0.00%	0.000%
6	2.764	529	536	537	rBV2	1498	1397	0.00%	0.001%
7	2.966	594	599	605	rVB4	543	629	0.00%	0.000%
8	3.876	872	882	910	rBV	94987	253749	0.37%	0.150%
9	4.349	1012	1029	1060	rBV	184098	459883	0.67%	0.273%
10	4.551	1086	1092	1095	rBV4	498	448	0.00%	0.000%
11	4.677	1125	1131	1136	rBV5	826	958	0.00%	0.001%
12	5.047	1226	1246	1258	rBV2	464672	1187377	1.73%	0.704%
13	5.619	1408	1424	1454	rBV	376129	766532	1.12%	0.454%
14	5.918	1506	1517	1535	rVB7	5107	12115	0.02%	0.007%
15	6.072	1550	1565	1597	rBV	258870	530577	0.77%	0.315%
16	6.989	1839	1850	1876	rBV	146054	265081	0.39%	0.157%
17	7.249	1926	1931	1936	rVB4	991	1146	0.00%	0.001%
18	7.317	1939	1952	1965	rBV	567947	977390	1.42%	0.579%
19	7.390	1965	1975	2001	rVB	663162	1132360	1.65%	0.671%
20	7.625	2038	2048	2065	rBV	98425	170519	0.25%	0.101%
21	7.792	2095	2100	2107	rVB4	726	952	0.00%	0.001%
22	7.927	2138	2142	2143	rBV2	1446	725	0.00%	0.000%
23	7.982	2154	2159	2165	rVB3	1262	1498	0.00%	0.001%
24	8.088	2182	2192	2219	rBV	319806	550445	0.80%	0.326%
25	8.853	2419	2430	2454	rBV	573560	927593	1.35%	0.550%
26	9.014	2468	2480	2505	rBV	2442131	3787614	5.52%	2.245%
27	9.140	2506	2519	2555	rVB	1879899	3029874	4.41%	1.796%
28	9.316	2565	2574	2590	rVB2	12106	21401	0.03%	0.013%
29	9.503	2623	2632	2633	rVV3	9338	9623	0.01%	0.006%
30	9.545	2634	2645	2679	rVV	1158330	1896619	2.76%	1.124%
31	9.783	2711	2719	2731	rBV5	6563	10457	0.02%	0.006%
32	9.934	2755	2766	2784	rBV	56185	90224	0.13%	0.053%
33	10.027	2789	2795	2808	rVB4	3501	5473	0.01%	0.003%
34	10.127	2816	2826	2835	rBV8	3291	5888	0.01%	0.003%
35	10.217	2838	2854	2868	rBV	386312	588646	0.86%	0.349%
36	10.358	2888	2898	2914	rVB	35421	58625	0.09%	0.035%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
 Data File : VV022076.D
 Acq On : 02 Sep 2021 15:22
 Operator : SY/MD
 Sample : M3608-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKL5

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\SFAMVLM082721WMA.M
 Title : VOC Analysis

37	10.448	2914	2926	2945	rBV	483225	994706	1.45%	0.590%
38	10.541	2945	2955	2972	rVB	366964	543356	0.79%	0.322%
39	10.664	2989	2993	2997	rBV4	1600	1894	0.00%	0.001%
40	10.699	2997	3004	3008	rBV2	10012	13169	0.02%	0.008%
41	10.741	3008	3017	3024	rBV	154987	244020	0.36%	0.145%
42	10.834	3041	3046	3050	rVB7	919	890	0.00%	0.001%
43	10.857	3050	3053	3054	rBV2	975	514	0.00%	0.000%
44	10.914	3056	3071	3086	rBV	1093710	1644466	2.40%	0.975%
45	10.988	3086	3094	3099	rBV	52160	75141	0.11%	0.045%
46	11.088	3120	3125	3137	rVB5	10826	16573	0.02%	0.010%
47	11.168	3137	3150	3165	rBV	2350591	3611555	5.26%	2.141%
48	11.249	3165	3175	3192	rVV	679111	1077912	1.57%	0.639%
49	11.336	3192	3202	3215	rVV	436737	666196	0.97%	0.395%
50	11.400	3215	3222	3234	rVB	43252	62140	0.09%	0.037%
51	11.529	3249	3262	3276	rBV	4616116	6949665	10.12%	4.120%
52	11.625	3283	3292	3311	rVB2	632087	1114590	1.62%	0.661%
53	11.750	3316	3331	3347	rBV	13998459	21668554	31.57%	12.845%
54	11.914	3373	3382	3386	rBV	52986	81602	0.12%	0.048%
55	12.017	3404	3414	3419	rBV	112816	169474	0.25%	0.100%
56	12.117	3434	3445	3465	rBV	337606	538841	0.78%	0.319%
57	12.249	3478	3486	3497	rBV6	14838	31970	0.05%	0.019%
58	12.316	3497	3507	3511	rBV	33858	51854	0.08%	0.031%
59	12.361	3511	3521	3531	rVB	593887	873770	1.27%	0.518%
60	12.416	3531	3538	3543	rBV	79386	98436	0.14%	0.058%
61	12.464	3543	3553	3564	rBV2	1534079	2701741	3.94%	1.602%
62	12.725	3624	3634	3650	rVB	663069	983145	1.43%	0.583%
63	12.885	3665	3684	3694	rBV2	1137884	1736029	2.53%	1.029%
64	12.950	3695	3704	3715	rVB	364392	556672	0.81%	0.330%
65	13.004	3717	3721	3723	rBV	4385	4111	0.01%	0.002%
66	13.049	3723	3735	3756	rVB3	2193301	3428290	4.99%	2.032%
67	13.156	3757	3768	3779	rBV4	44470	101445	0.15%	0.060%
68	13.220	3780	3788	3797	rVB2	59714	95517	0.14%	0.057%
69	13.275	3797	3805	3812	rBV5	56552	92194	0.13%	0.055%
70	13.381	3832	3838	3853	rVB5	57621	112740	0.16%	0.067%
71	13.519	3863	3881	3899	rBV2	36714593	68645494	100.00%	40.693%
72	13.625	3902	3914	3926	rBV	4030441	6171846	8.99%	3.659%
73	13.770	3953	3959	3969	rVB2	47667	69910	0.10%	0.041%
74	13.824	3970	3976	3991	rVB8	16719	31357	0.05%	0.019%
75	13.911	3992	4003	4014	rBV	81371	141398	0.21%	0.084%
76	14.094	4050	4060	4071	rBV5	91196	202186	0.29%	0.120%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
 Data File : VV022076.D
 Acq On : 02 Sep 2021 15:22
 Operator : SY/MD
 Sample : M3608-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKL5

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\SFAMVLM082721WMA.M
 Title : VOC Analysis

77	14.294	4114	4122	4136	rVB2	112541	197750	0.29%	0.117%
78	14.361	4138	4143	4151	rVB6	8648	12174	0.02%	0.007%
79	14.435	4159	4166	4177	rVB5	30642	52529	0.08%	0.031%
80	14.577	4200	4210	4218	rBV	350876	541161	0.79%	0.321%
81	14.631	4218	4227	4254	rVB	1230169	2122400	3.09%	1.258%
82	14.750	4254	4264	4273	rBV	187860	306917	0.45%	0.182%
83	14.818	4273	4285	4300	rVV	7385096	11470371	16.71%	6.800%
84	15.107	4370	4375	4387	rVB6	10116	14362	0.02%	0.009%
85	15.310	4430	4438	4441	rBV2	17638	23076	0.03%	0.014%
86	15.364	4443	4455	4467	rVB	1287384	1930163	2.81%	1.144%
87	15.551	4496	4513	4521	rBV	339488	578620	0.84%	0.343%
88	15.667	4538	4549	4574	rVB	581326	1074953	1.57%	0.637%
89	15.773	4574	4582	4584	rVV3	20232	24530	0.04%	0.015%
90	15.811	4584	4594	4601	rVV	801075	1256599	1.83%	0.745%
91	15.850	4602	4606	4620	rVB	396317	538740	0.78%	0.319%
92	15.930	4626	4631	4646	rVB3	13355	24709	0.04%	0.015%
93	16.040	4647	4665	4685	rVB	184511	440834	0.64%	0.261%
94	16.181	4699	4709	4724	rBV	101950	164030	0.24%	0.097%
95	16.281	4728	4740	4756	rBV3	107335	227302	0.33%	0.135%
96	16.387	4765	4773	4782	rVB2	20913	31997	0.05%	0.019%
97	16.487	4792	4804	4826	rBV	2489894	3856523	5.62%	2.286%
98	16.663	4852	4859	4871	rBV3	30040	50739	0.07%	0.030%
99	16.786	4885	4897	4917	rVB	320401	516841	0.75%	0.306%
100	17.390	5075	5085	5099	rBV	107866	182616	0.27%	0.108%

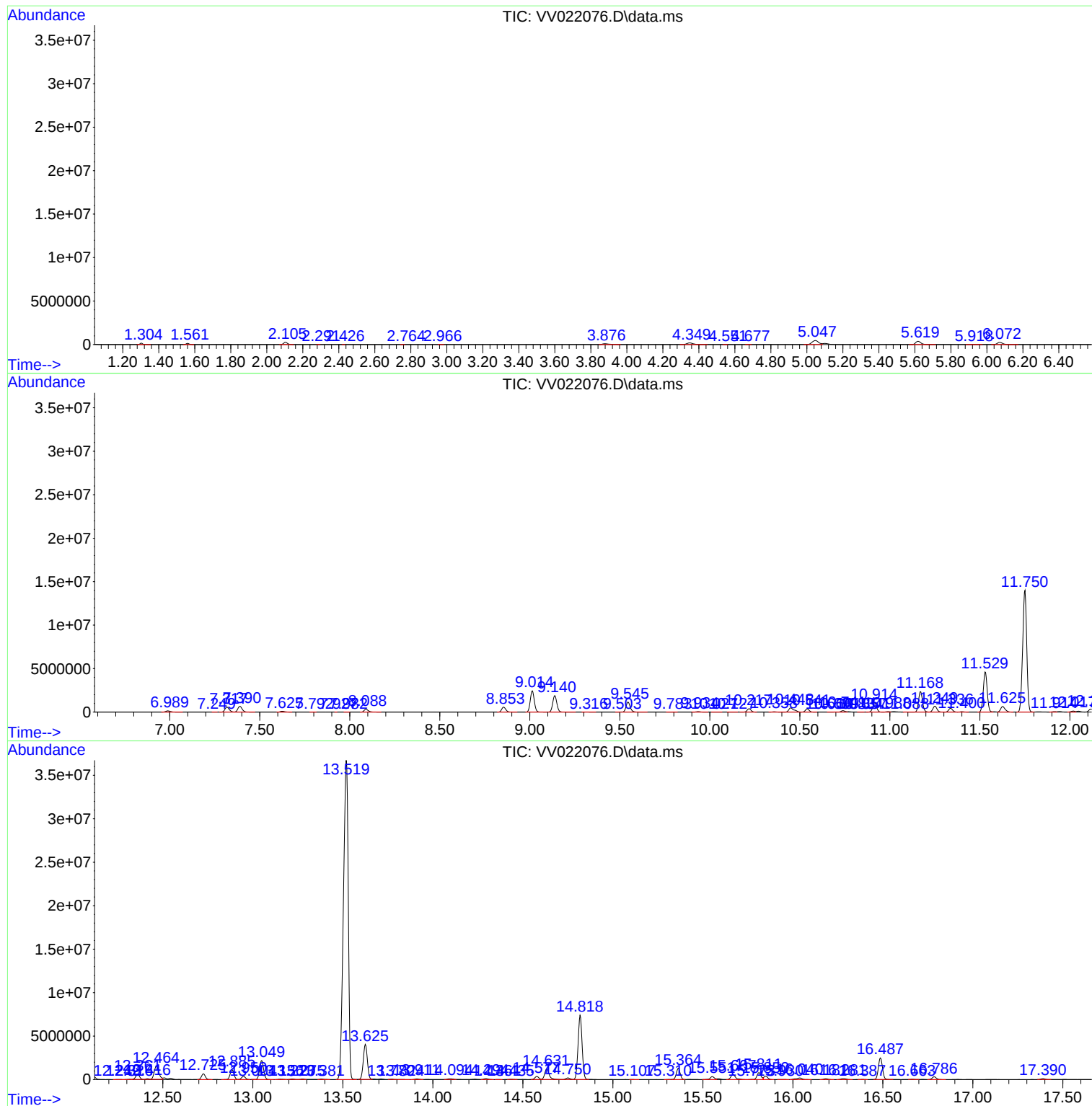
Sum of corrected areas: 168691963

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

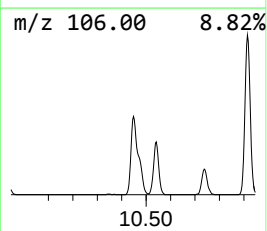
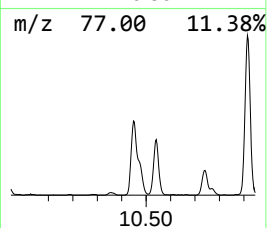
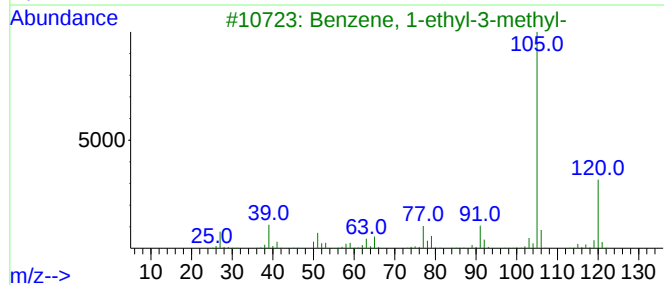
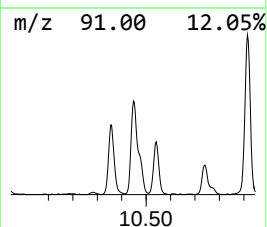
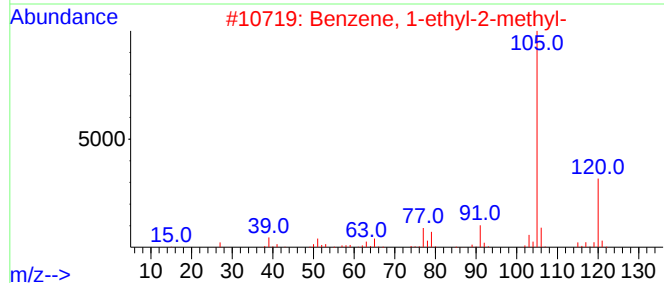
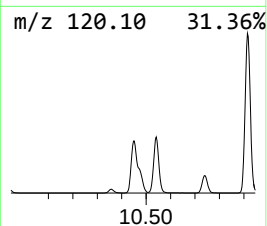
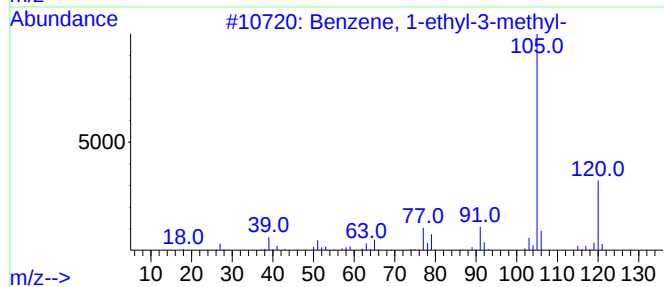
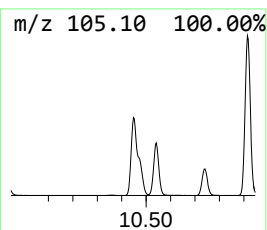
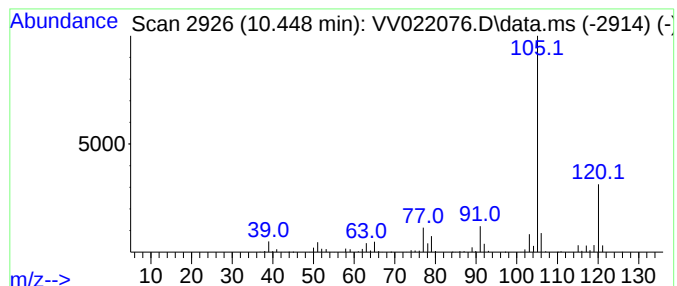
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.448	46.14 ug/L	994706	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
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			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

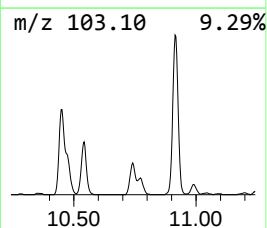
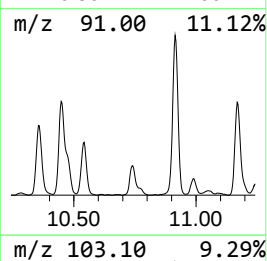
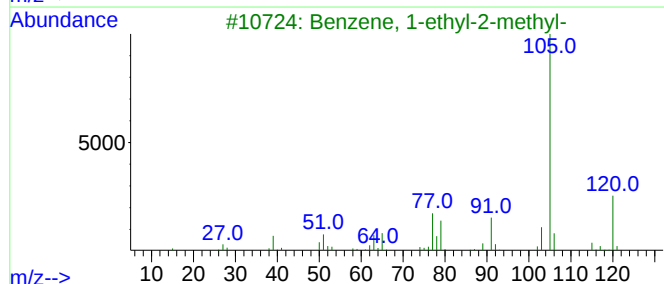
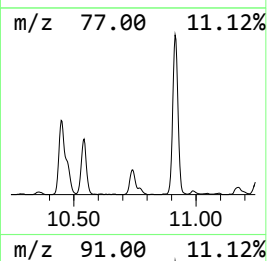
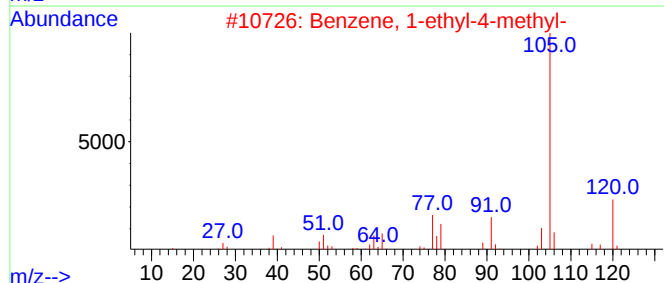
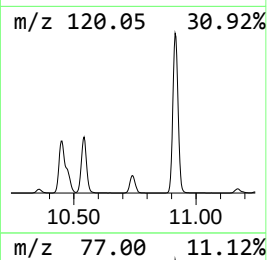
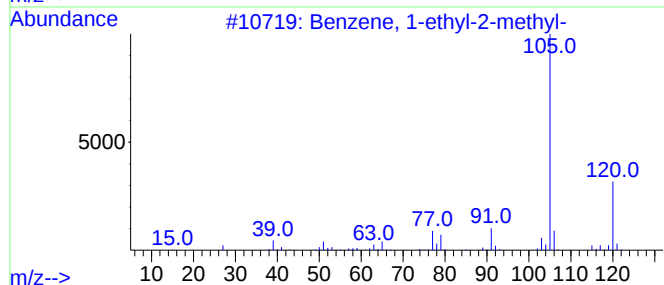
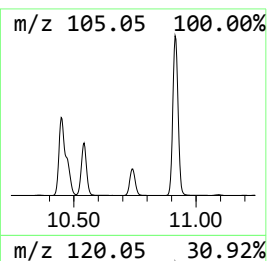
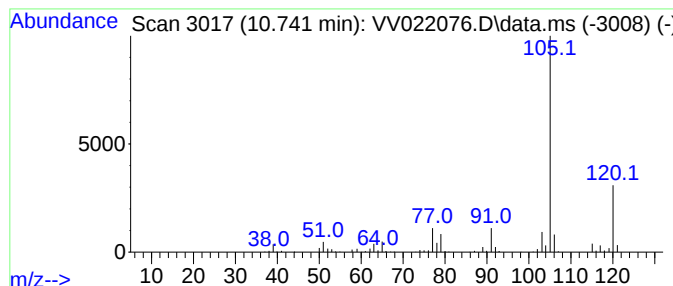
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.741	11.32 ug/L	244020	1,4-Dichlorobenzene-d4	11.252

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-4-methyl-	120	C9H12	000622-96-8	93
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

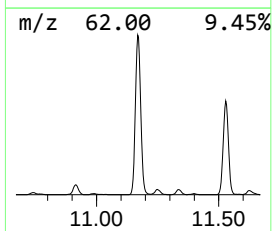
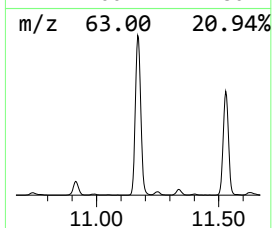
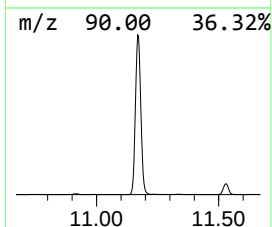
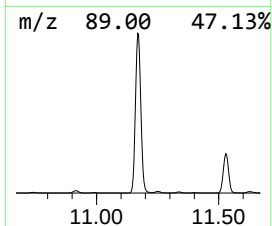
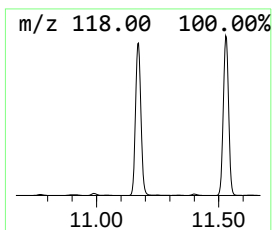
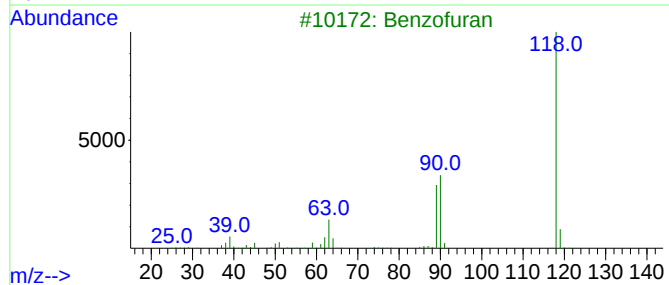
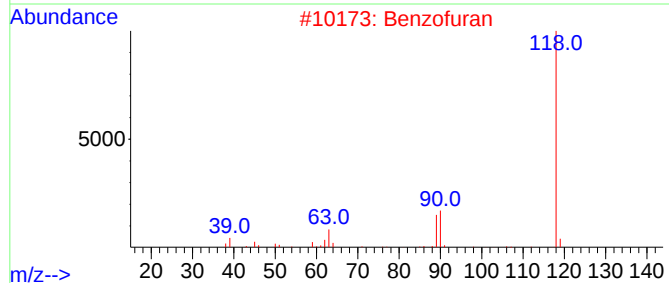
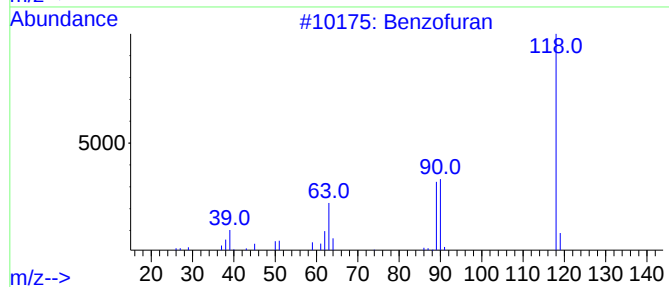
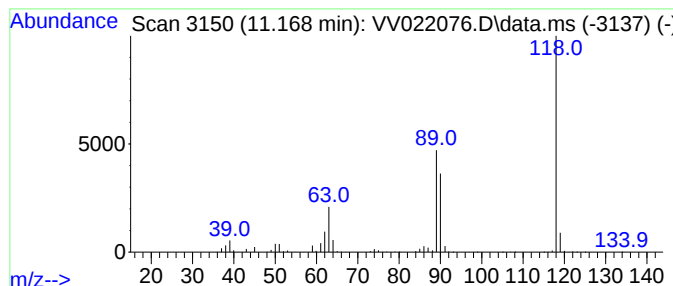
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 6 Benzofuran Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.169	167.53 ug/L	3611560	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran	118	C8H6O	000271-89-6	96
2			Benzofuran	118	C8H6O	000271-89-6	91
3			Benzofuran	118	C8H6O	000271-89-6	90
4			Benzofuran	118	C8H6O	000271-89-6	86
5			2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

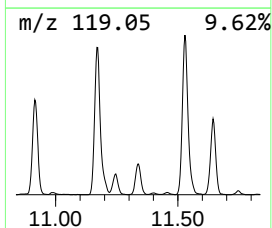
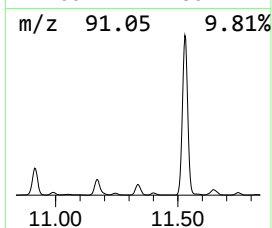
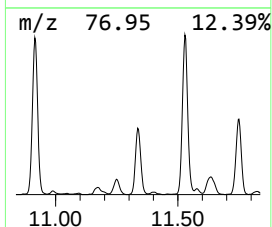
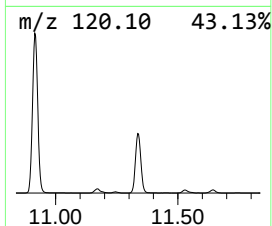
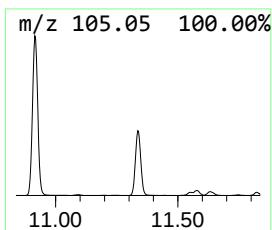
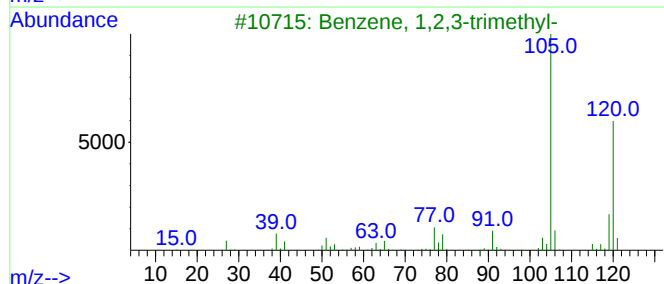
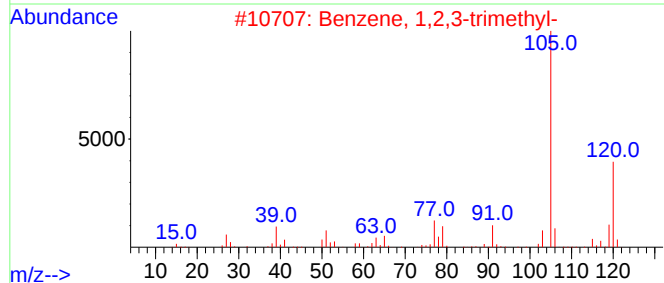
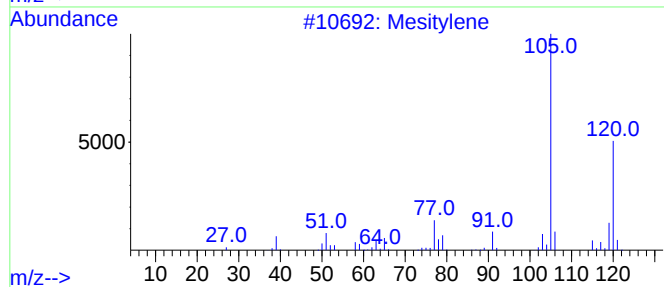
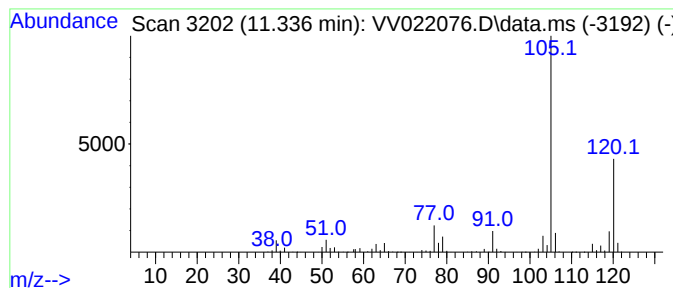
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.336	30.90 ug/L	666196	1,4-Dichlorobenzene-d4	11.252

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			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4			Mesitylene	120	C9H12	000108-67-8	93
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

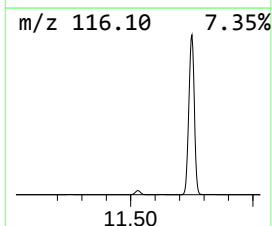
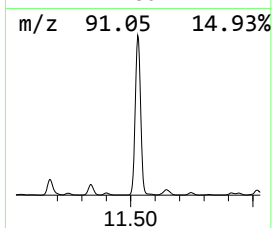
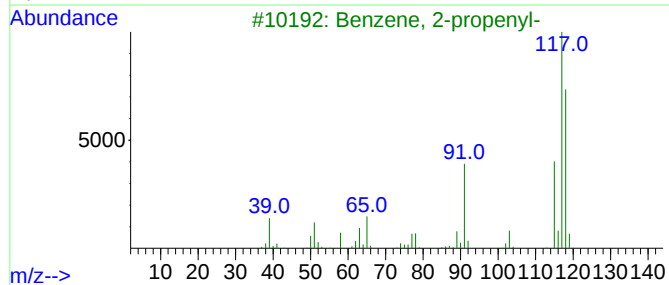
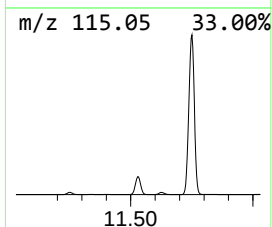
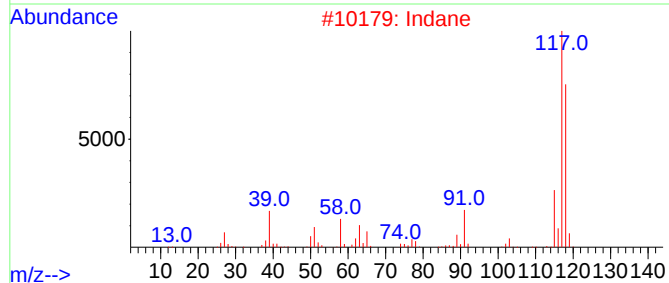
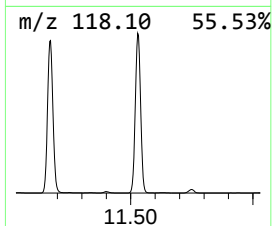
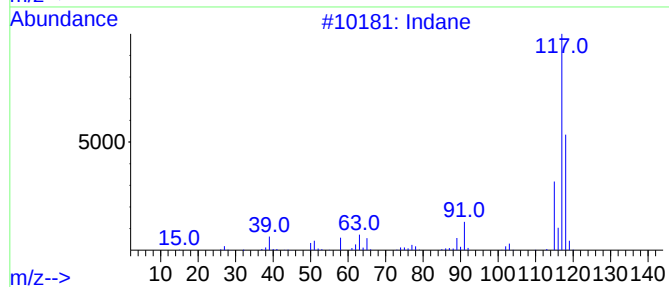
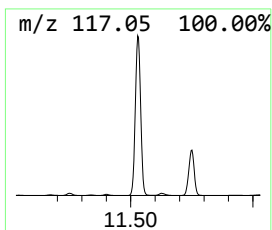
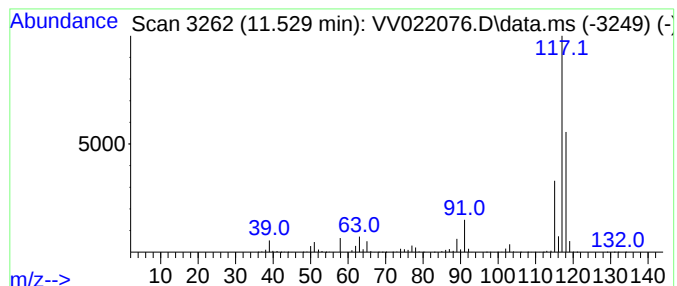
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 9 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.529	322.37 ug/L	6949670	1,4-Dichlorobenzene-d4	11.252

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	Benzene, 2-propenyl-			118	C9H10	000300-57-2	64
4	Indane			118	C9H10	000496-11-7	64
5	Benzene, 1-ethenyl-4-methyl-			118	C9H10	000622-97-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

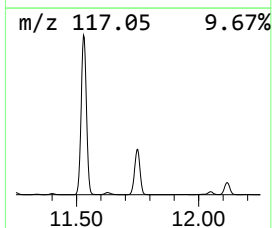
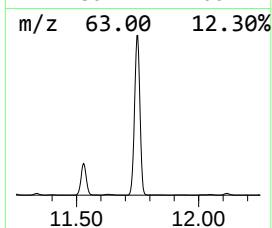
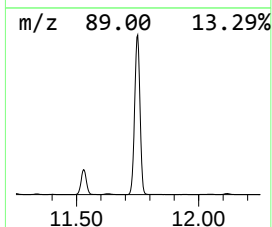
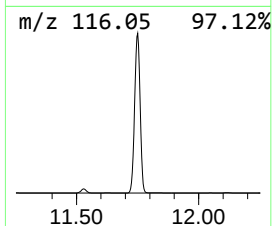
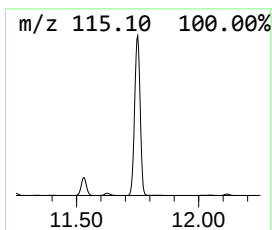
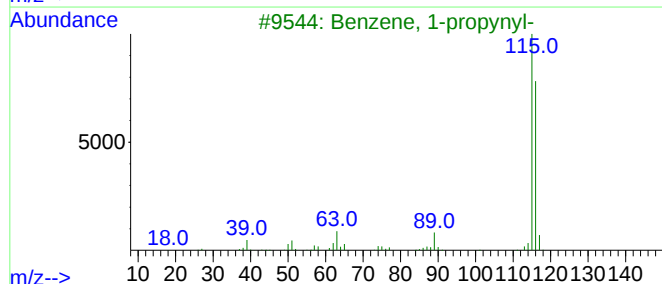
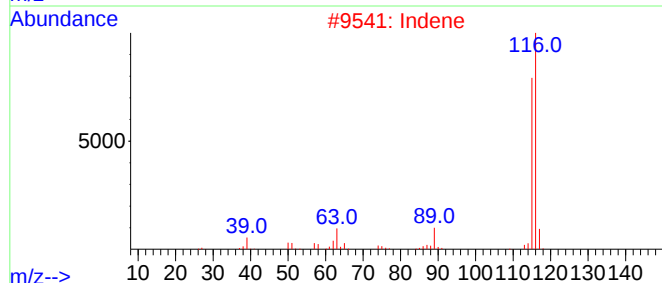
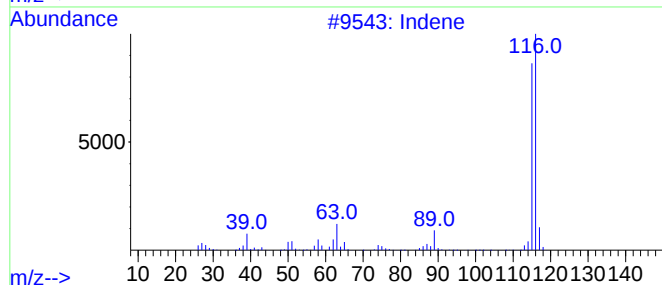
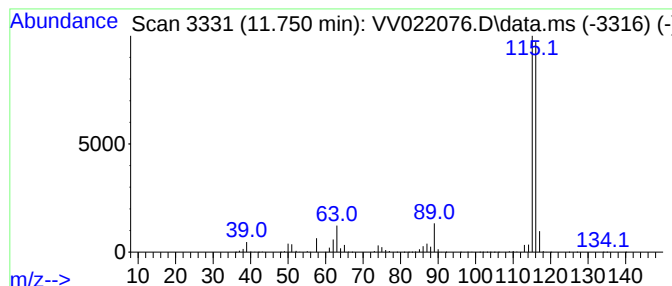
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 10 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.751	1005.12 ug/L	21668600	1,4-Dichlorobenzene-d4	11.252

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			Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5			3-Methylphenylacetylene	116	C9H8	000766-82-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

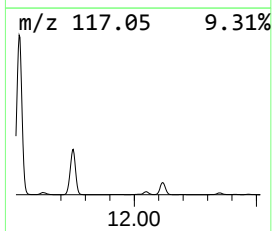
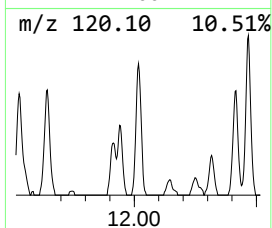
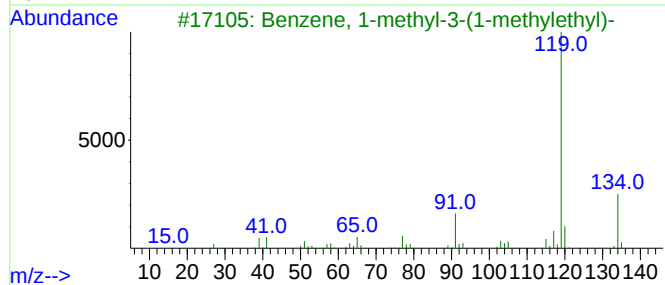
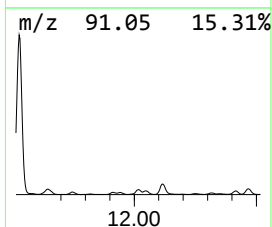
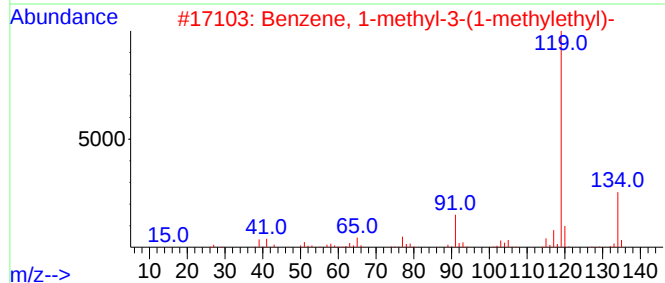
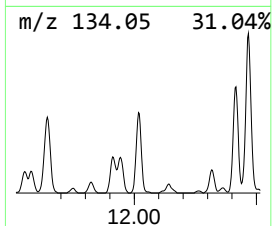
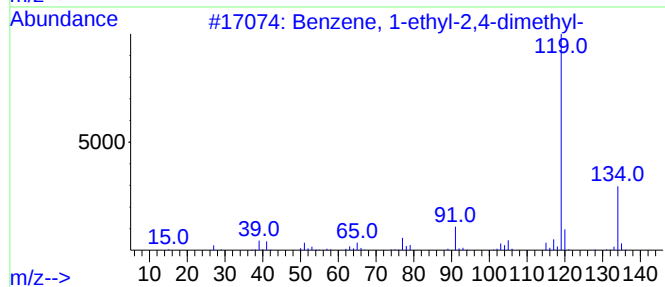
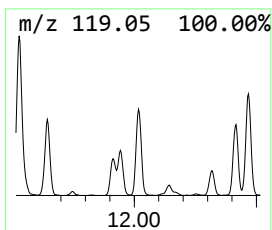
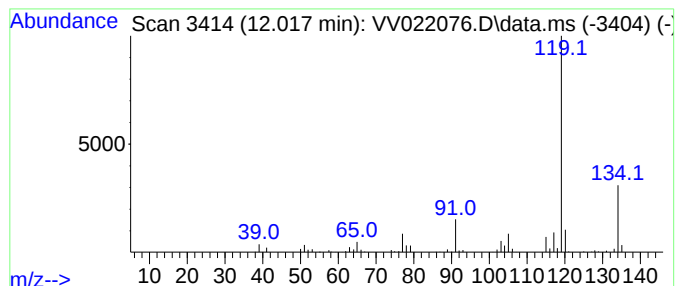
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.017	7.86 ug/L	169474	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

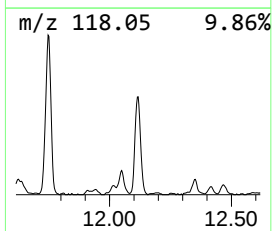
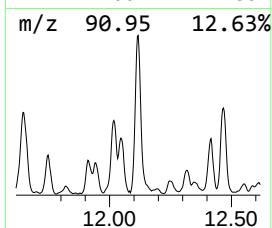
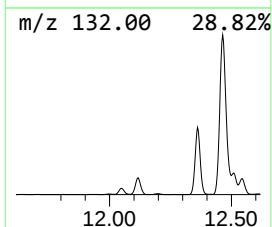
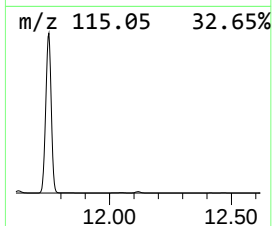
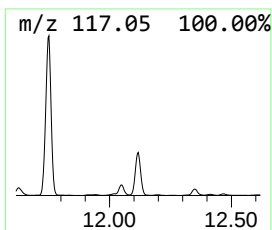
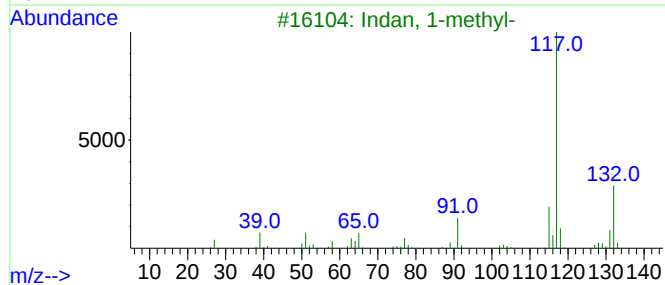
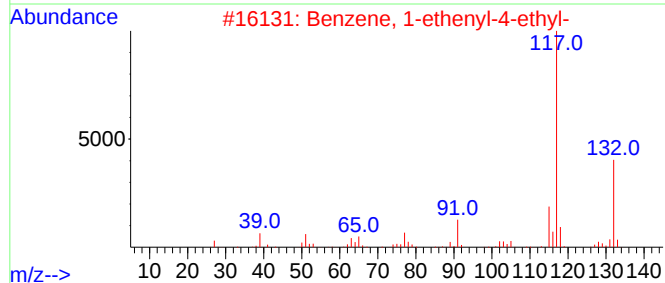
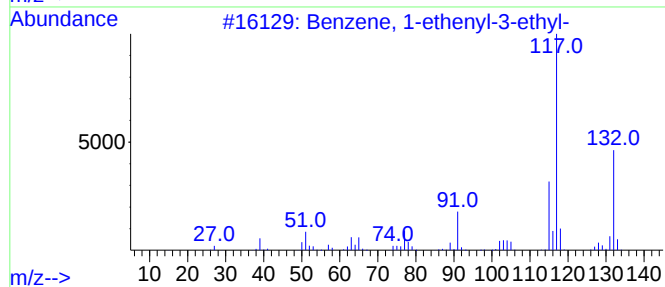
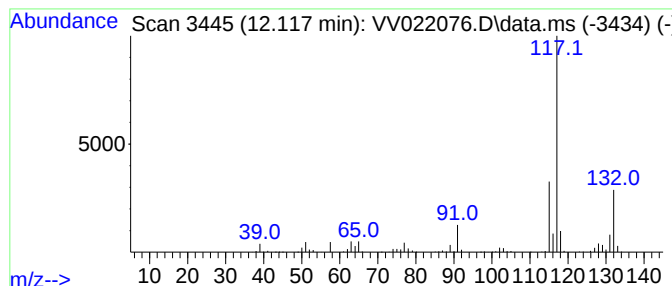
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.117	24.99 ug/L	538841	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
3			Indan, 1-methyl-	132	C10H12	000767-58-8	90
4			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90
5			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

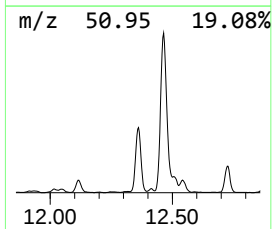
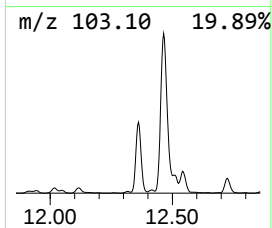
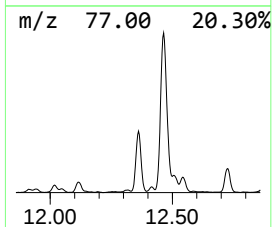
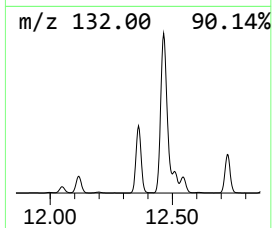
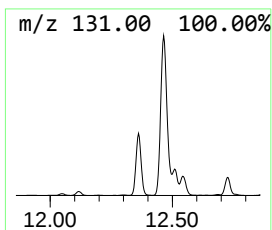
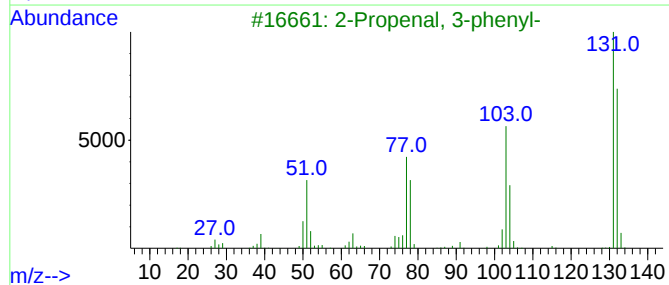
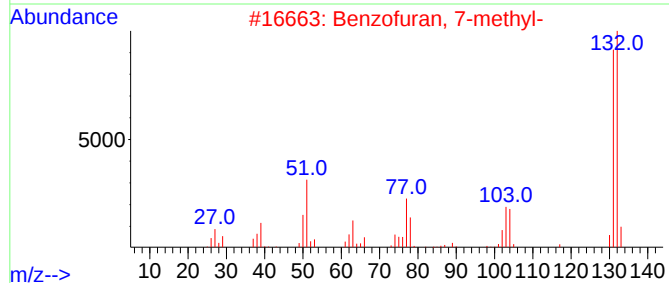
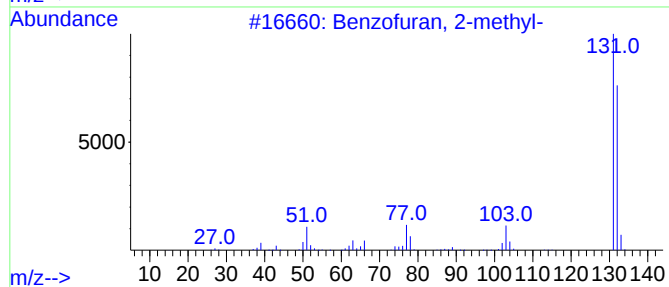
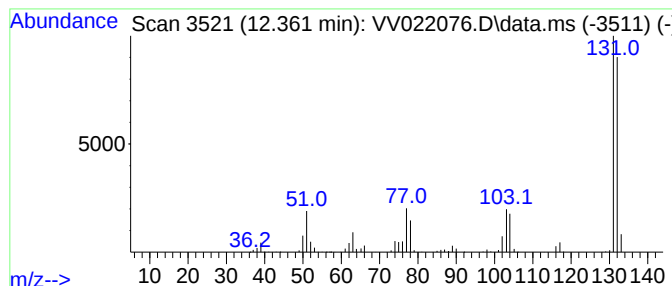
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 14 Benzofuran, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	40.53 ug/L	873770	1,4-Dichlorobenzene-d4	11.252

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			2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
4			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5			3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

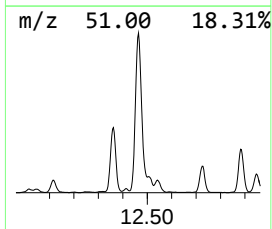
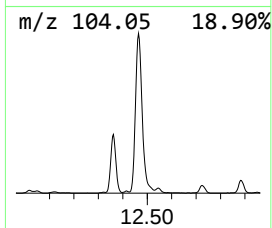
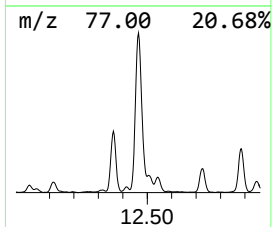
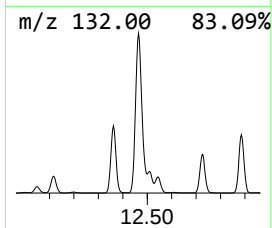
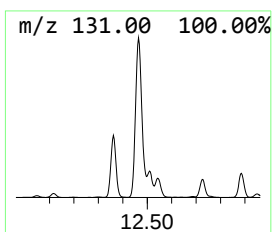
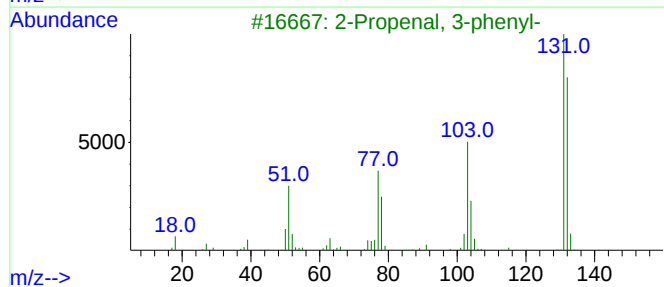
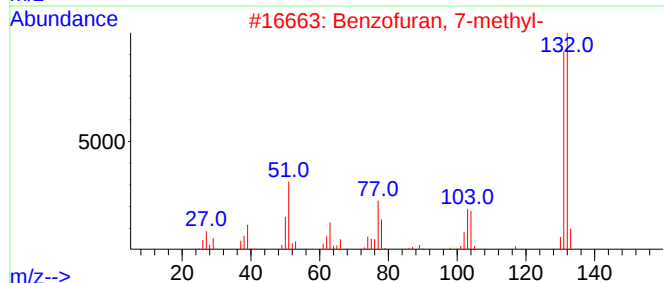
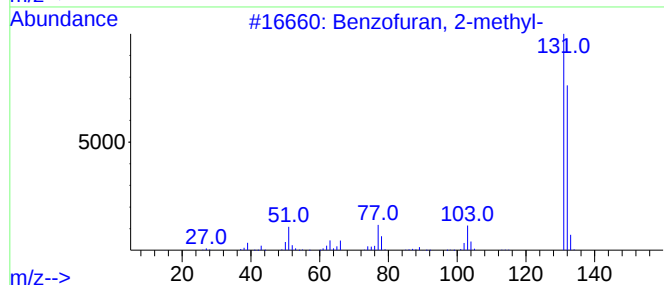
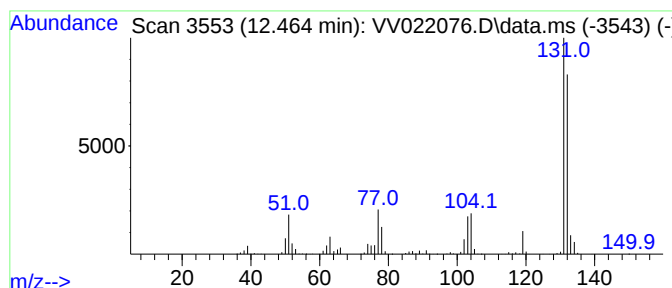
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 16 Benzofuran, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	125.32 ug/L	2701740	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
2			Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	93
3			2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
4			3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

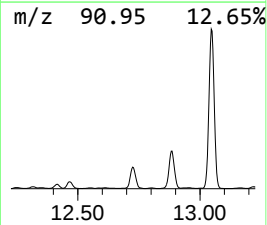
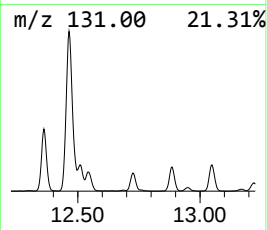
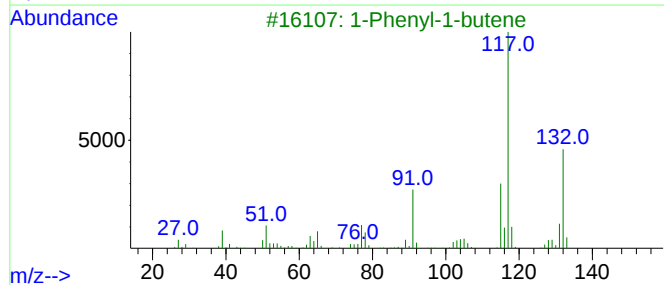
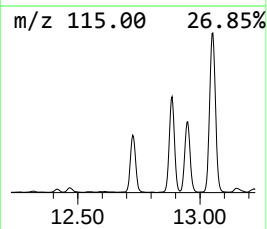
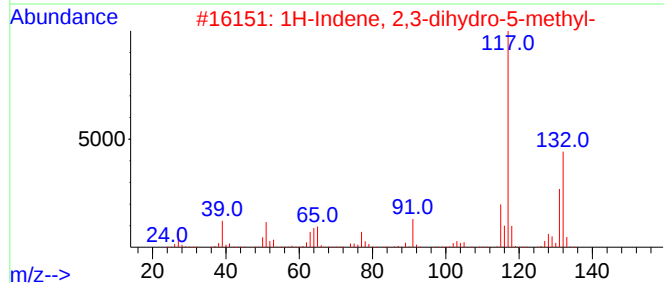
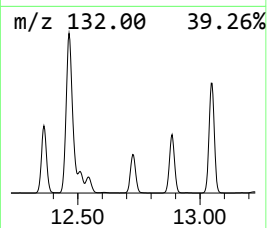
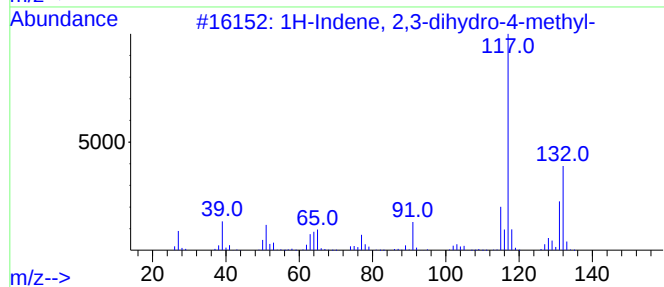
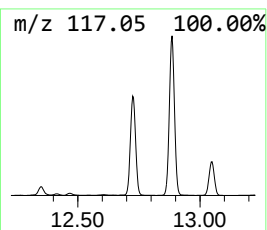
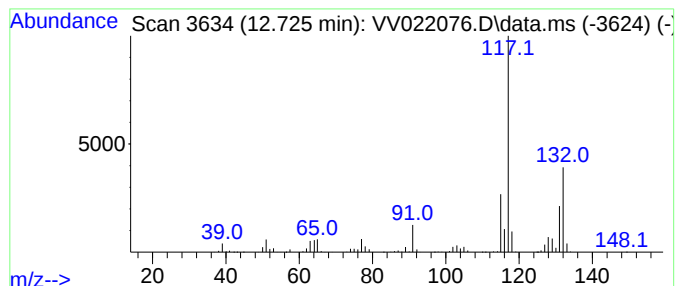
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 17 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.725	45.60 ug/L	983145	1,4-Dichlorobenzene-d4	11.252

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

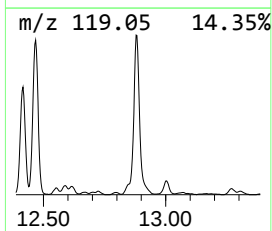
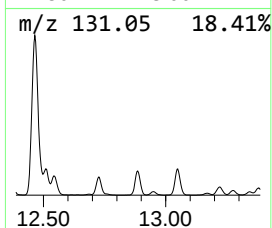
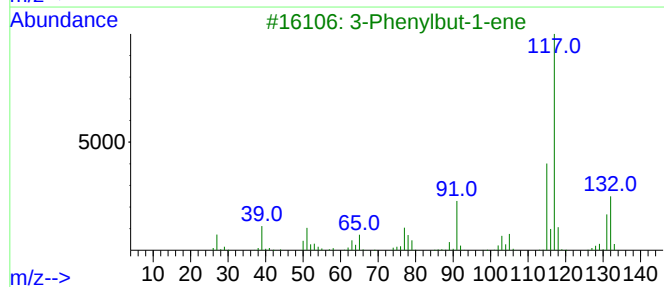
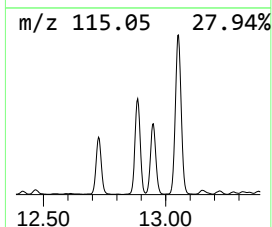
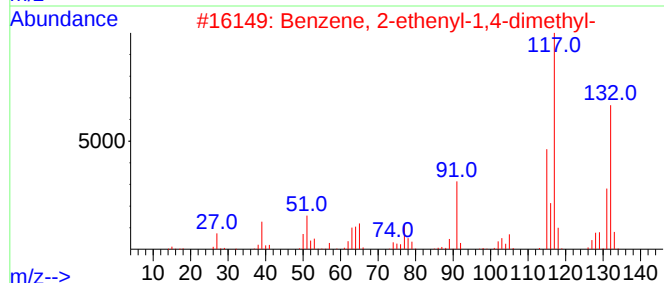
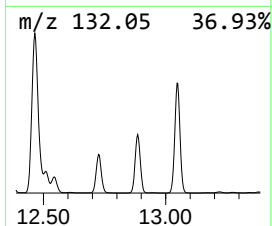
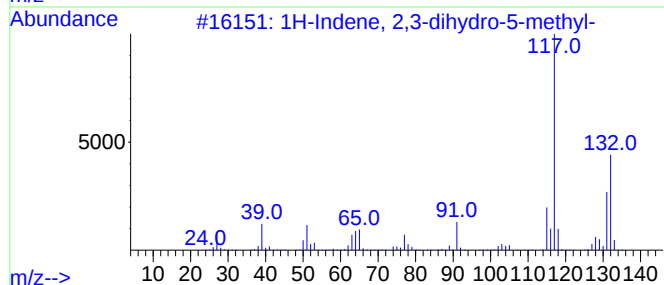
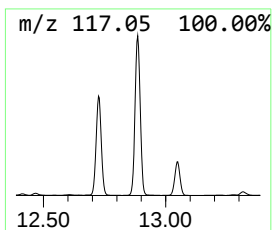
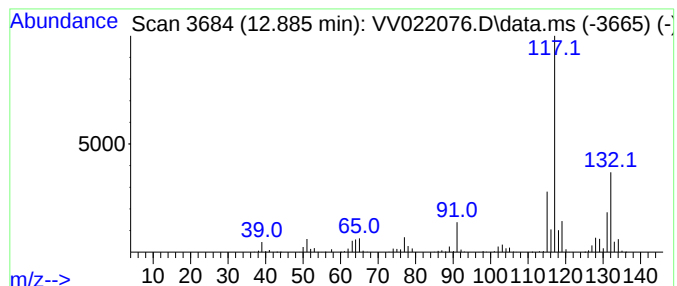
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 18 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	80.53 ug/L	1736030	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4			Indan, 1-methyl-	132	C10H12	000767-58-8	90
5			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

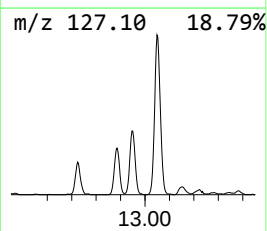
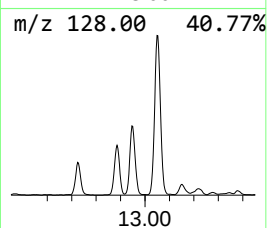
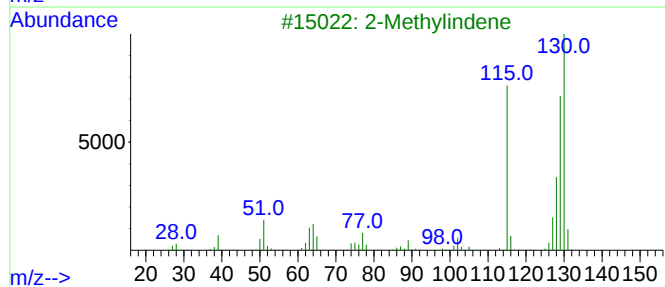
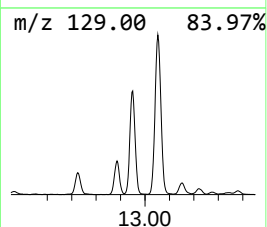
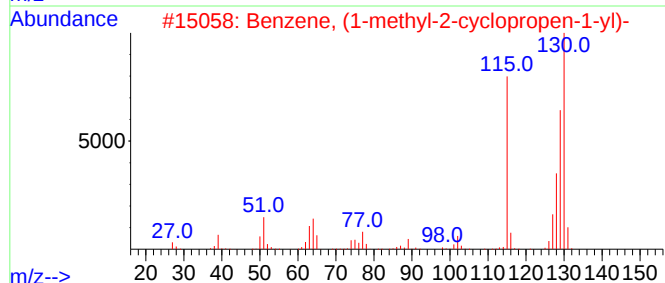
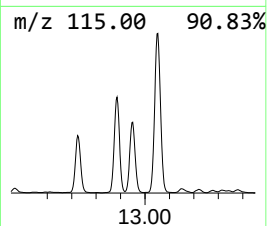
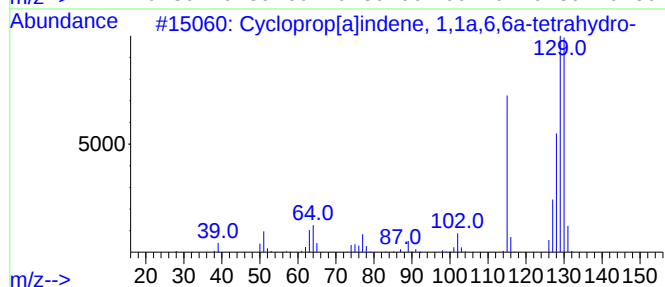
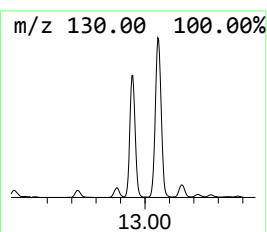
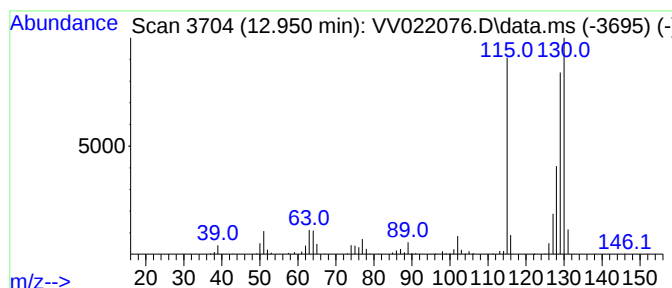
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 19 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.950	25.82 ug/L	556672	1,4-Dichlorobenzene-d4	11.252

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	96
2		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
3		2-Methylindene	130	C10H10	002177-47-1	95
4		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

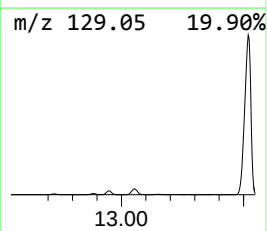
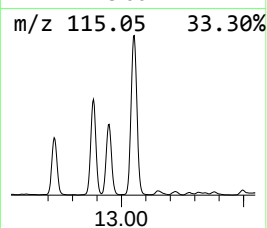
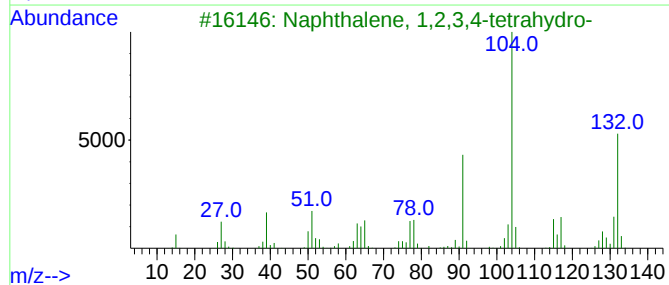
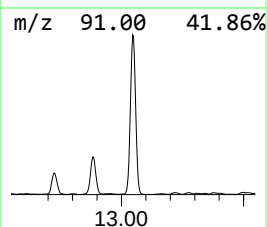
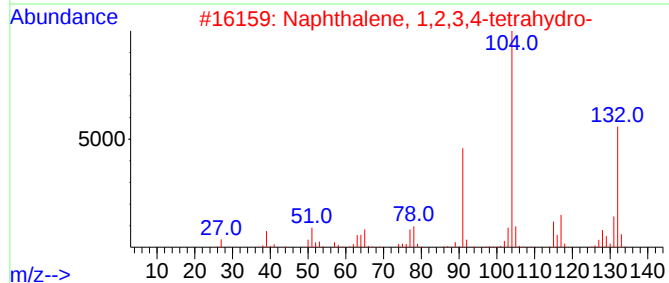
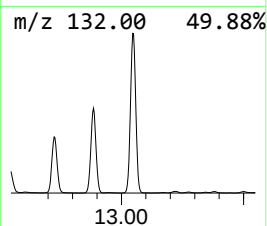
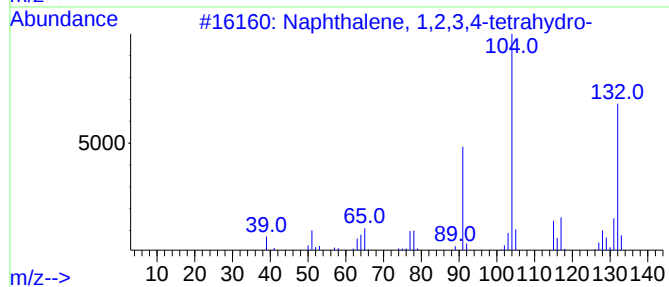
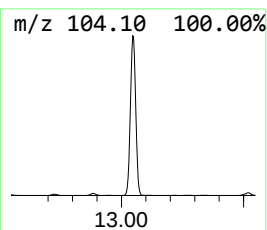
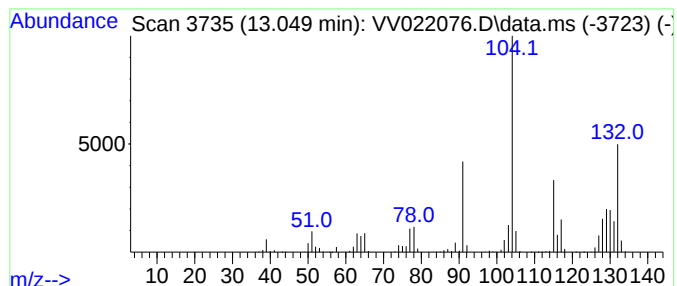
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 20 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.049	159.03 ug/L	3428290	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
5			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

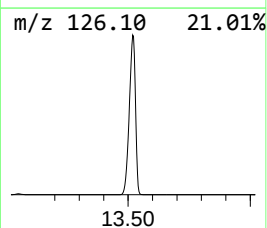
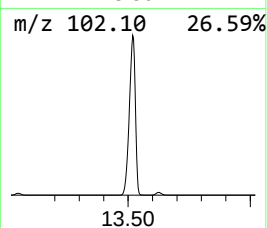
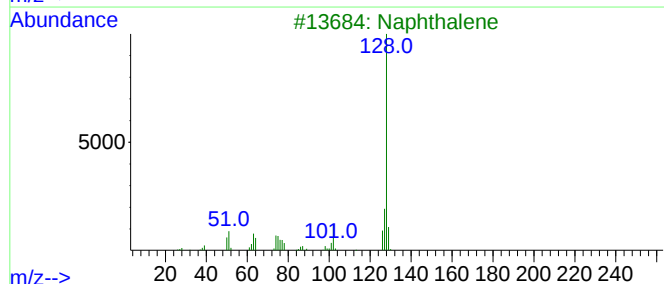
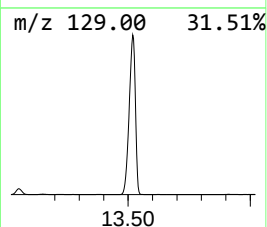
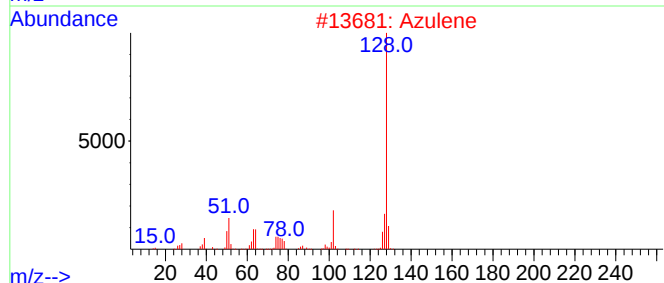
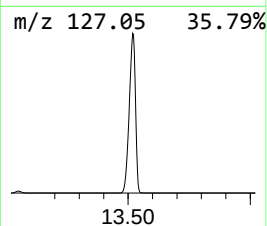
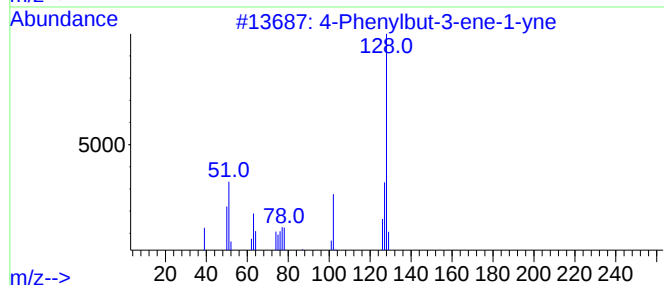
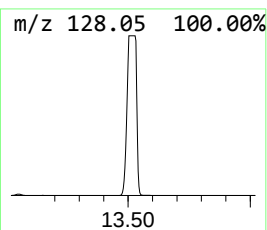
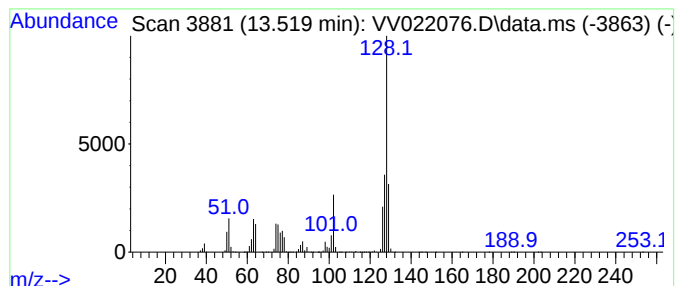
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 25 4-Phenylbut-3-ene-1-yne Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.519	3184.19 ug/L	68645500	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	89
2			Azulene	128	C10H8	000275-51-4	81
3			Naphthalene	128	C10H8	000091-20-3	81
4			Naphthalene	128	C10H8	000091-20-3	81
5			Azulene	128	C10H8	000275-51-4	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

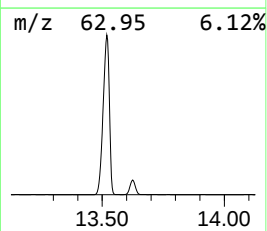
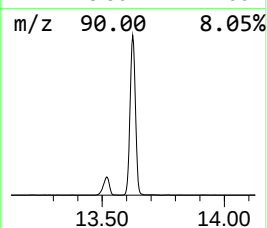
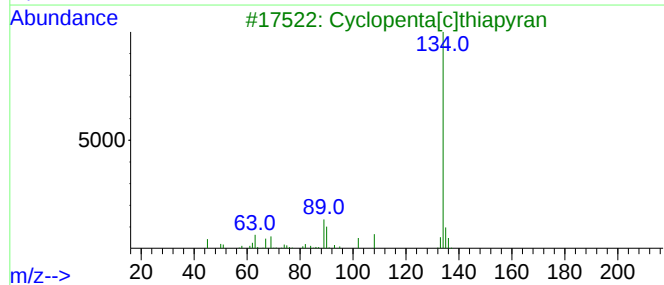
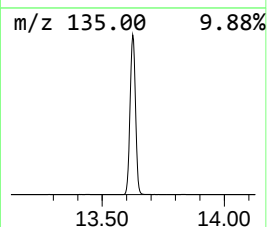
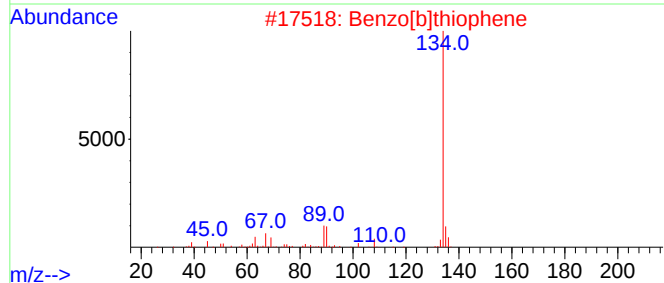
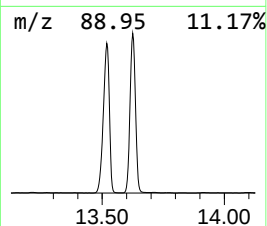
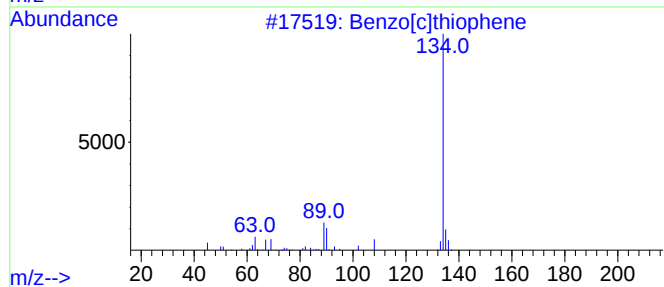
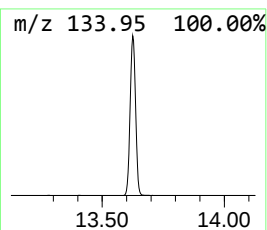
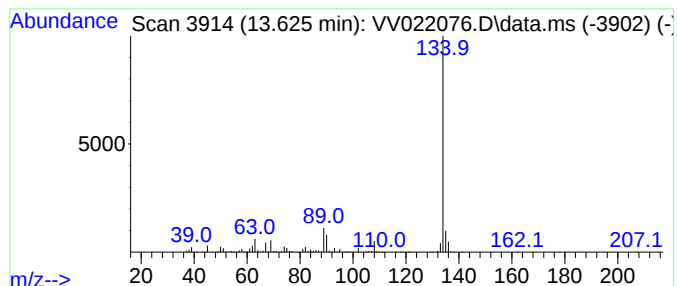
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 26 Benzo[c]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.625	286.29 ug/L	6171850	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]thiophene	134	C8H6S	000270-82-6	97
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\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

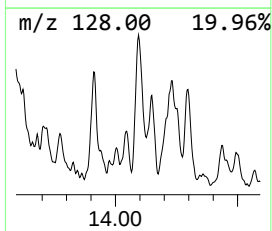
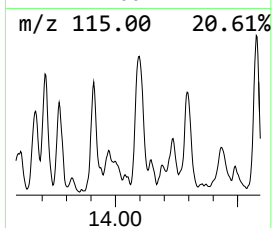
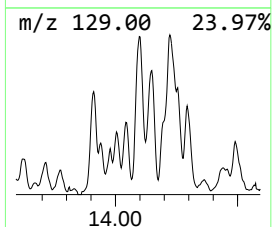
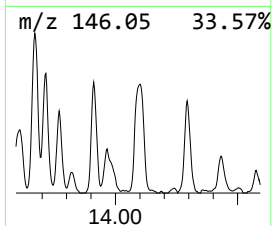
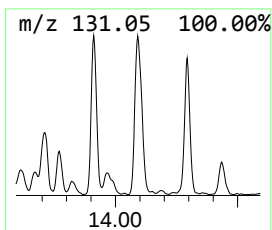
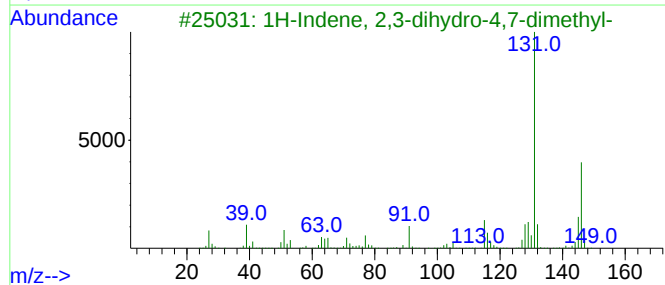
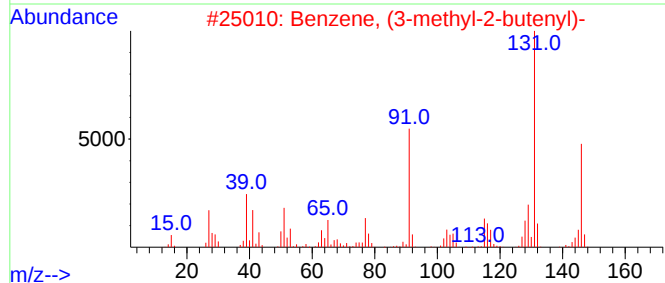
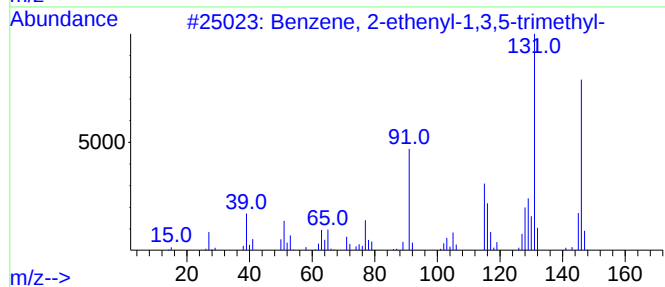
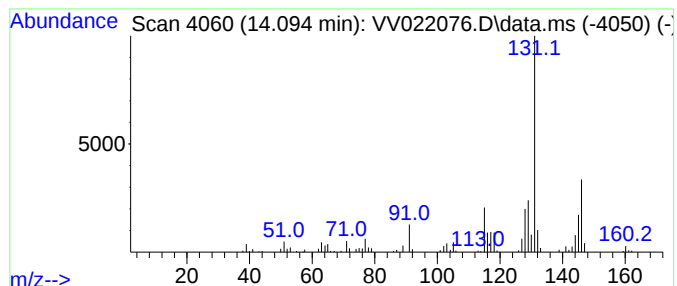
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 29 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.094	9.38 ug/L	202186	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	90
2			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
5			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

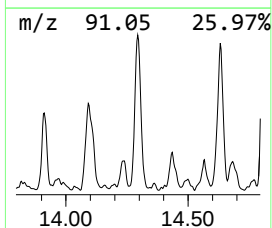
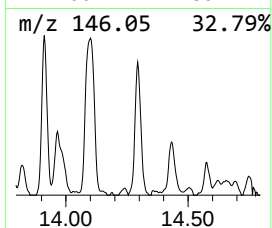
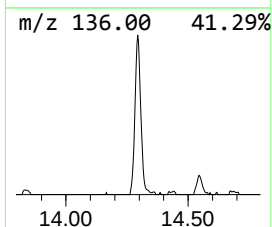
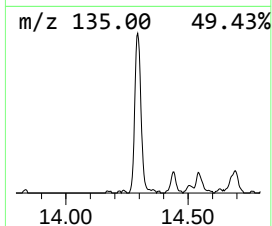
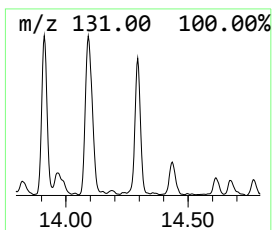
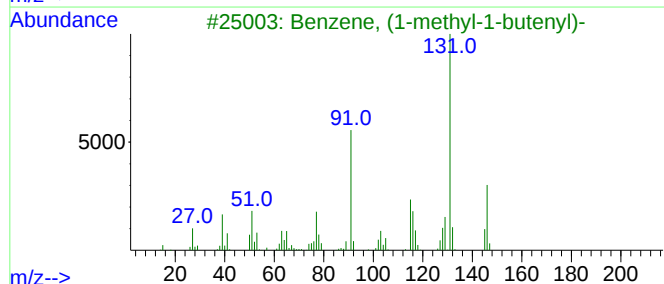
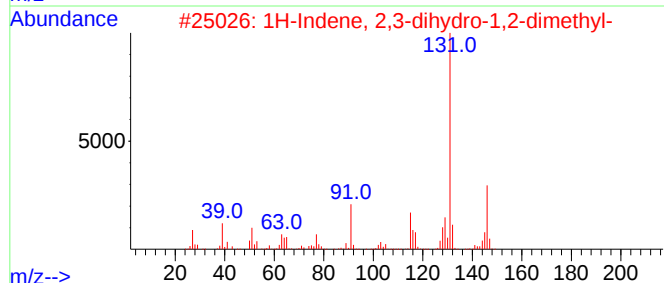
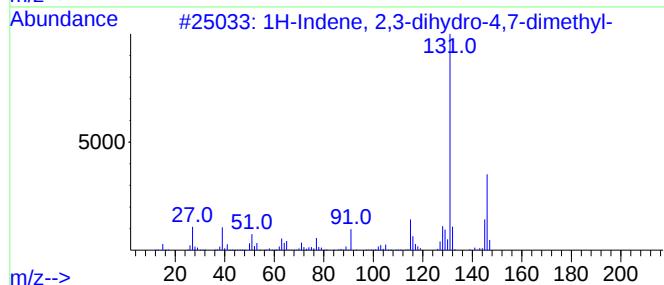
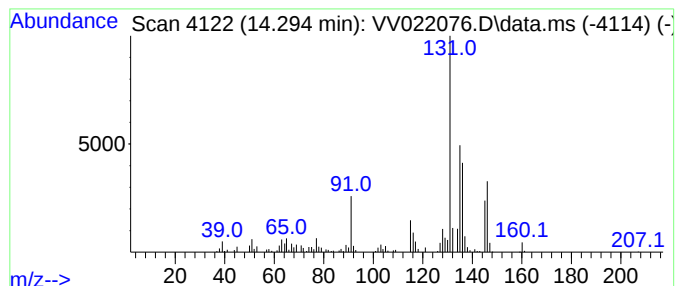
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 30 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.294	9.17 ug/L	197750	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	55
3			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	55
5			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

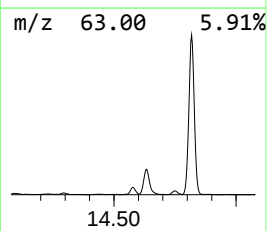
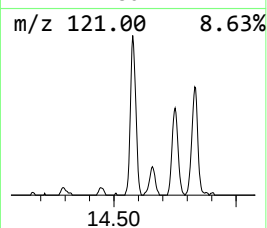
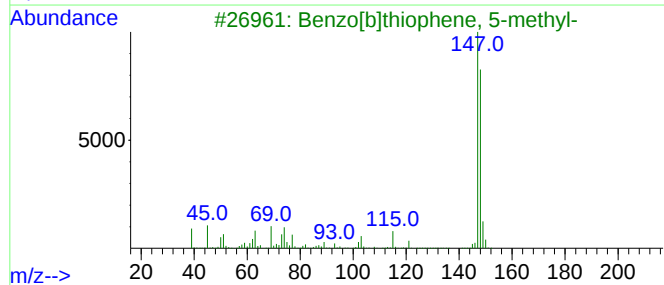
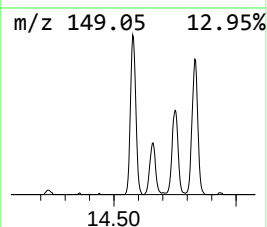
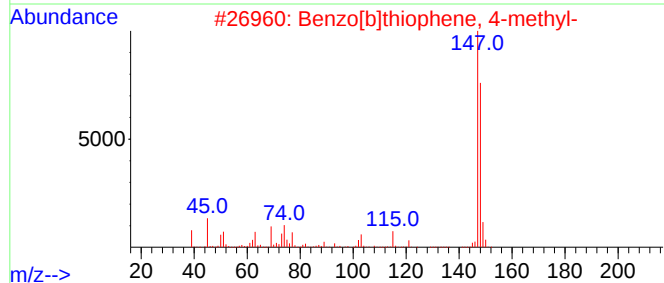
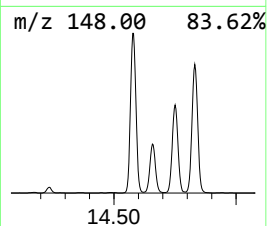
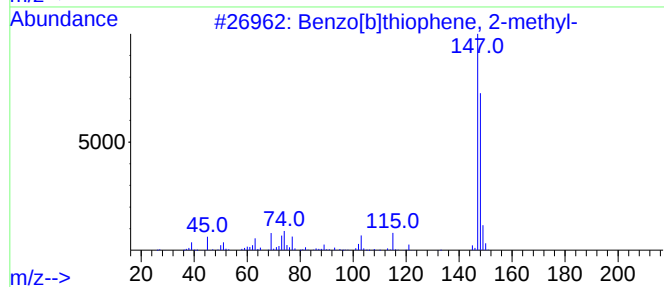
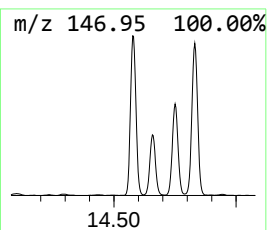
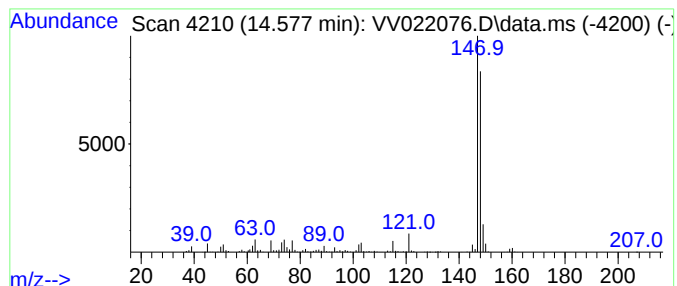
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 31 Benzo[b]thiophene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.577	25.10 ug/L	541161	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2			Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
3			Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
4			3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
5			Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

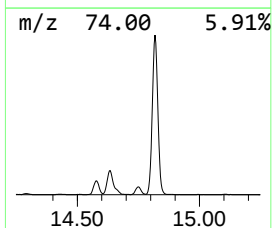
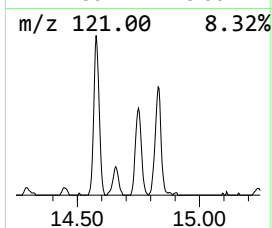
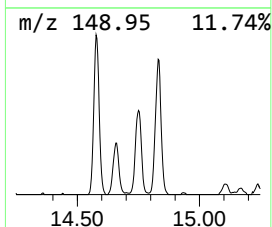
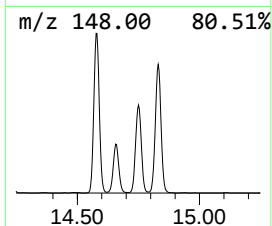
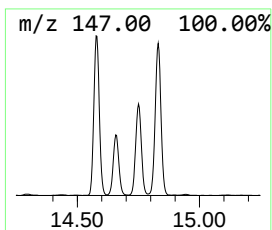
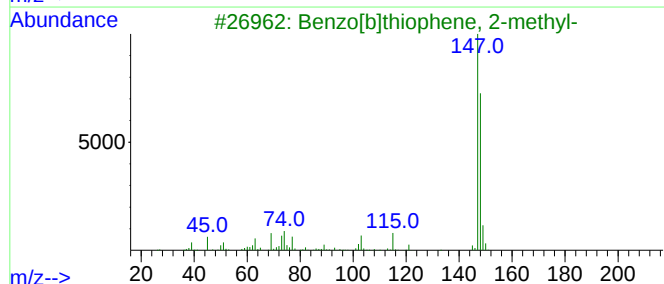
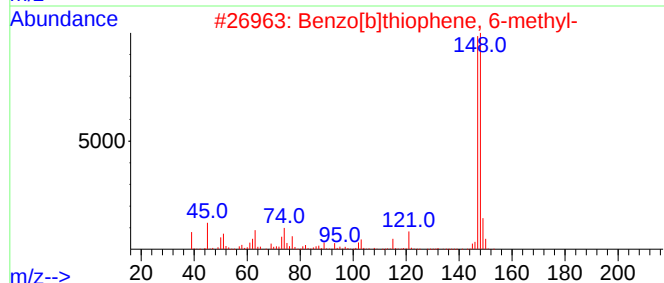
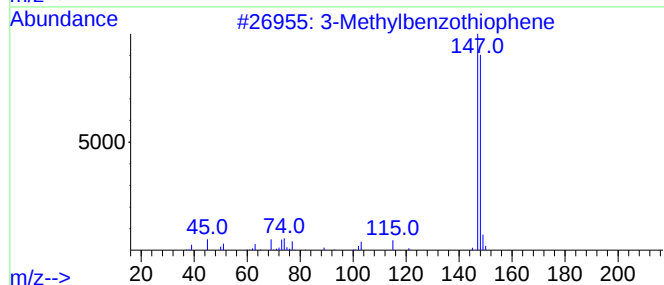
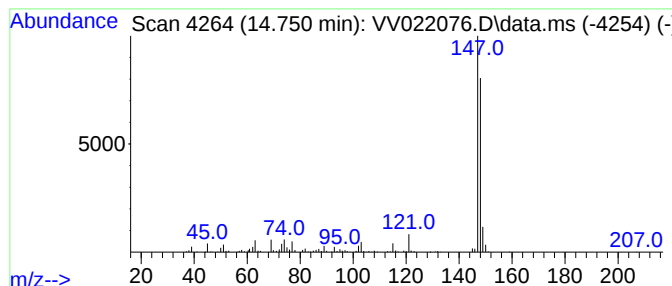
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 33 3-Methylbenzothiophene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.750	14.24 ug/L	306917	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Methylbenzothiophene	148	C9H8S	001455-18-1	94
2			Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
3			Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
4			Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
5			3-Methylbenzothiophene	148	C9H8S	001455-18-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

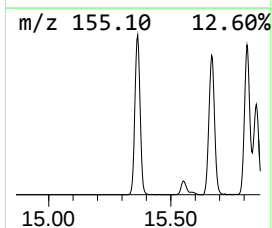
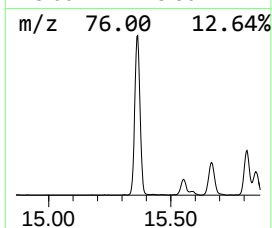
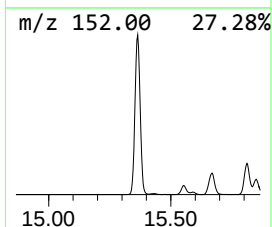
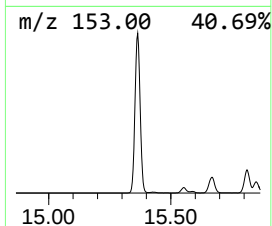
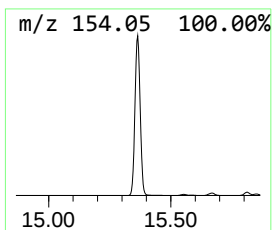
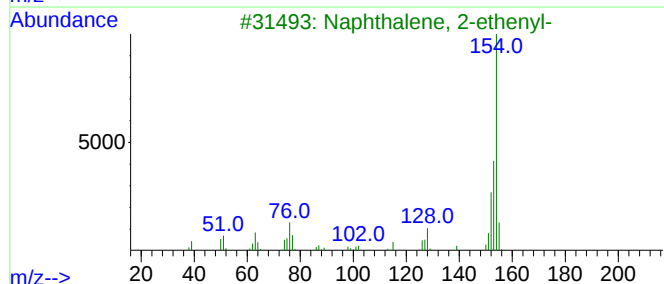
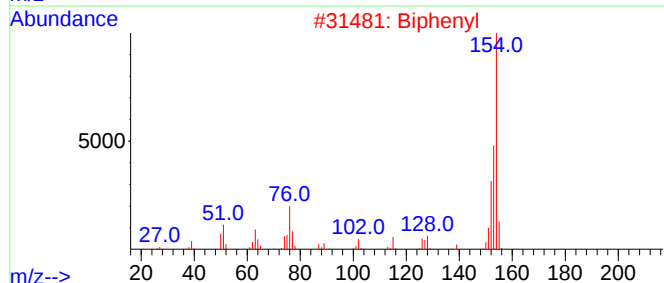
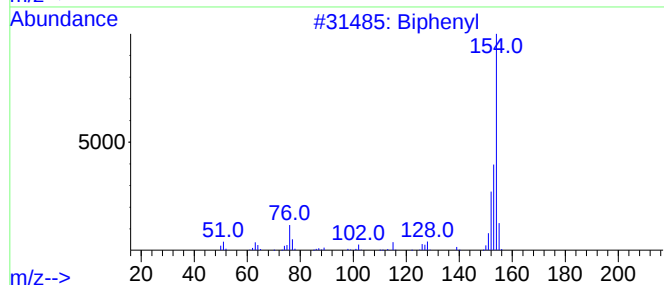
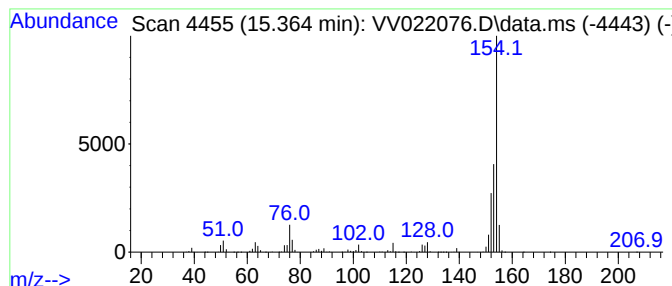
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 35 Biphenyl Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.365	89.53 ug/L	1930160	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenyl	154	C12H10	000092-52-4	95
2			Biphenyl	154	C12H10	000092-52-4	93
3			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	83
4			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	81
5			Biphenyl	154	C12H10	000092-52-4	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

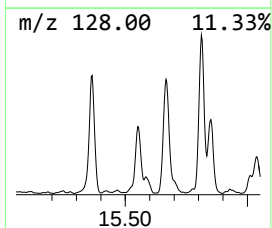
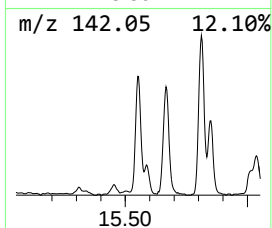
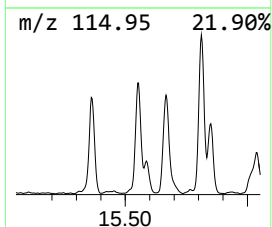
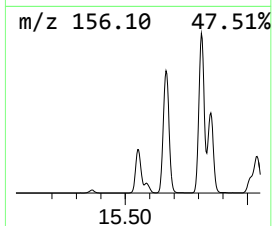
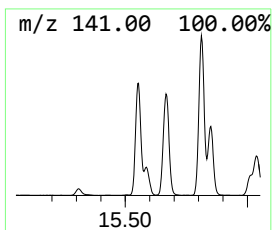
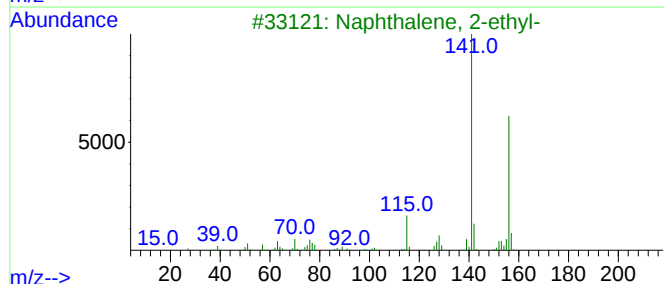
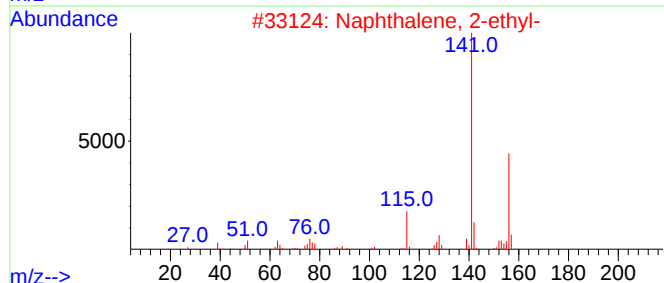
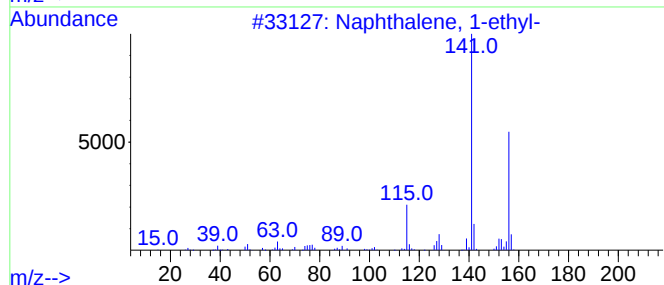
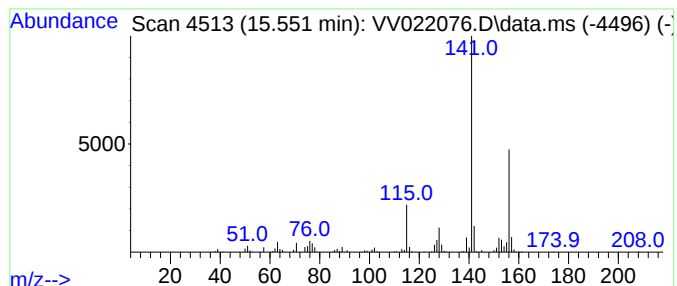
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 36 Naphthalene, 1-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.551	26.84 ug/L	578620	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

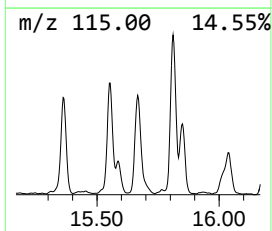
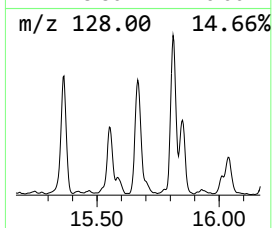
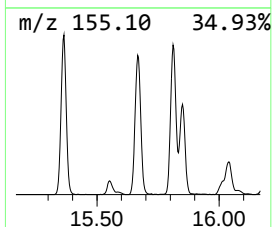
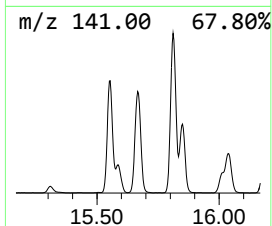
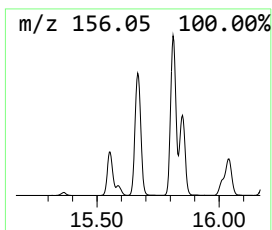
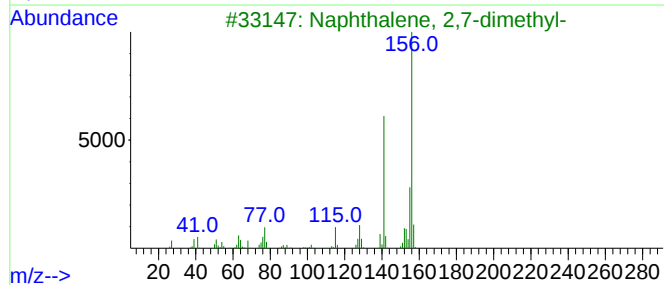
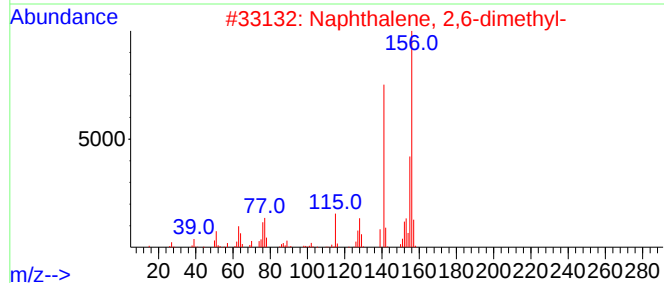
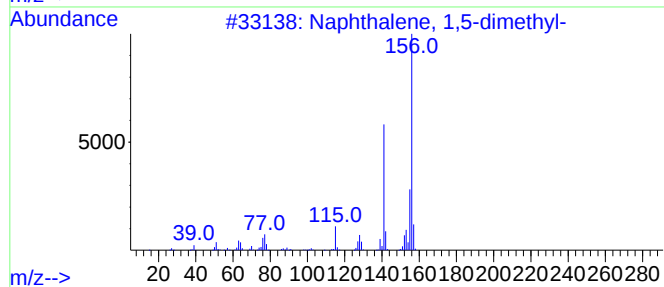
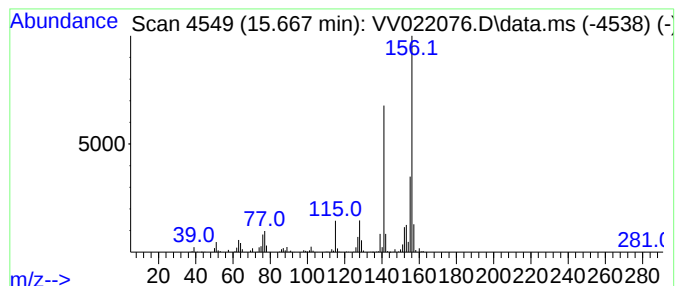
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 37 Naphthalene, 1,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.667	49.86 ug/L	1074950	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

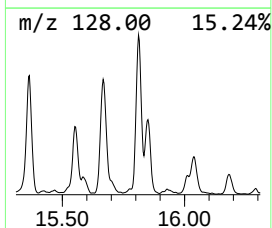
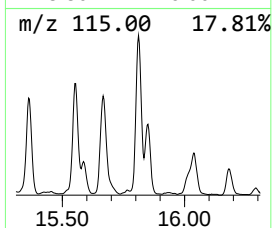
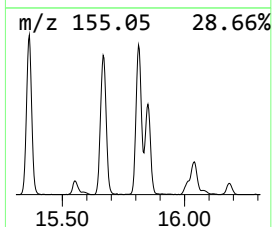
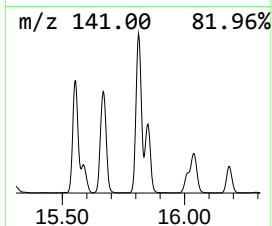
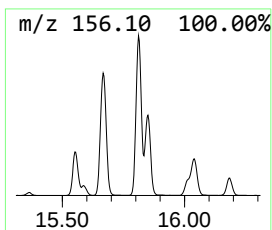
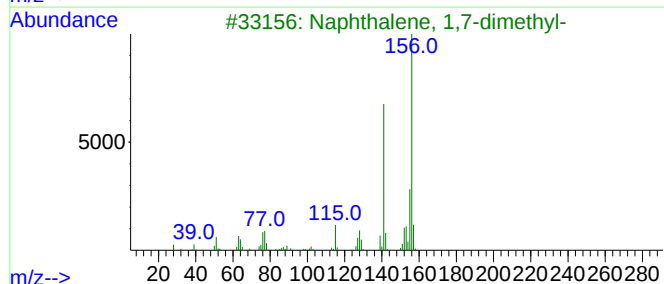
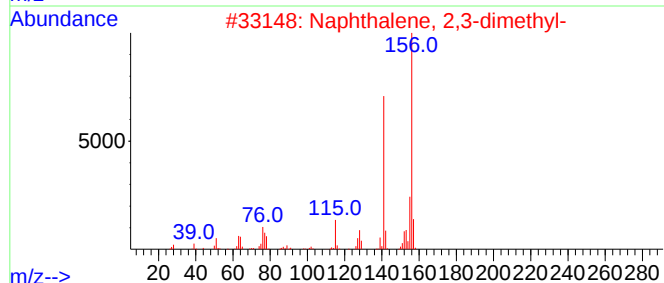
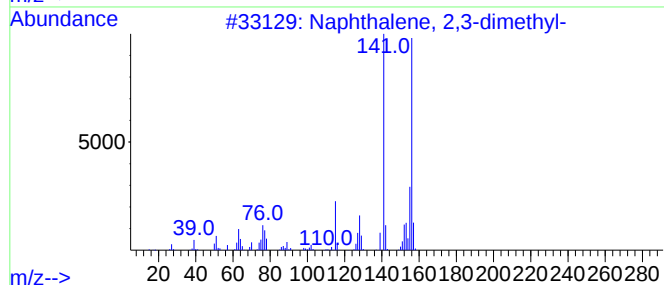
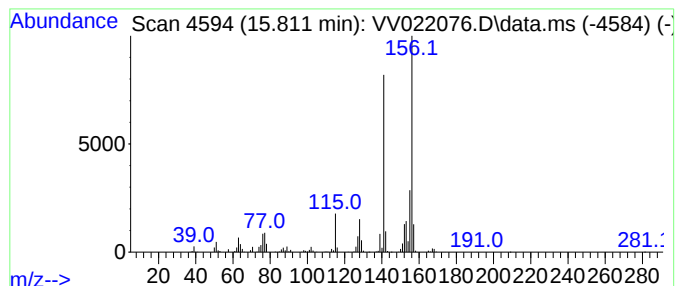
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 38 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.811	58.29 ug/L	1256600	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

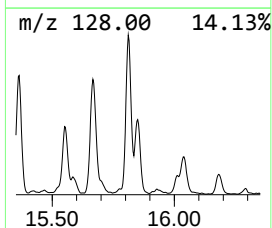
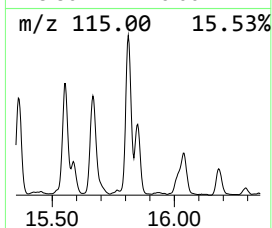
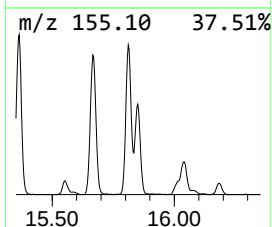
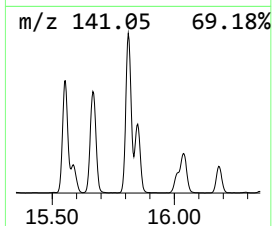
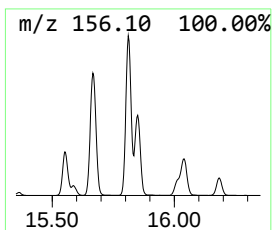
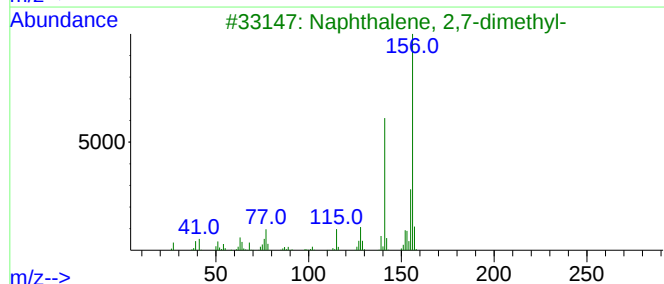
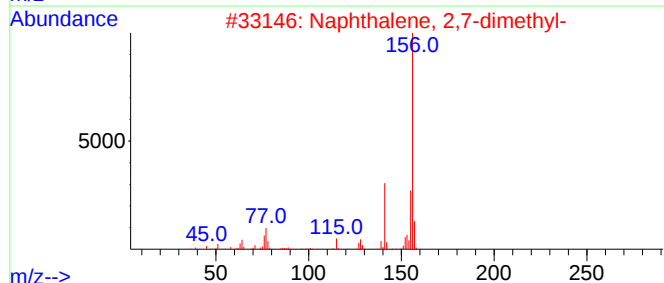
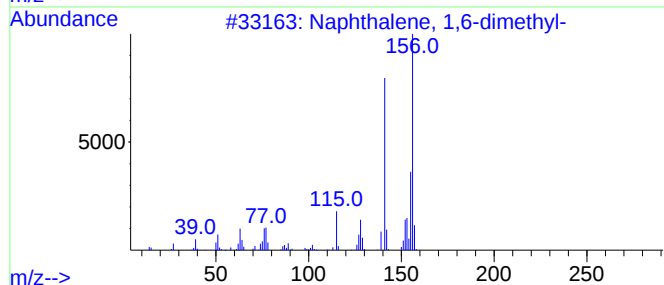
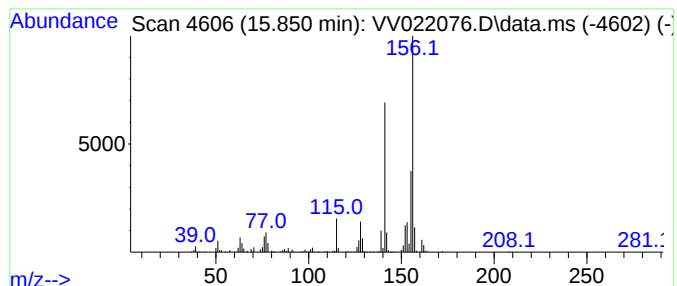
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 39 Naphthalene, 1,6-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.850	24.99 ug/L	538740	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

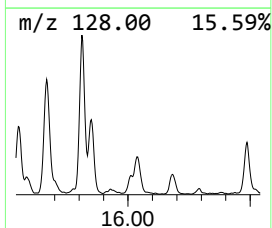
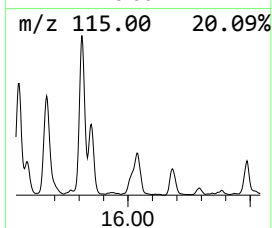
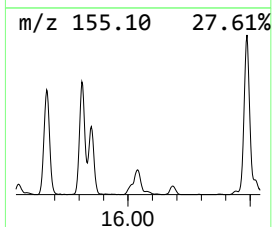
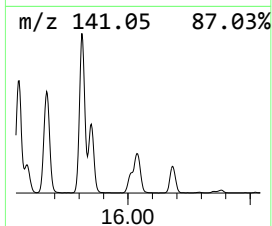
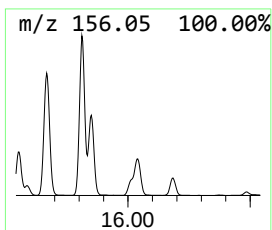
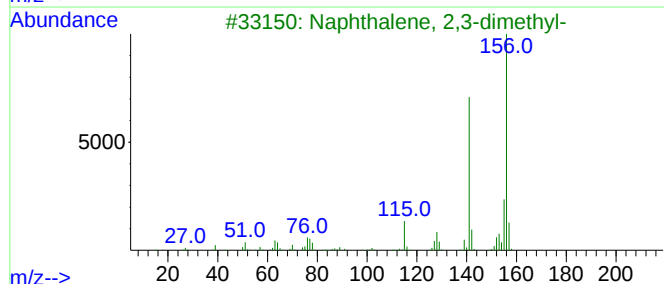
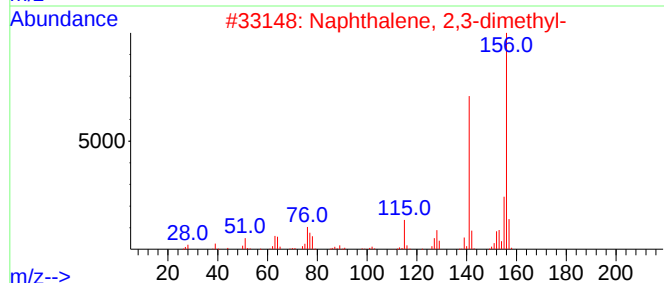
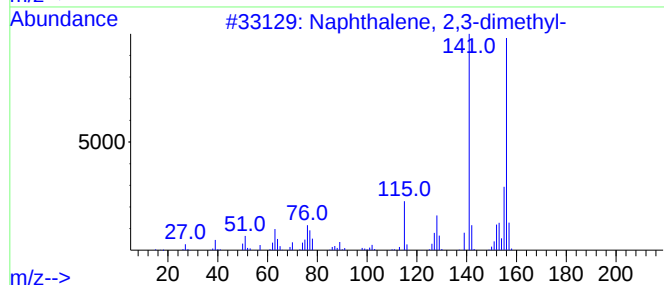
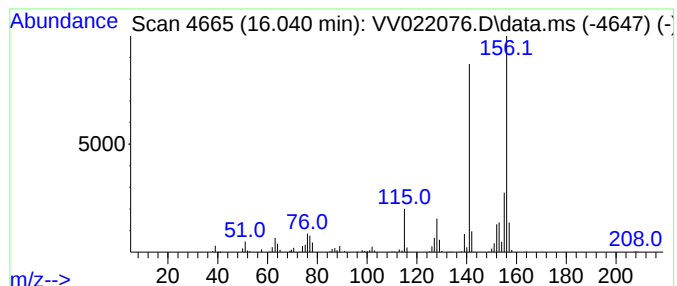
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 40 Naphthalene, 1,7-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.040	20.45 ug/L	440834	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

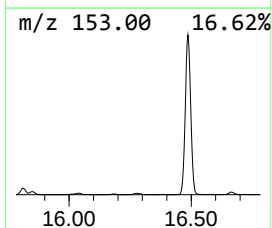
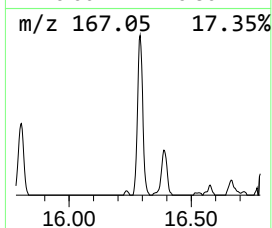
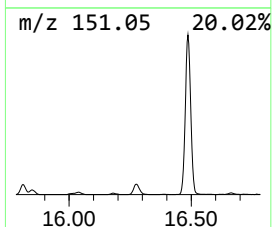
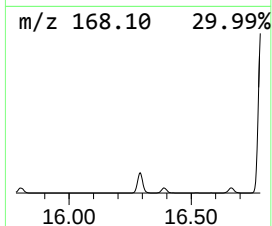
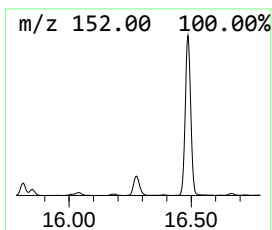
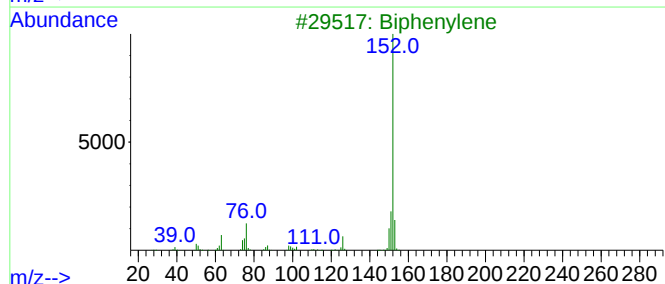
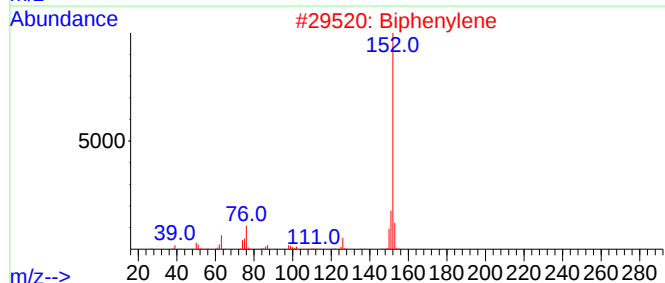
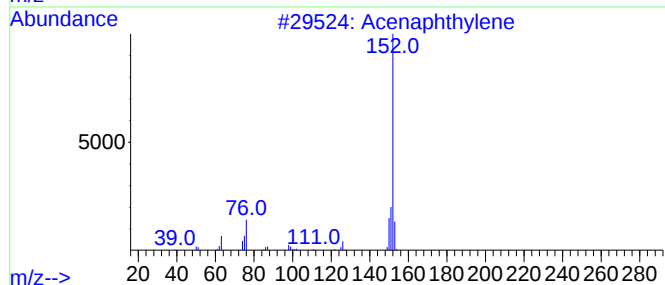
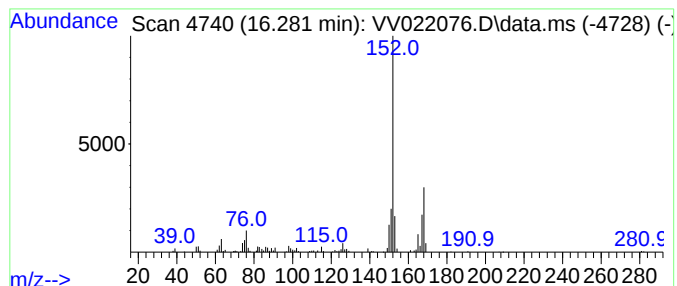
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 42 Biphenylene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.281	10.54 ug/L	227302	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthylene	152	C12H8	000208-96-8	92
2			Biphenylene	152	C12H8	000259-79-0	76
3			Biphenylene	152	C12H8	000259-79-0	76
4			Acenaphthylene	152	C12H8	000208-96-8	76
5			(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

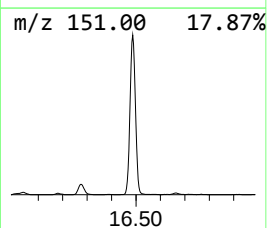
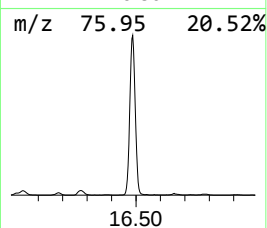
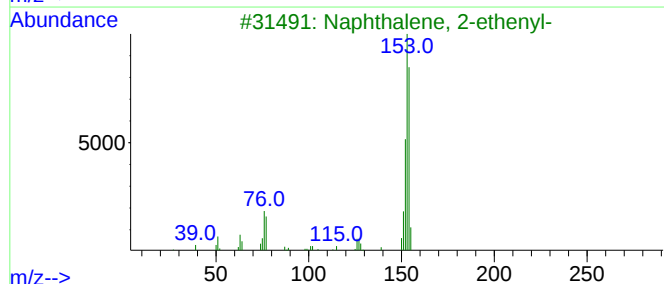
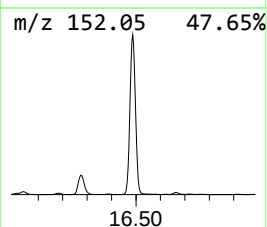
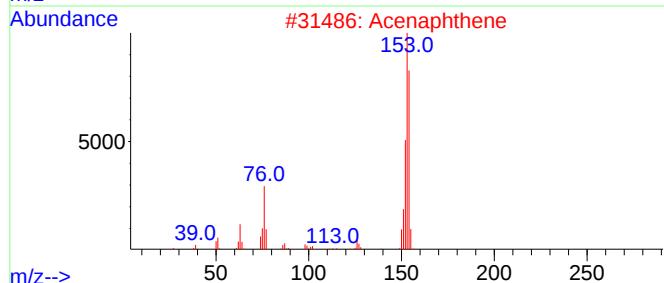
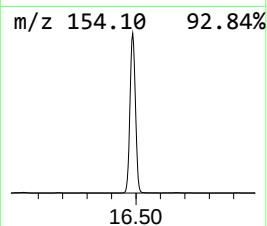
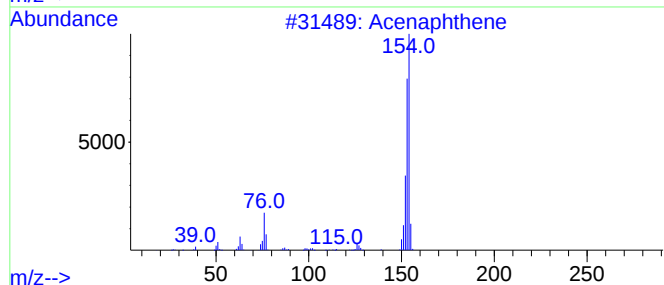
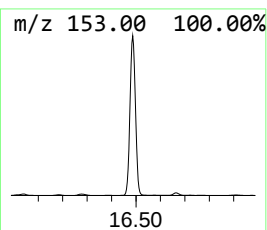
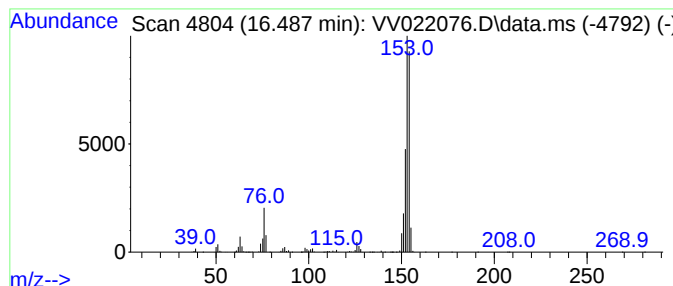
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 43 Naphthalene, 2-ethenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.487	178.89 ug/L	3856520	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	94
2			Acenaphthene	154	C12H10	000083-32-9	89
3			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64
4			Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59
5			Acenaphthene	154	C12H10	000083-32-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

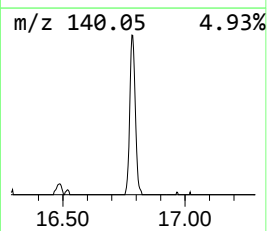
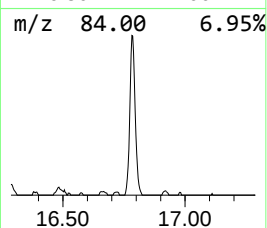
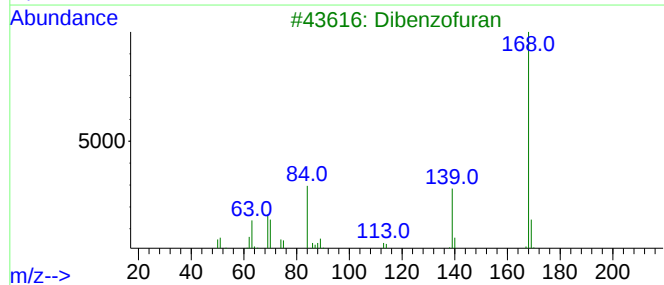
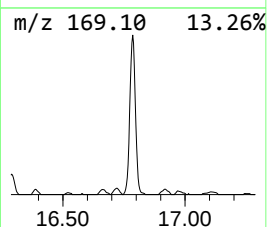
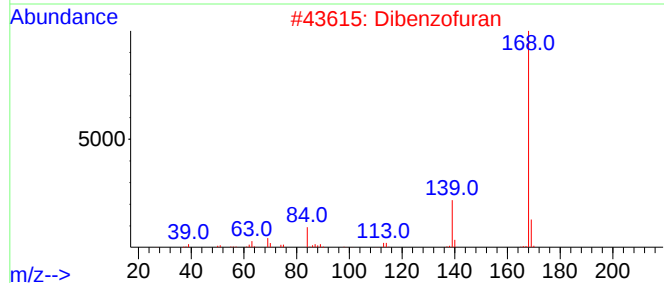
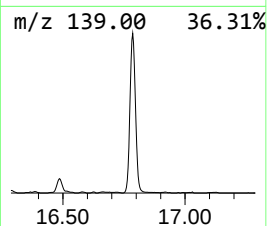
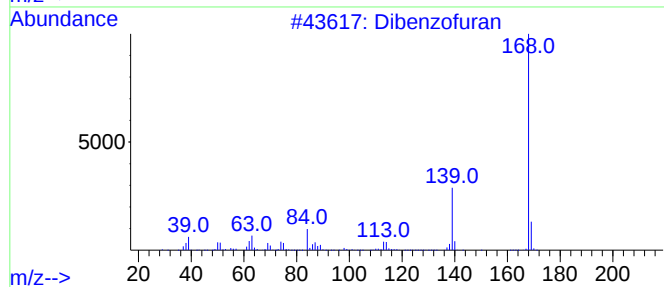
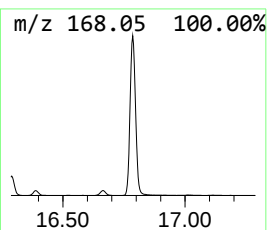
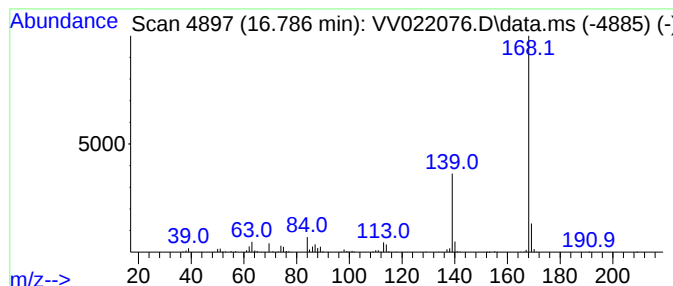
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 44 Dibenzofuran Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.786	23.97 ug/L	516841	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran	168	C12H8O	000132-64-9	91
2			Dibenzofuran	168	C12H8O	000132-64-9	86
3			Dibenzofuran	168	C12H8O	000132-64-9	72
4			1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	59
5			Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
Sample : M3608-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBKL5

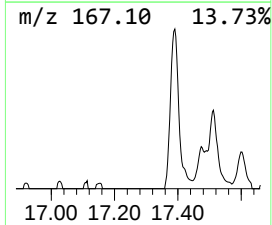
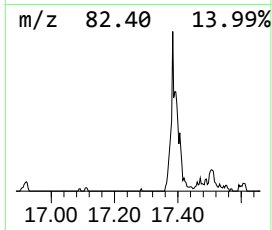
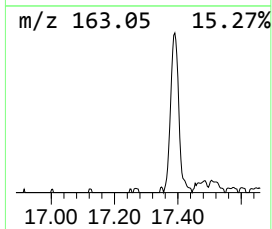
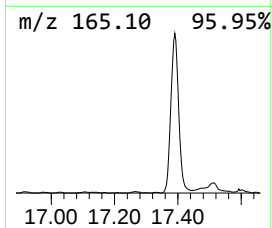
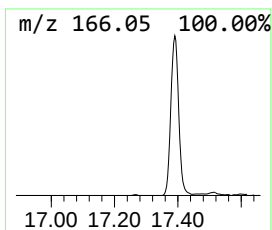
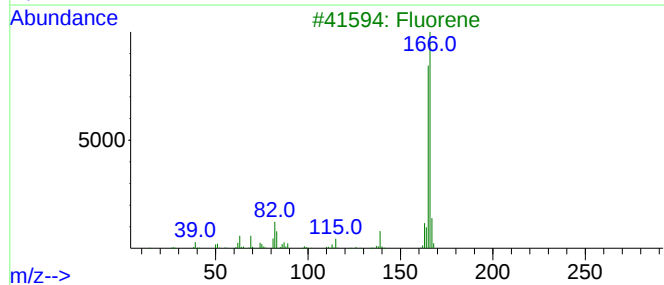
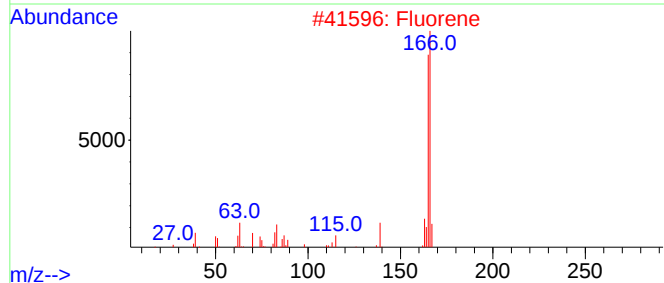
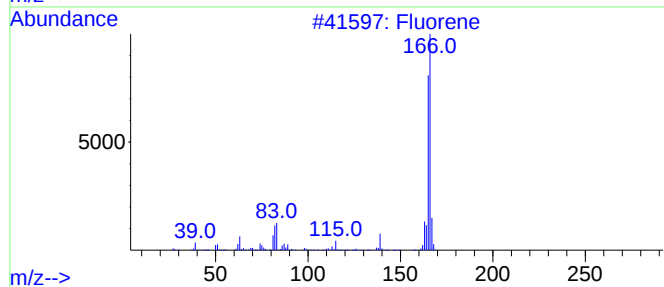
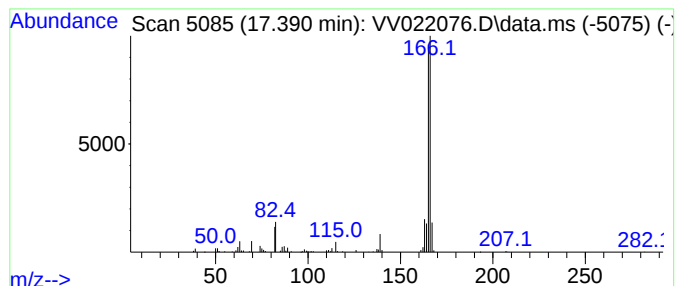
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis

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

Peak Number 45 Fluorene-9-methanol Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.390	8.47 ug/L	182616	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluorene	166	C13H10	000086-73-7	94
2			Fluorene	166	C13H10	000086-73-7	93
3			Fluorene	166	C13H10	000086-73-7	91
4			Fluorene	166	C13H10	000086-73-7	90
5			Fluorene-9-methanol	196	C14H12O	024324-17-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
 Data File : VV022076.D
 Acq On : 02 Sep 2021 15:22
 Operator : SY/MD
 Sample : M3608-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKL5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.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
Benzene, 1-ethy...	10.448	46.1	ug/L	994706	3	11.252	1077910	50.0
Benzene, 1-ethy...	10.741	11.3	ug/L	244020	3	11.252	1077910	50.0
Benzofuran	11.169	167.5	ug/L	3611560	3	11.252	1077910	50.0
Benzene, 1,2,3-...	11.336	30.9	ug/L	666196	3	11.252	1077910	50.0
Indane	11.529	322.4	ug/L	6949670	3	11.252	1077910	50.0
Indene	11.751	1005.1	ug/L	21668600	3	11.252	1077910	50.0
Benzene, 1-ethy...	12.017	7.9	ug/L	169474	3	11.252	1077910	50.0
Benzene, 1-ethe...	12.117	25.0	ug/L	538841	3	11.252	1077910	50.0
Benzofuran, 2-m...	12.361	40.5	ug/L	873770	3	11.252	1077910	50.0
Benzofuran, 7-m...	12.464	125.3	ug/L	2701740	3	11.252	1077910	50.0
1H-Indene, 2,3-...	12.725	45.6	ug/L	983145	3	11.252	1077910	50.0
1H-Indene, 2,3-...	12.886	80.5	ug/L	1736030	3	11.252	1077910	50.0
Cycloprop[a]ind...	12.950	25.8	ug/L	556672	3	11.252	1077910	50.0
Naphthalene, 1,...	13.049	159.0	ug/L	3428290	3	11.252	1077910	50.0
4-Phenylbut-3-e...	13.519	3184.2	ug/L	68645500	3	11.252	1077910	50.0
Benzo[c]thiophene	13.625	286.3	ug/L	6171850	3	11.252	1077910	50.0
Benzene, 2-ethe...	14.094	9.4	ug/L	202186	3	11.252	1077910	50.0
1H-Indene, 2,3-...	14.294	9.2	ug/L	197750	3	11.252	1077910	50.0
Benzo[b]thiophe...	14.577	25.1	ug/L	541161	3	11.252	1077910	50.0
3-Methylbenzoth...	14.750	14.2	ug/L	306917	3	11.252	1077910	50.0
Biphenyl	15.365	89.5	ug/L	1930160	3	11.252	1077910	50.0
Naphthalene, 1-...	15.551	26.8	ug/L	578620	3	11.252	1077910	50.0
Naphthalene, 1,...	15.667	49.9	ug/L	1074950	3	11.252	1077910	50.0
Naphthalene, 2,...	15.811	58.3	ug/L	1256600	3	11.252	1077910	50.0
Naphthalene, 1,...	15.850	25.0	ug/L	538740	3	11.252	1077910	50.0
Naphthalene, 1,...	16.040	20.4	ug/L	440834	3	11.252	1077910	50.0
Biphenylene	16.281	10.5	ug/L	227302	3	11.252	1077910	50.0
Naphthalene, 2-...	16.487	178.9	ug/L	3856520	3	11.252	1077910	50.0
Dibenzofuran	16.786	24.0	ug/L	516841	3	11.252	1077910	50.0
Fluorene-9-meth...	17.390	8.5	ug/L	182616	3	11.252	1077910	50.0