

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018434.D
 Acq On : 24 Sep 2020 17:29
 Operator : SY/MD
 Sample : L4109-17 20X
 Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.315	63	70	84	rVB	238133	239436	9.30%	0.912%
2	1.579	144	152	164	rBV	209194	237177	9.21%	0.903%
3	2.123	309	321	359	rVB	436779	674282	26.19%	2.567%
4	2.309	369	379	388	rVB3	2011	3005	0.12%	0.011%
5	2.547	433	453	473	rVB3	17577	39826	1.55%	0.152%
6	2.782	512	526	545	rVB2	32023	63676	2.47%	0.242%
7	3.061	600	613	633	rBV	93440	187850	7.30%	0.715%
8	3.293	679	685	690	rVB4	363	500	0.02%	0.002%
9	3.563	759	769	783	rBV6	1825	4598	0.18%	0.018%
10	3.695	798	810	824	rVB4	1639	3644	0.14%	0.014%
11	3.791	824	840	857	rBV3	19470	48693	1.89%	0.185%
12	3.910	865	877	923	rBV	149536	450323	17.49%	1.714%
13	4.376	1004	1022	1054	rBV	318845	775669	30.13%	2.953%
14	4.637	1093	1103	1115	rVV3	1902	4562	0.18%	0.017%
15	4.711	1115	1126	1136	rVB6	2277	4674	0.18%	0.018%
16	5.071	1216	1238	1278	rBV2	776537	1989064	77.25%	7.573%
17	5.441	1348	1353	1360	rVB4	508	707	0.03%	0.003%
18	5.643	1402	1416	1441	rBV	350775	698406	27.13%	2.659%
19	5.929	1495	1505	1530	rVB3	19576	40716	1.58%	0.155%
20	6.093	1542	1556	1589	rBV	449584	902421	35.05%	3.436%
21	6.235	1597	1600	1603	rBV3	548	441	0.02%	0.002%
22	6.675	1730	1737	1745	rBV7	812	1534	0.06%	0.006%
23	6.801	1770	1776	1784	rVB6	1280	1953	0.08%	0.007%
24	6.942	1813	1820	1826	rBV	696	866	0.03%	0.003%
25	7.007	1826	1840	1867	rBV	272820	480862	18.68%	1.831%
26	7.280	1917	1925	1931	rBV3	3233	5278	0.20%	0.020%
27	7.338	1931	1943	1957	rVV	976638	1641805	63.77%	6.250%
28	7.412	1957	1966	1988	rVB	189706	333010	12.93%	1.268%
29	7.585	2013	2020	2027	rBV5	2659	3775	0.15%	0.014%
30	7.640	2027	2037	2068	rVV	194433	332046	12.90%	1.264%
31	7.955	2127	2135	2141	rBV2	352	548	0.02%	0.002%
32	8.000	2145	2149	2159	rVB5	1214	1498	0.06%	0.006%
33	8.106	2171	2182	2212	rBV	556849	959154	37.25%	3.652%
34	8.441	2280	2286	2288	rBV3	414	499	0.02%	0.002%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018434.D
 Acq On : 24 Sep 2020 17:29
 Operator : SY/MD
 Sample : L4109-17 20X
 Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Title : VOC Analysis

35	8.592	2327	2333	2336	rBV3	596	531	0.02%	0.002%
36	8.688	2351	2363	2373	rBV4	2583	3931	0.15%	0.015%
37	8.807	2393	2400	2409	rBV3	1667	2372	0.09%	0.009%
38	8.875	2409	2421	2448	rBV	531651	864535	33.58%	3.291%
39	9.035	2461	2471	2487	rBV	42089	67026	2.60%	0.255%
40	9.158	2498	2509	2524	rVV	188586	309048	12.00%	1.177%
41	9.225	2524	2530	2545	rVB2	11600	19744	0.77%	0.075%
42	9.437	2590	2596	2601	rBV3	400	415	0.02%	0.002%
43	9.498	2602	2615	2622	rBV3	3321	5456	0.21%	0.021%
44	9.566	2624	2636	2655	rBV	106563	171778	6.67%	0.654%
45	9.691	2671	2675	2678	rBV3	681	630	0.02%	0.002%
46	9.733	2681	2688	2696	rVB5	4346	6637	0.26%	0.025%
47	9.788	2696	2705	2707	rBV2	1121	1175	0.05%	0.004%
48	9.823	2707	2716	2724	rVV6	2854	5174	0.20%	0.020%
49	9.871	2725	2731	2741	rVB5	2409	4069	0.16%	0.015%
50	9.952	2742	2756	2774	rBV	50581	81199	3.15%	0.309%
51	10.039	2776	2783	2791	rBV5	3834	6052	0.24%	0.023%
52	10.109	2792	2805	2808	rVV6	5307	9750	0.38%	0.037%
53	10.145	2809	2816	2828	rVB3	12879	23262	0.90%	0.089%
54	10.238	2830	2845	2863	rBV	623596	981833	38.13%	3.738%
55	10.373	2876	2887	2905	rBV	244815	369648	14.36%	1.407%
56	10.469	2905	2917	2935	rBV	1029071	2184747	84.86%	8.318%
57	10.559	2935	2945	2954	rBV	560217	821467	31.91%	3.127%
58	10.714	2979	2993	3000	rBV	664717	963942	37.44%	3.670%
59	10.759	3000	3007	3027	rVB	403095	619169	24.05%	2.357%
60	10.936	3044	3062	3085	rVB	1715453	2574675	100.00%	9.802%
61	11.042	3086	3095	3102	rBV2	24387	41068	1.60%	0.156%
62	11.174	3129	3136	3141	rBV5	9761	13964	0.54%	0.053%
63	11.215	3142	3149	3156	rVV	24146	34360	1.33%	0.131%
64	11.270	3156	3166	3183	rVV	608932	935122	36.32%	3.560%
65	11.357	3183	3193	3215	rVB	409682	630842	24.50%	2.402%
66	11.482	3227	3232	3242	rVB3	11335	15898	0.62%	0.061%
67	11.553	3242	3254	3262	rBV2	123190	241181	9.37%	0.918%
68	11.595	3263	3267	3273	rVV	105735	140862	5.47%	0.536%
69	11.646	3273	3283	3309	rVB2	1185173	2044157	79.39%	7.782%
70	11.810	3326	3334	3339	rBV	52772	72628	2.82%	0.277%
71	11.932	3362	3372	3377	rBV	93136	145954	5.67%	0.556%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018434.D
 Acq On : 24 Sep 2020 17:29
 Operator : SY/MD
 Sample : L4109-17 20X
 Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Title : VOC Analysis

72	12.039	3395	3405	3427	rVB	181707	283271	11.00%	1.078%
73	12.141	3428	3437	3440	rBV2	12751	18749	0.73%	0.071%
74	12.280	3468	3480	3488	rBV2	10052	21279	0.83%	0.081%
75	12.338	3489	3498	3507	rVB2	42756	62885	2.44%	0.239%
76	12.389	3508	3514	3519	rBV3	8411	12744	0.49%	0.049%
77	12.434	3520	3528	3536	rVV	115473	164332	6.38%	0.626%
78	12.485	3536	3544	3562	rVB	187171	286411	11.12%	1.090%
79	12.572	3563	3571	3576	rBV2	14423	20173	0.78%	0.077%
80	12.608	3577	3582	3586	rBV3	11303	13393	0.52%	0.051%
81	12.746	3616	3625	3638	rVB	58533	90125	3.50%	0.343%
82	12.817	3639	3647	3655	rBV3	10763	15683	0.61%	0.060%
83	12.903	3655	3674	3703	rBV3	144069	296999	11.54%	1.131%
84	13.022	3703	3711	3718	rBV2	22329	30726	1.19%	0.117%
85	13.186	3755	3762	3771	rVB3	5696	8315	0.32%	0.032%
86	13.235	3772	3777	3785	rVB5	2715	3120	0.12%	0.012%
87	13.292	3785	3795	3800	rBV4	33896	54134	2.10%	0.206%
88	13.424	3828	3836	3847	rVB	16247	23337	0.91%	0.089%
89	13.524	3858	3867	3879	rBV	150478	227740	8.85%	0.867%
90	13.755	3924	3939	3941	rBV6	6751	14420	0.56%	0.055%
91	13.926	3984	3992	4005	rVB4	16286	27189	1.06%	0.104%
92	14.116	4041	4051	4066	rBV6	6962	14943	0.58%	0.057%
93	14.257	4087	4095	4103	rBV4	5332	7259	0.28%	0.028%
94	14.315	4109	4113	4122	rVB6	2447	3200	0.12%	0.012%
95	14.489	4164	4167	4170	rBV3	613	510	0.02%	0.002%
96	14.662	4211	4221	4236	rVB	7848	14319	0.56%	0.055%
97	14.849	4271	4279	4280	rBV3	2700	2998	0.12%	0.011%
98	14.968	4313	4316	4320	rVB2	685	434	0.02%	0.002%
99	15.312	4420	4423	4427	rBV2	502	415	0.02%	0.002%
100	15.440	4458	4463	4466	rBV4	906	890	0.03%	0.003%

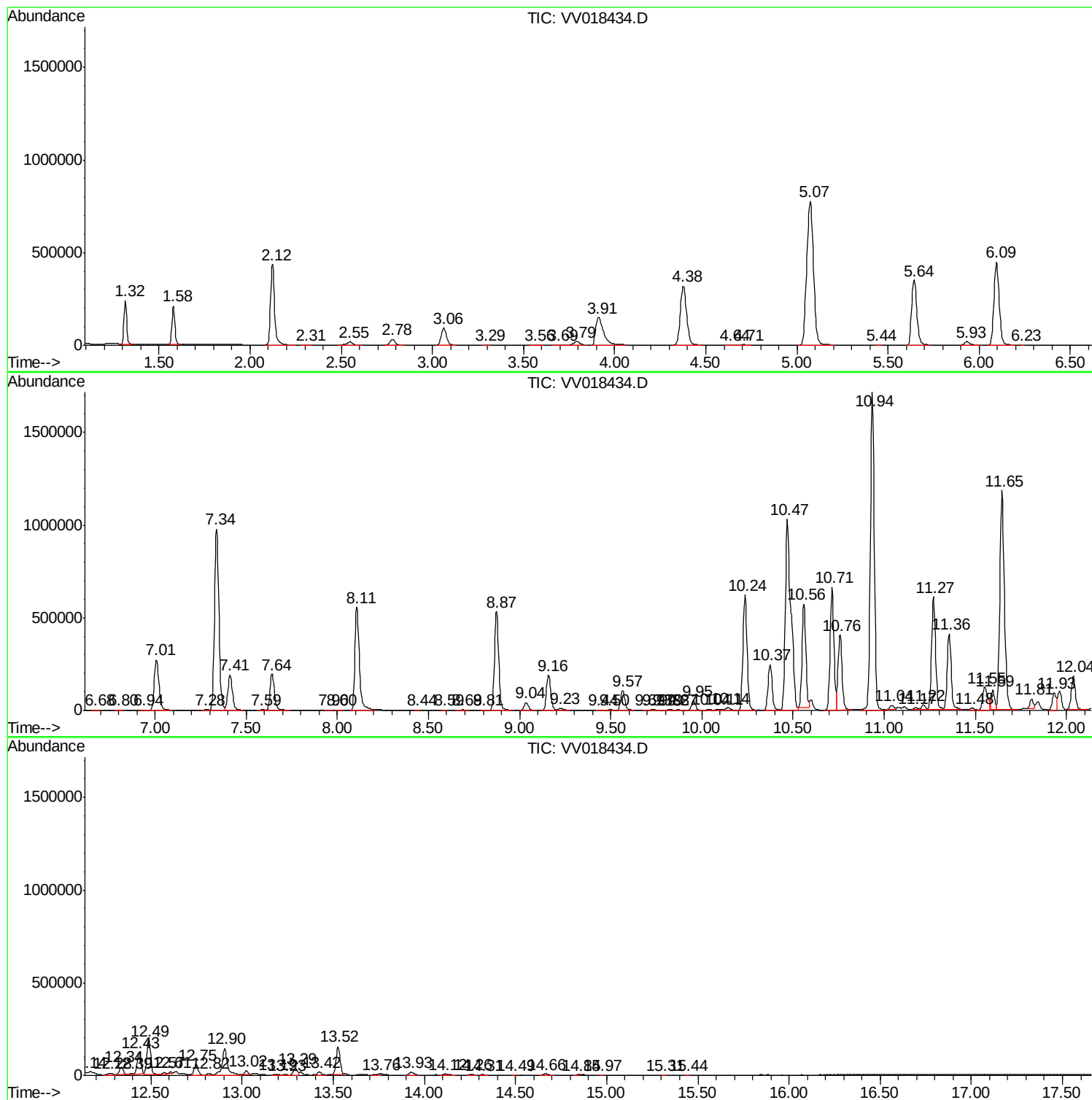
Sum of corrected areas: 26266792

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
BG3Y1

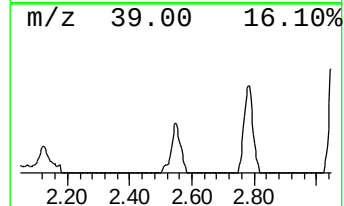
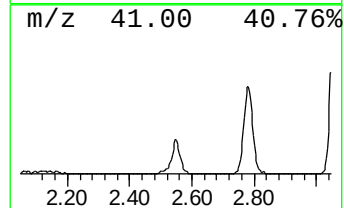
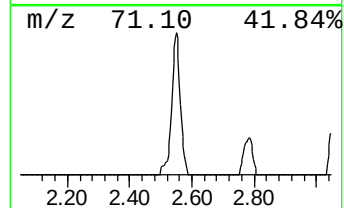
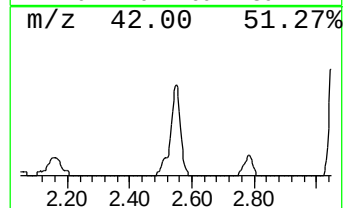
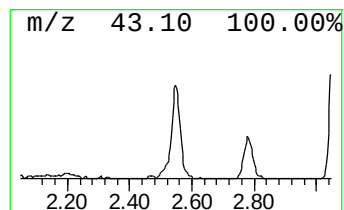
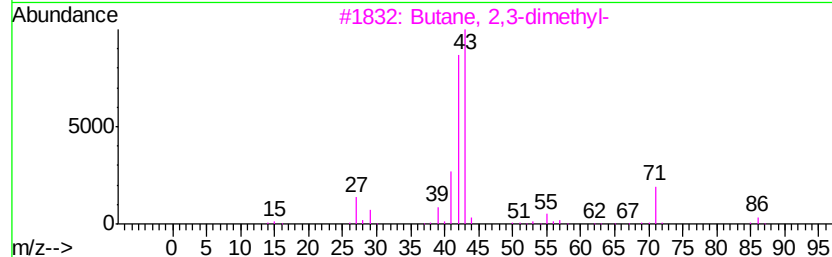
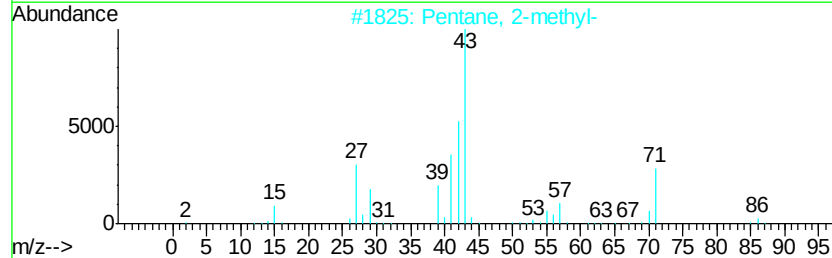
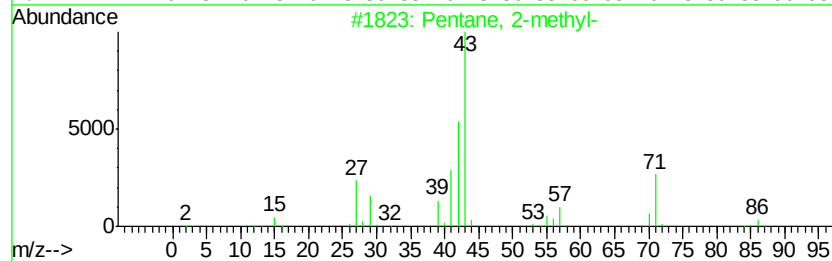
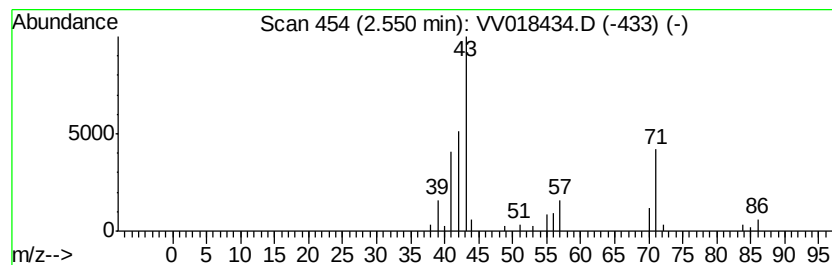
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.55	2.85 ug/L	39826	1,4-Difluorobenzene	5.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2			Pentane, 2-methyl-	86	C6H14	000107-83-5	72
3			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	58
4			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	43
5			Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

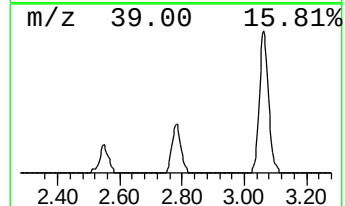
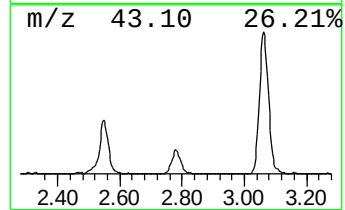
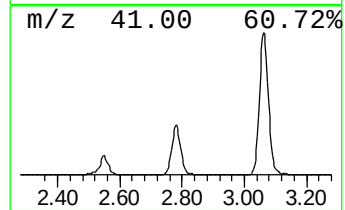
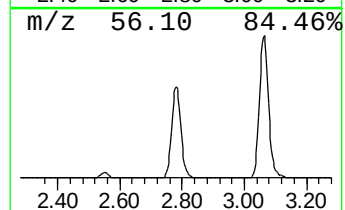
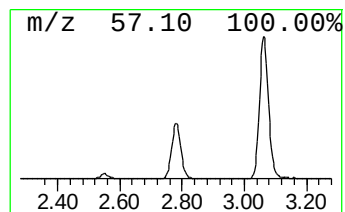
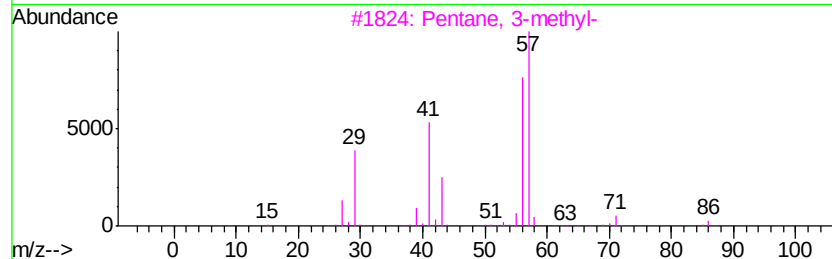
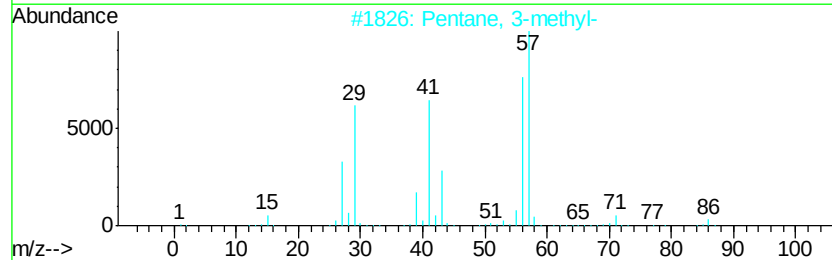
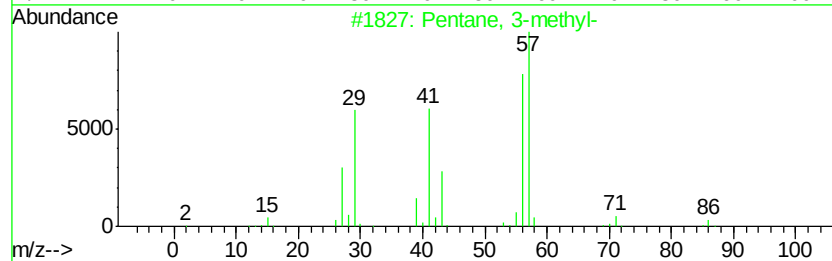
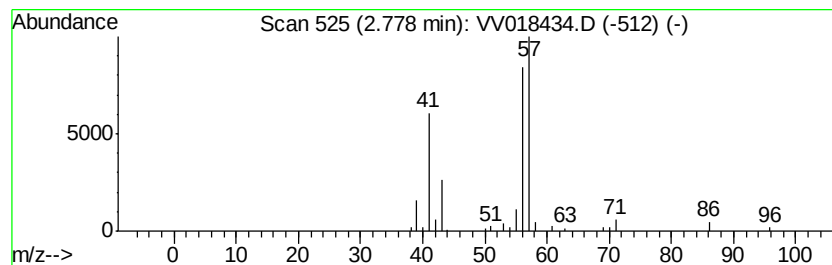
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	4.56 ug/L	63676	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2		Pentane, 3-methyl-	86	C6H14	000096-14-0	90
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	86
4		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

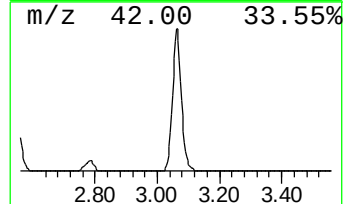
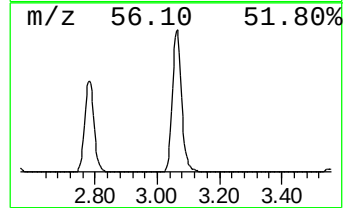
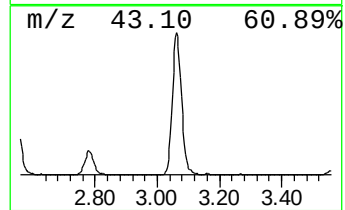
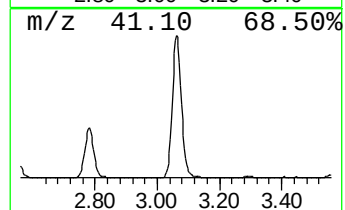
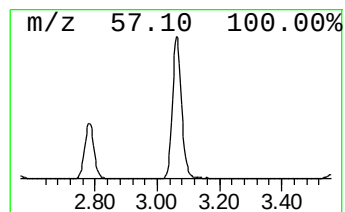
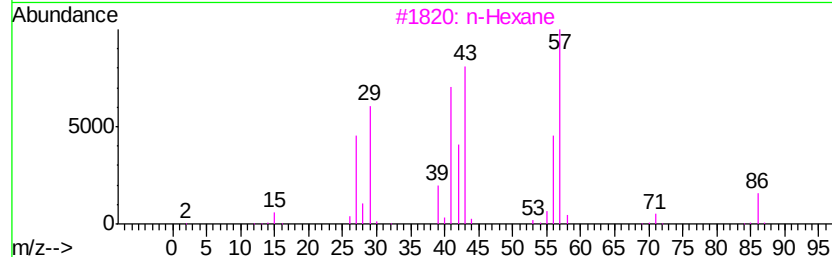
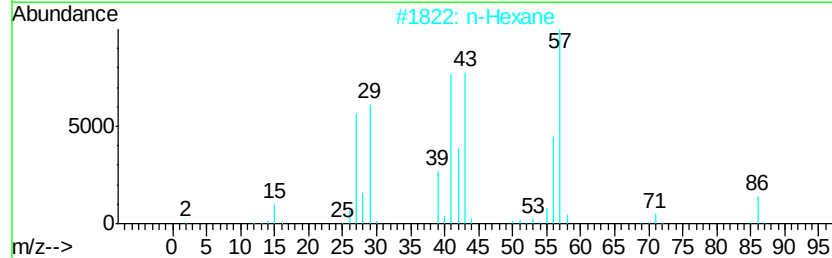
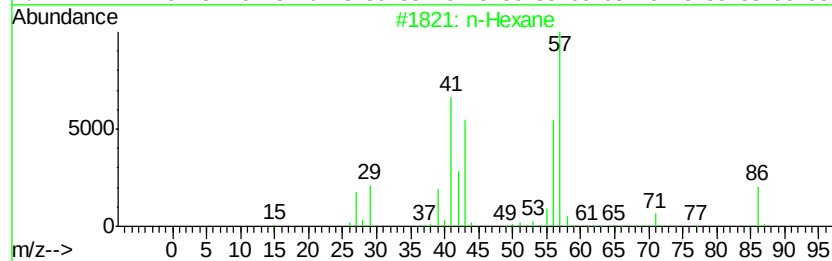
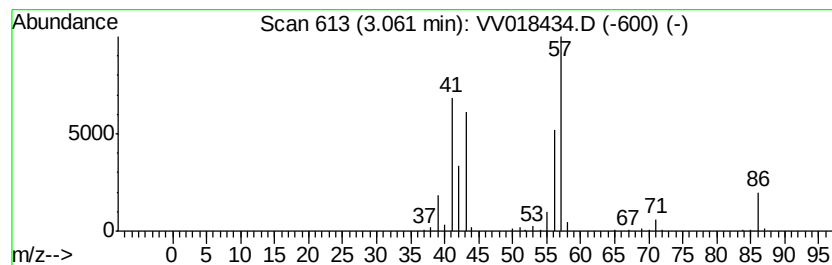
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	13.45 ug/L	187850	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	91
2		n-Hexane	86	C6H14	000110-54-3	72
3		n-Hexane	86	C6H14	000110-54-3	59
4		Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	47
5		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

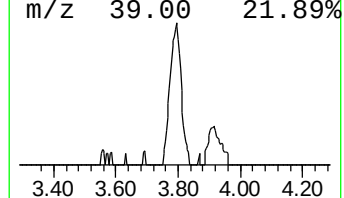
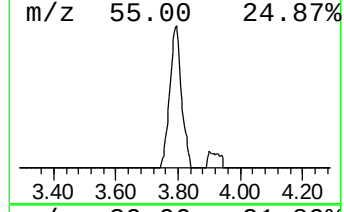
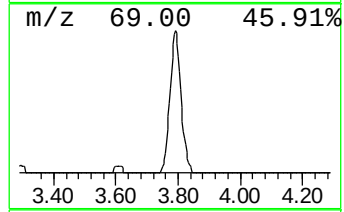
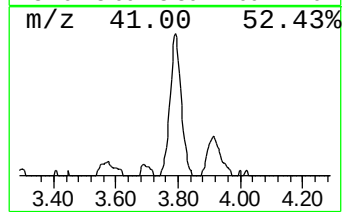
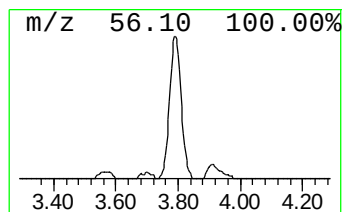
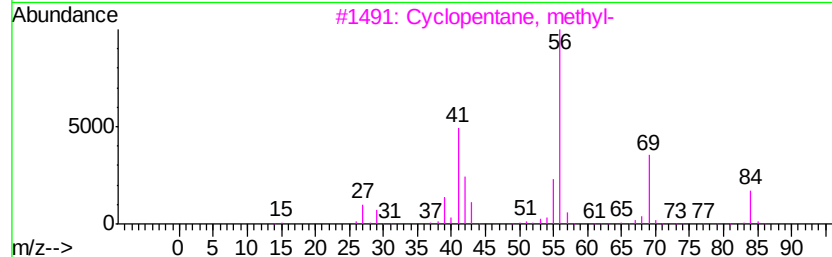
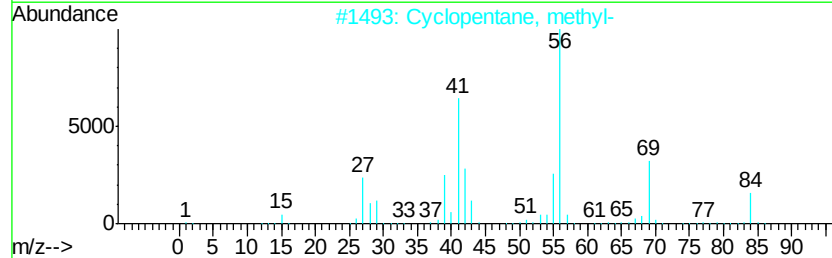
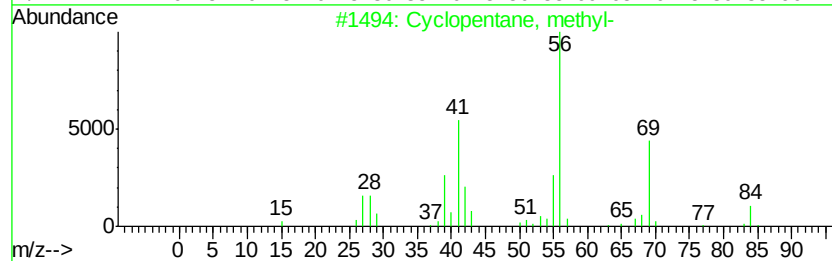
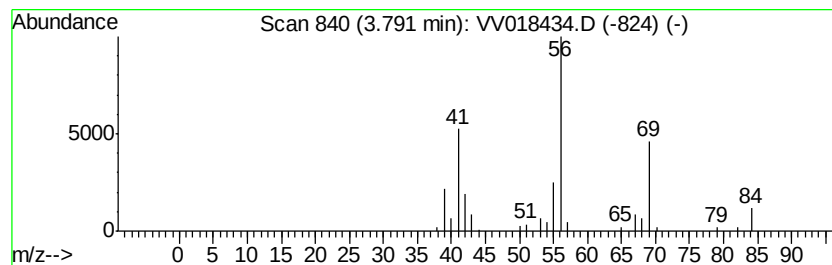
Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic3.79 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.79	3.49 ug/L	48693	1,4-Difluorobenzene	5.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

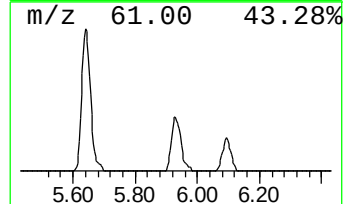
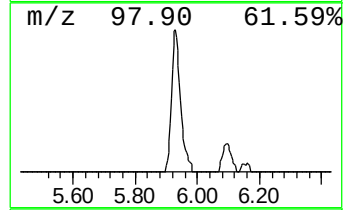
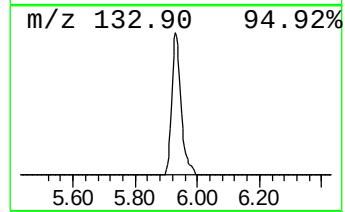
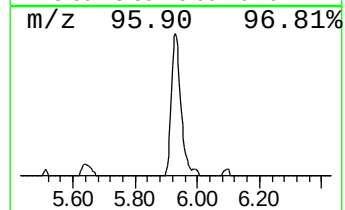
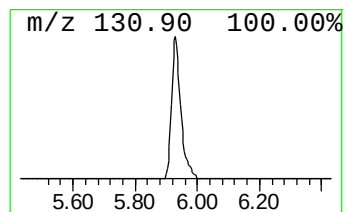
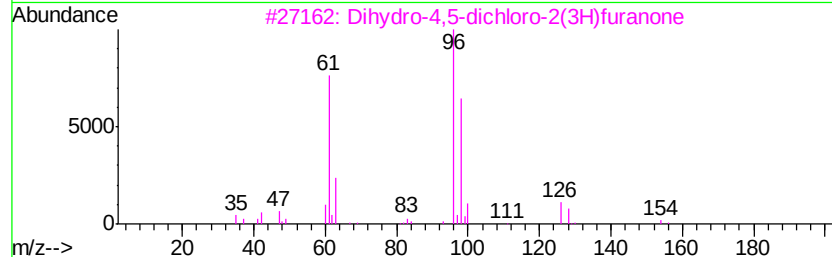
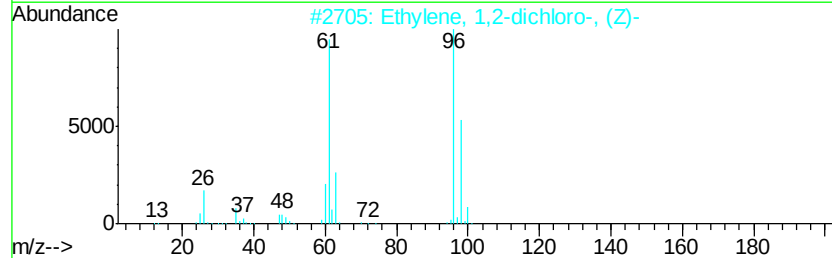
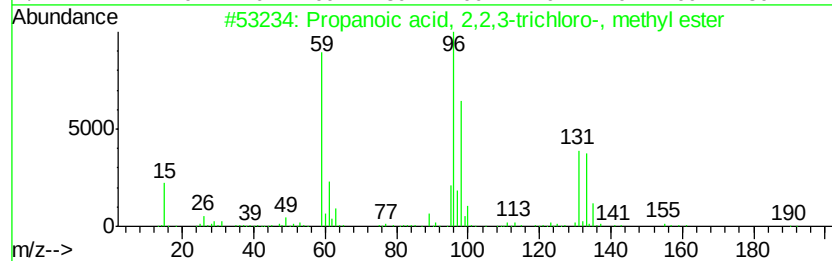
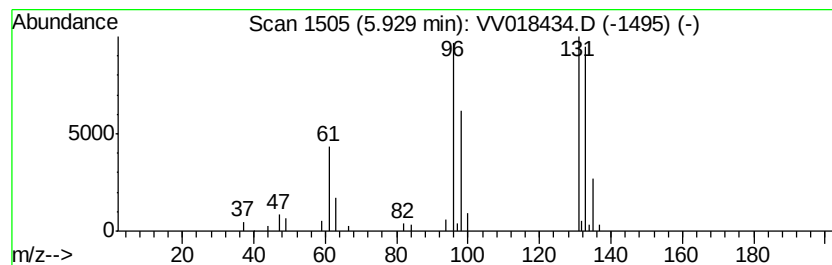
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.91 ug/L	40716	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	37
2		Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	35
3		Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
4		Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	23
5		1,2,4-Triazolidin-3-one, 4-methy...	131	C3H5N3OS	022244-61-7	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

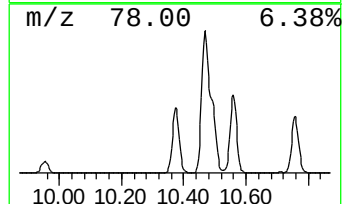
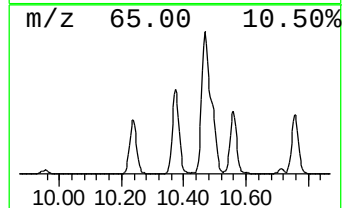
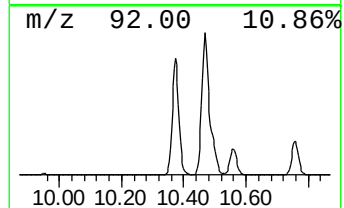
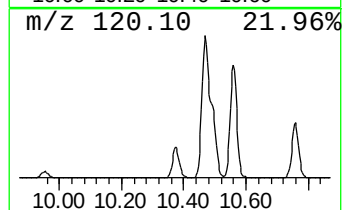
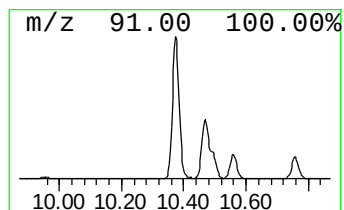
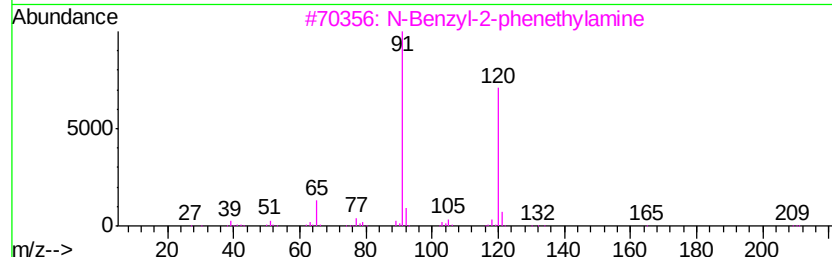
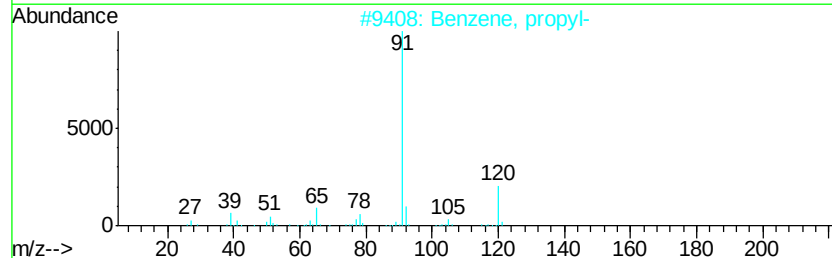
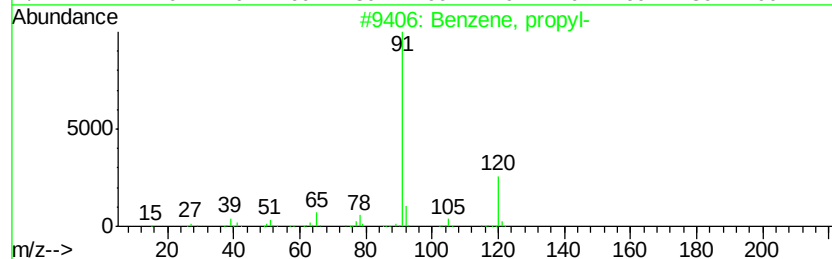
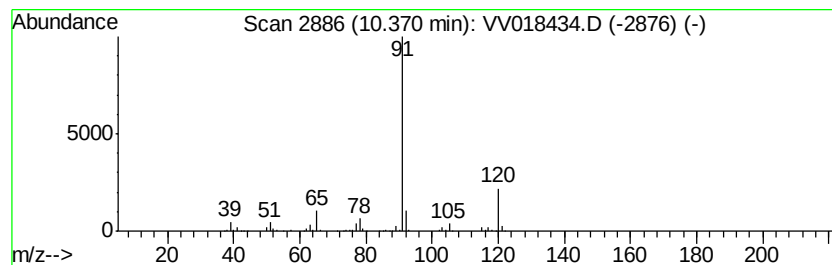
Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 7 Benzene, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	19.76 ug/L	369648	1,4-Dichlorobenzene-d4	11.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, propyl-	120 C9H12	000103-65-1 90
2		Benzene, propyl-	120 C9H12	000103-65-1 90
3		N-Benzyl-2-phenethylamine	211 C15H17N	003647-71-0 83
4		Benzene, propyl-	120 C9H12	000103-65-1 81
5		N-Benzyl-2-phenethylamine	211 C15H17N	003647-71-0 78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

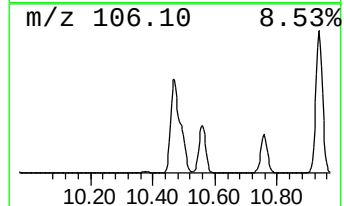
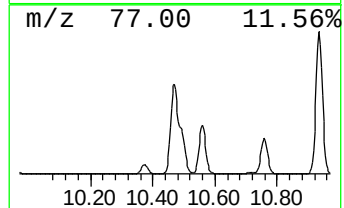
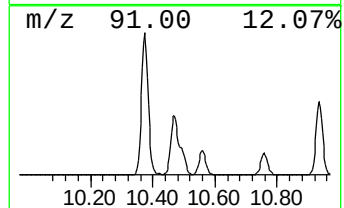
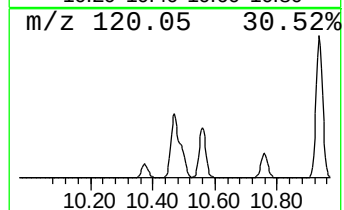
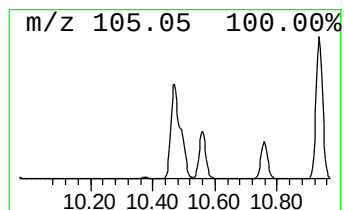
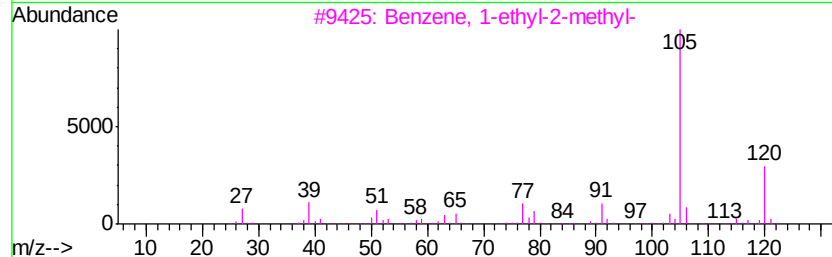
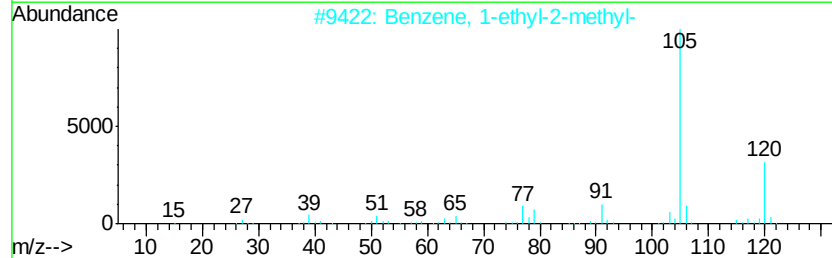
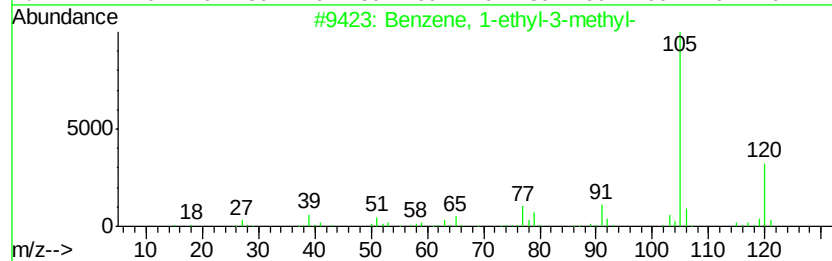
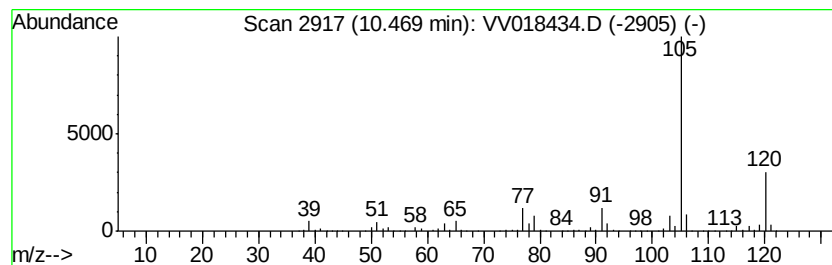
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	116.82 ug/L	2184750	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

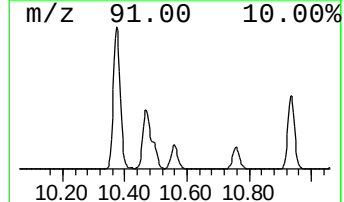
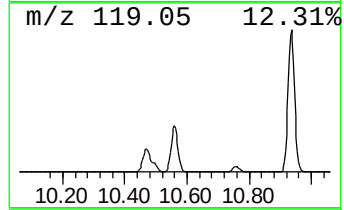
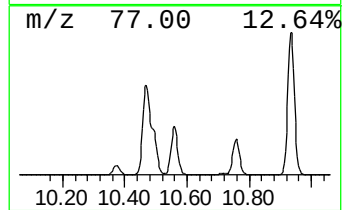
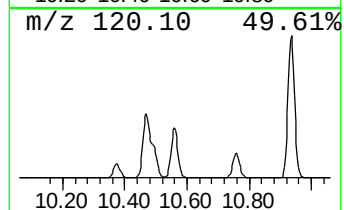
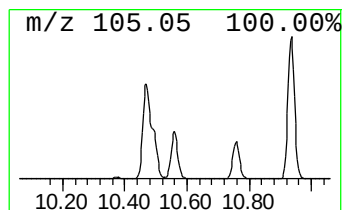
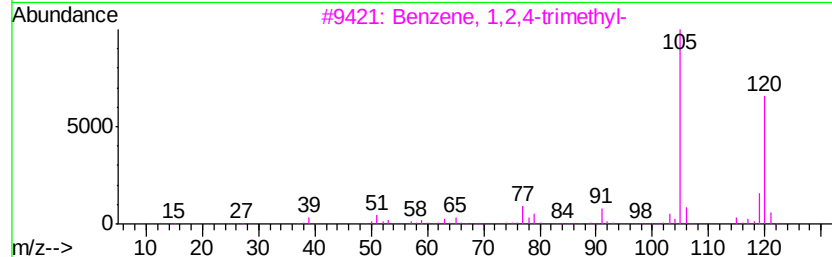
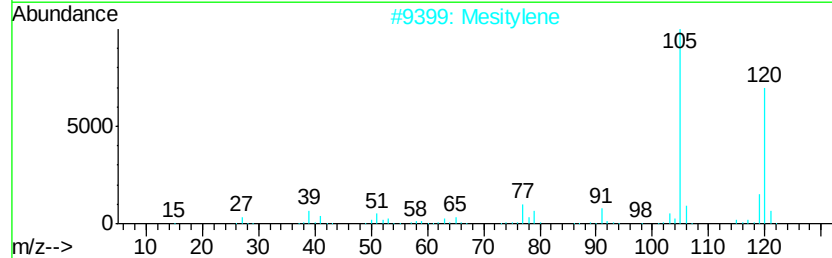
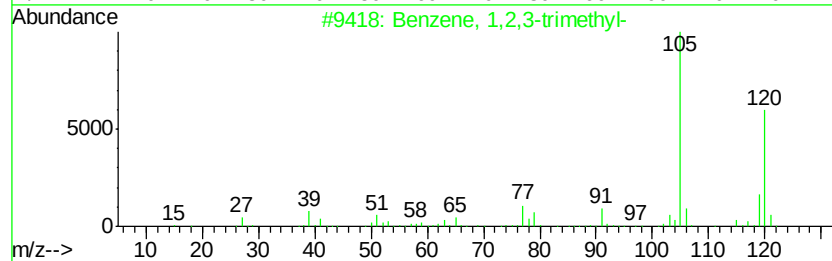
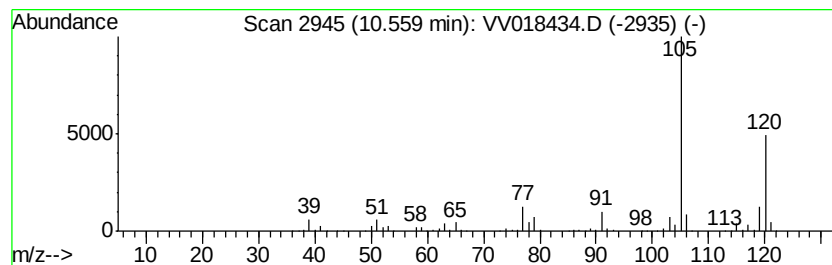
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	43.92 ug/L	821467	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Mesitylene	120	C9H12	000108-67-8	97
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5		Mesitylene	120	C9H12	000108-67-8	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

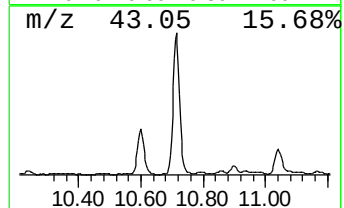
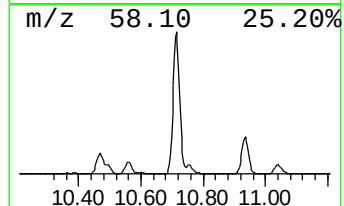
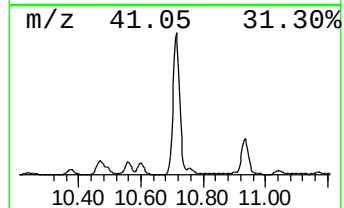
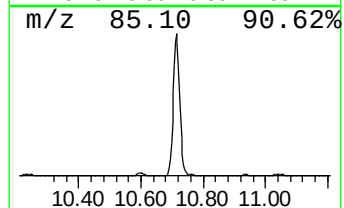
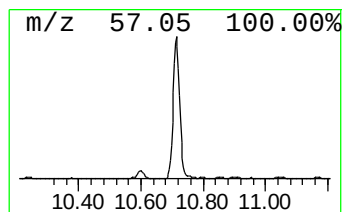
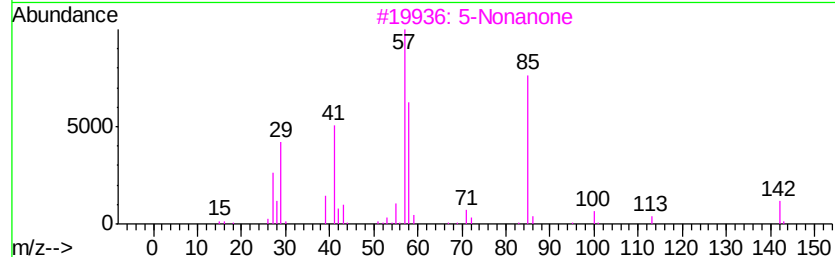
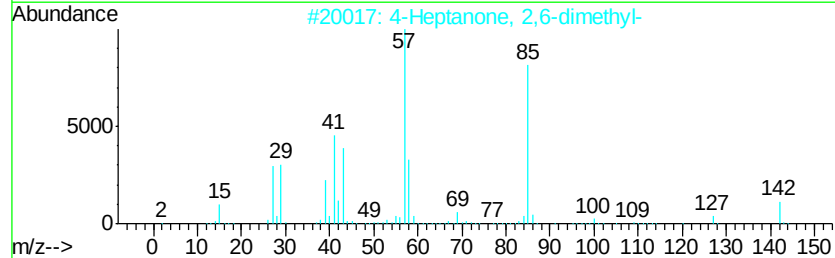
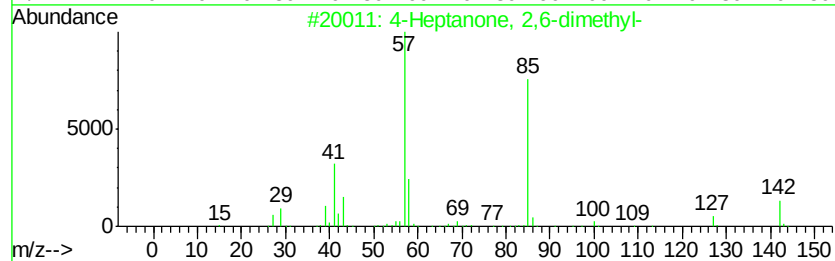
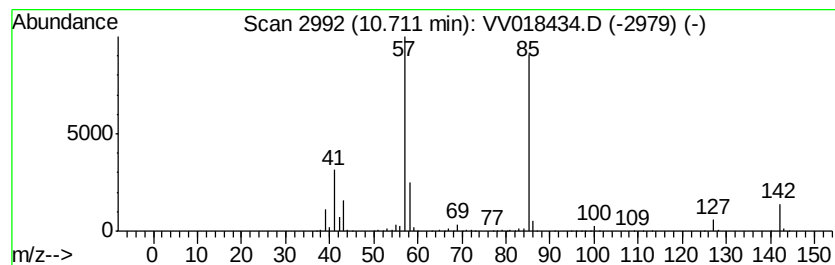
Instrument :
MSVOA_V
ClientSampled :
BG3Y1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 10 4-Heptanone, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.71	51.54 ug/L	963942	1,4-Dichlorobenzene-d4	11.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	94
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	86
3	5-Nonanone	142	C9H18O	000502-56-7	59
4	5-Nonanone	142	C9H18O	000502-56-7	59
5	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

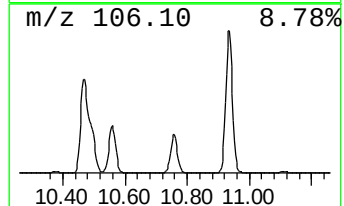
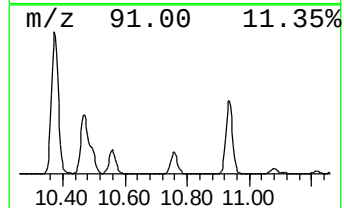
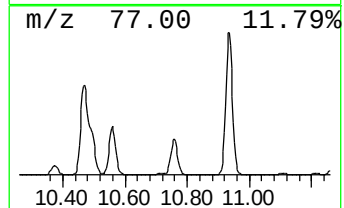
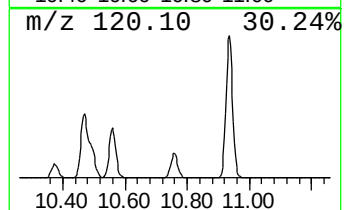
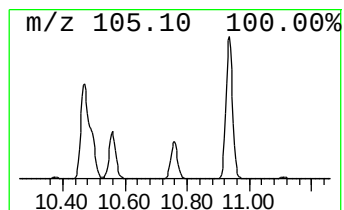
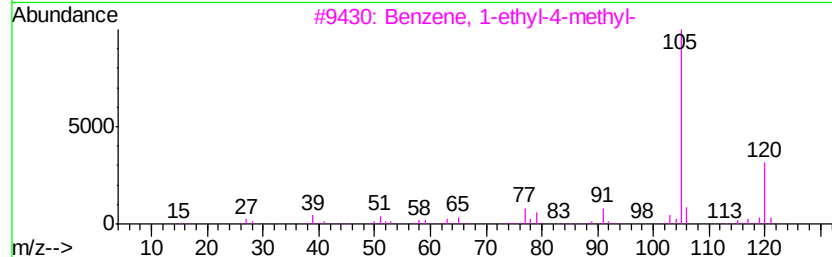
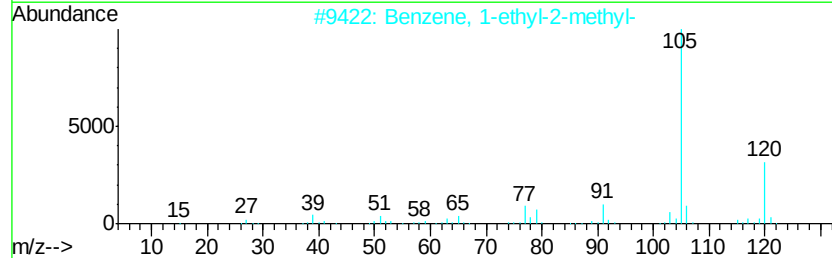
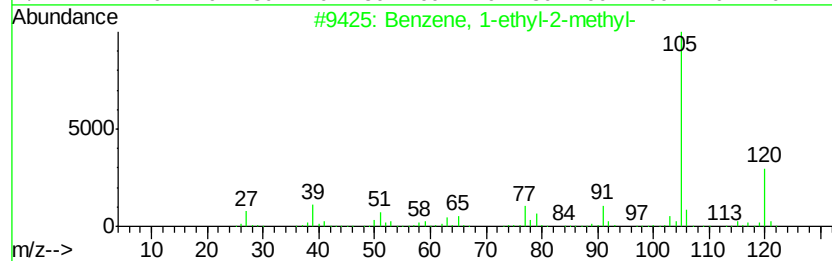
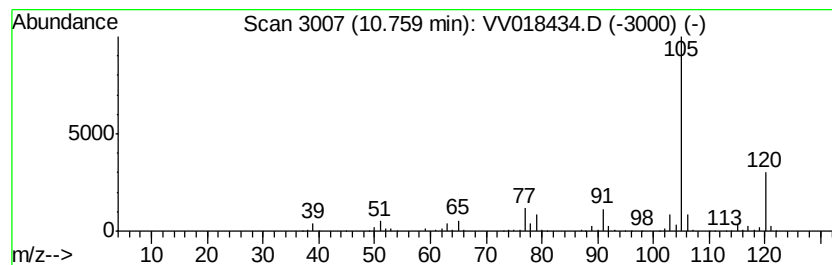
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	33.11 ug/L	619169	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4		Mesitylene	120	C9H12	000108-67-8	90
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

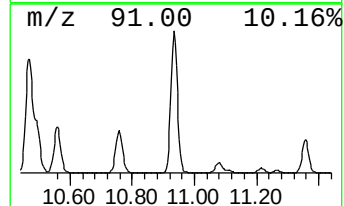
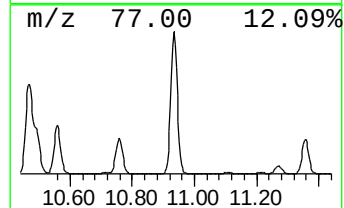
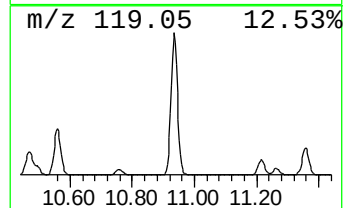
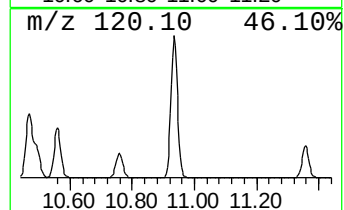
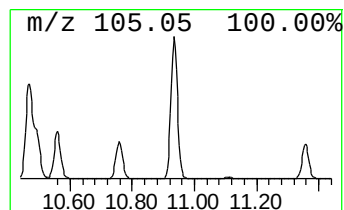
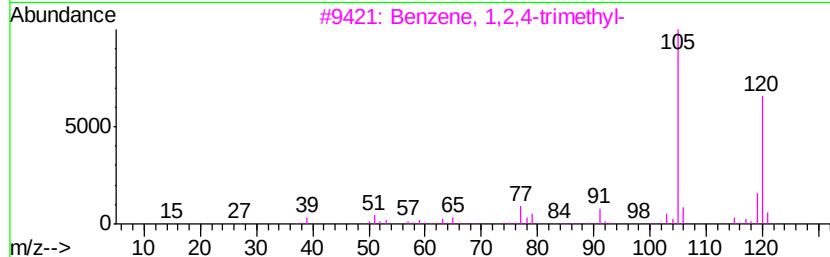
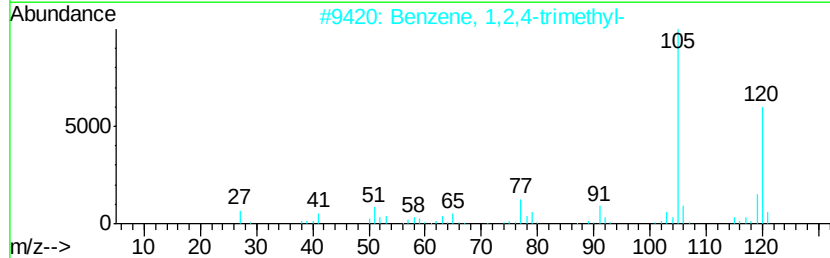
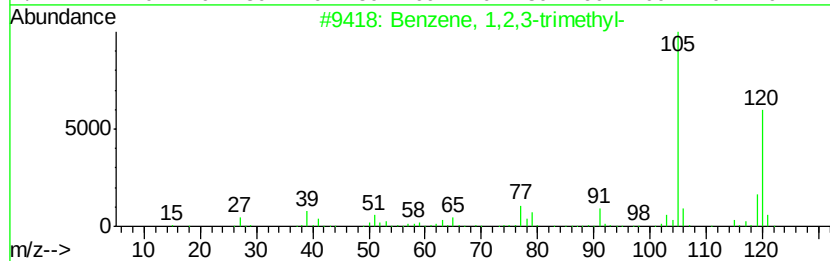
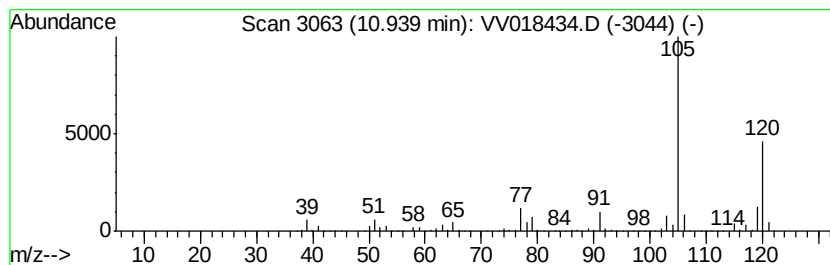
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	137.67 ug/L	2574680	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4		Mesitylene	120	C9H12	000108-67-8	94
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

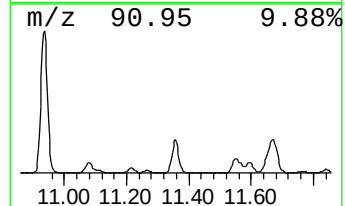
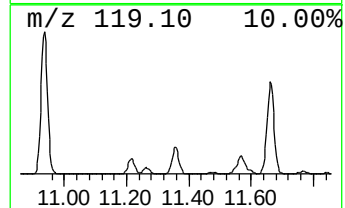
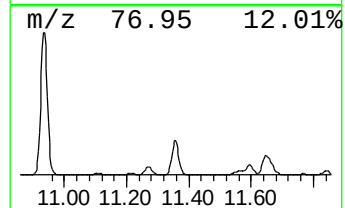
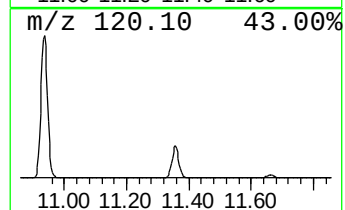
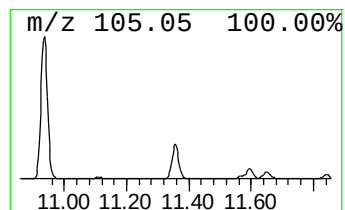
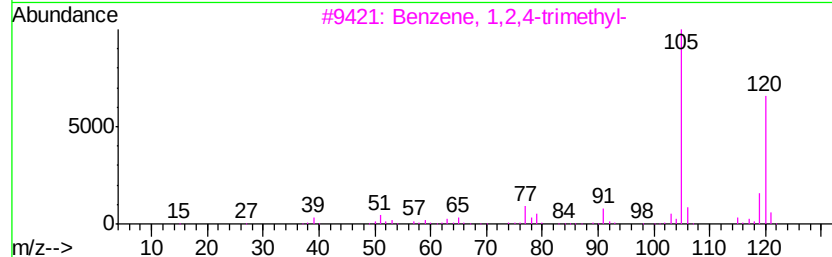
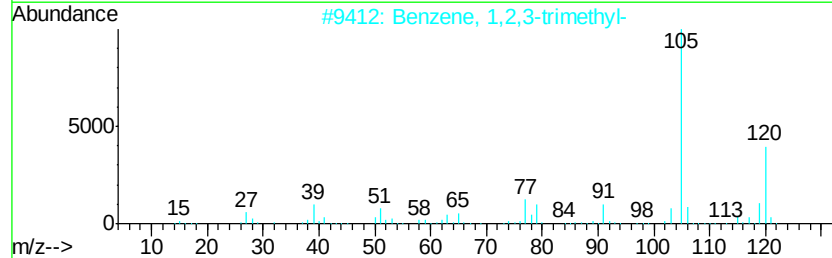
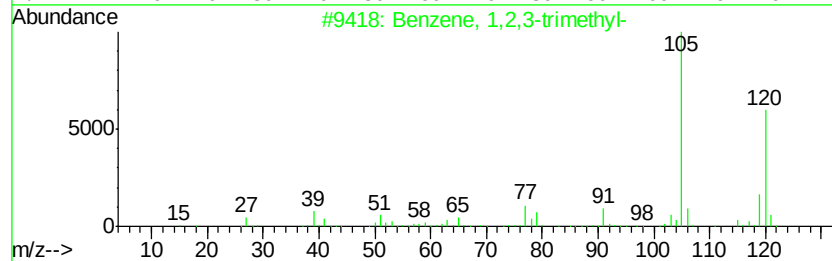
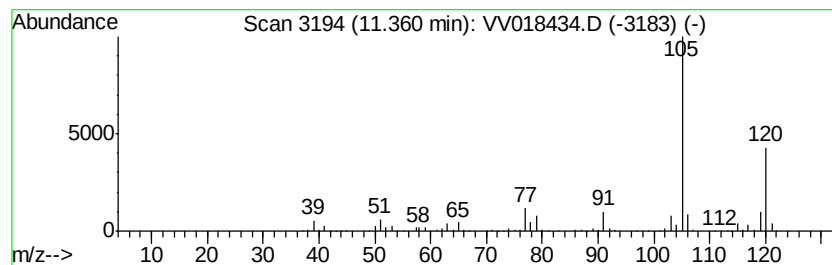
Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 13 Mesitylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.36	33.73 ug/L	630842	1,4-Dichlorobenzene-d4	11.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

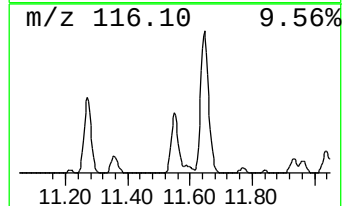
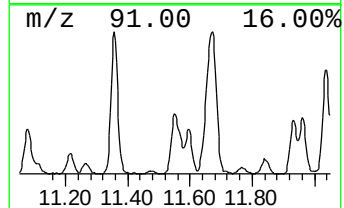
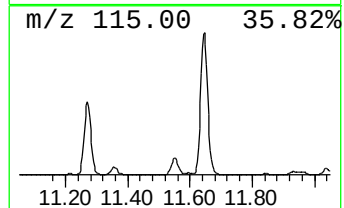
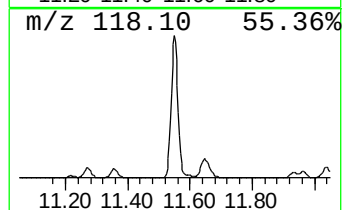
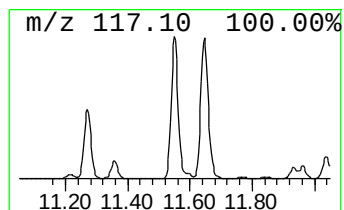
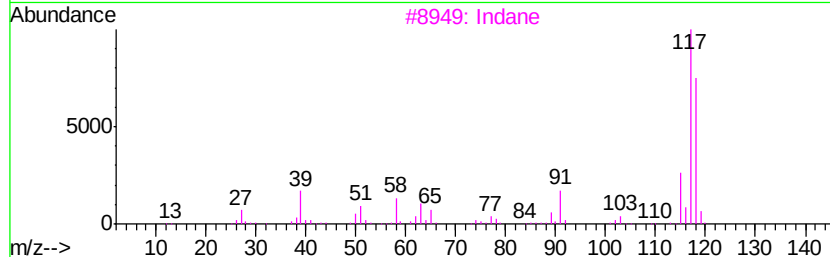
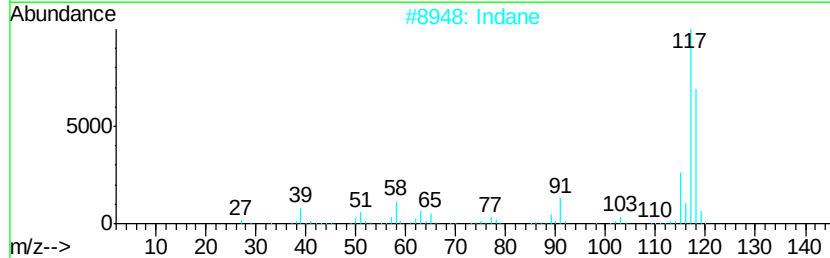
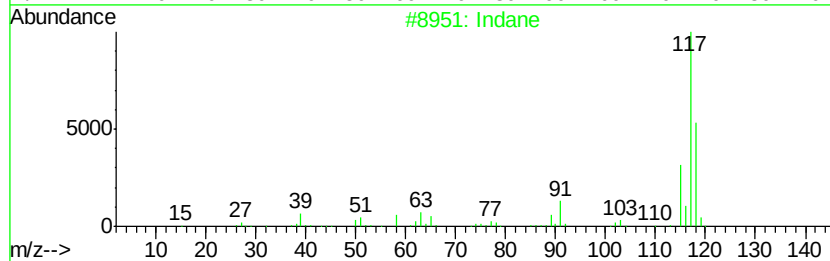
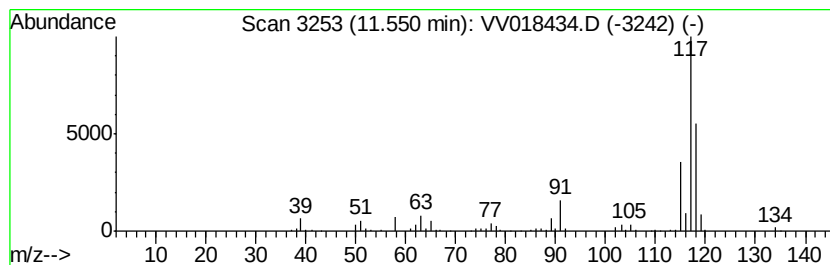
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 14 Indane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	12.90 ug/L	241181	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	94
2		Indane	118	C9H10	000496-11-7	81
3		Indane	118	C9H10	000496-11-7	81
4		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	74
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

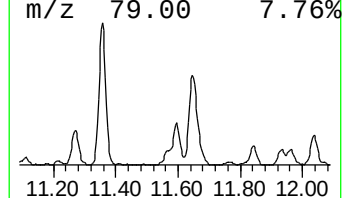
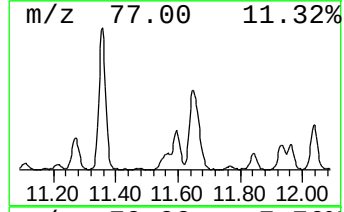
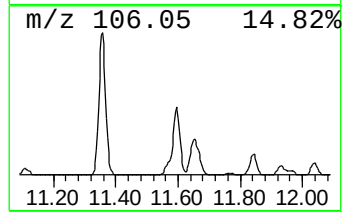
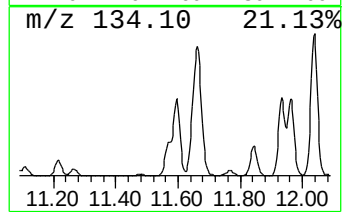
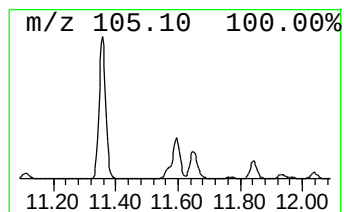
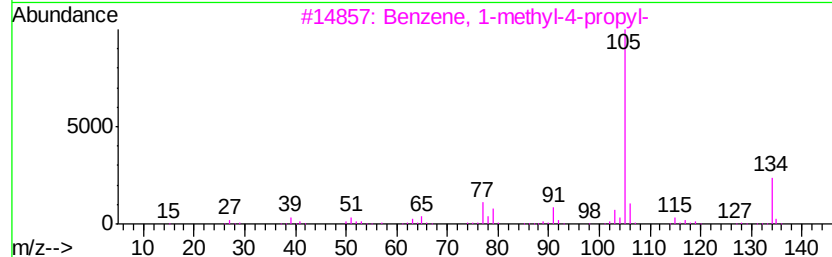
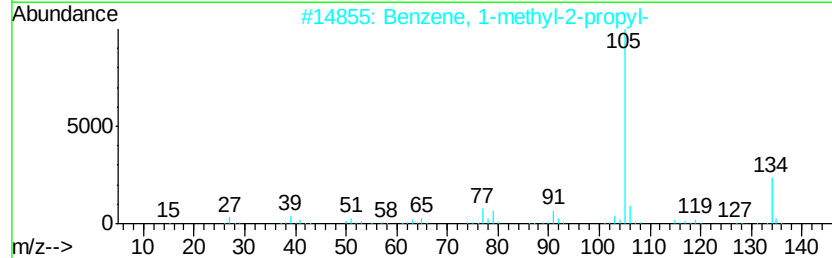
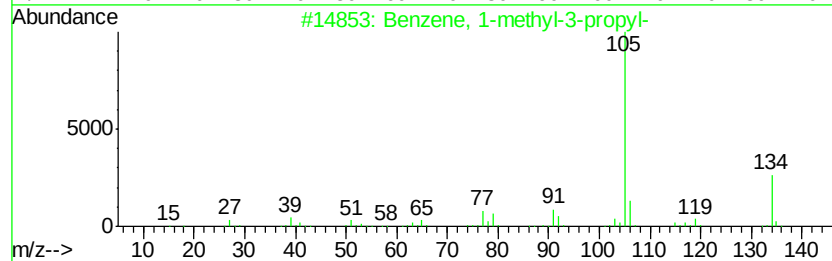
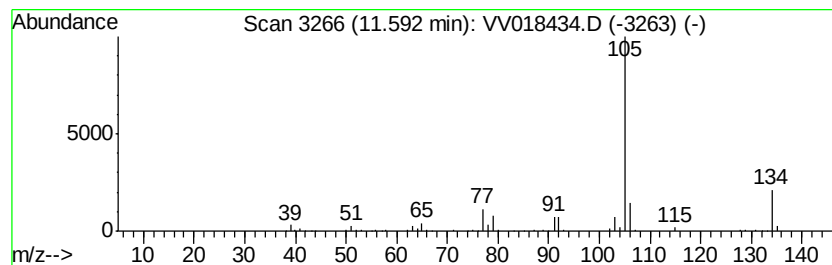
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1-methyl-3-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	7.53 ug/L	140862	1,4-Dichlorobenzene-d4	11.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
5			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

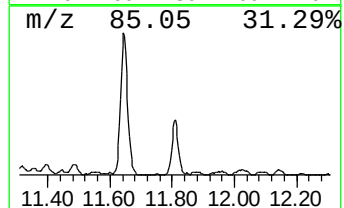
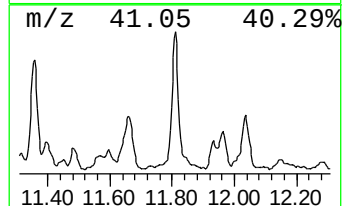
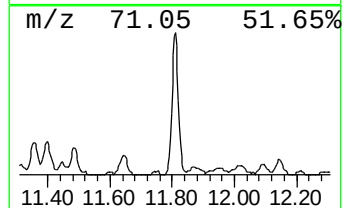
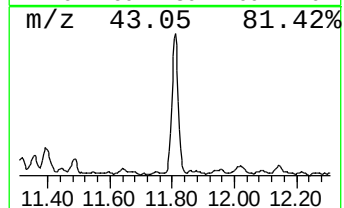
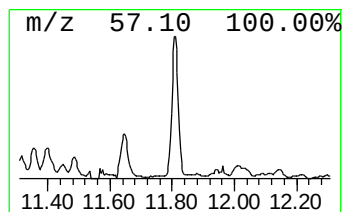
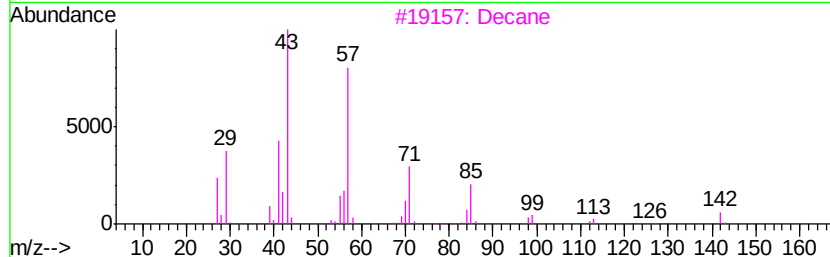
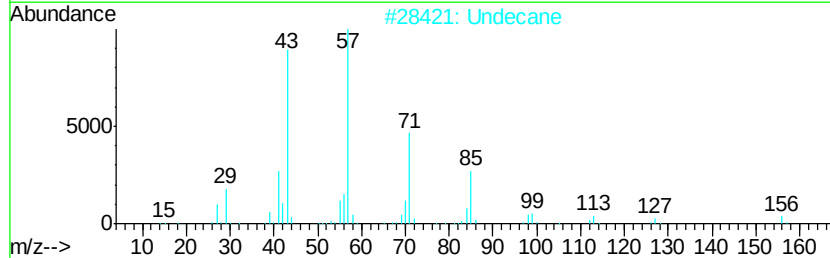
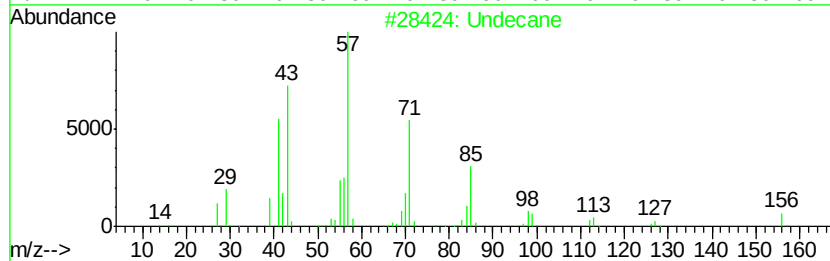
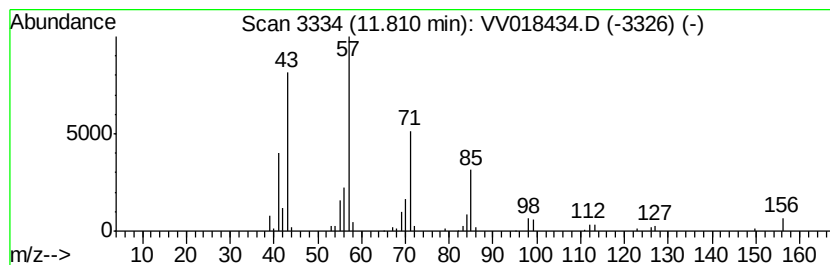
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	3.88 ug/L	72628	1,4-Dichlorobenzene-d4	11.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	96
2	Undecane			156	C11H24	001120-21-4	91
3	Decane			142	C10H22	000124-18-5	90
4	Undecane			156	C11H24	001120-21-4	87
5	Undecane			156	C11H24	001120-21-4	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

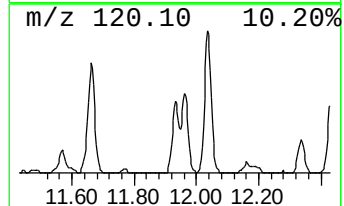
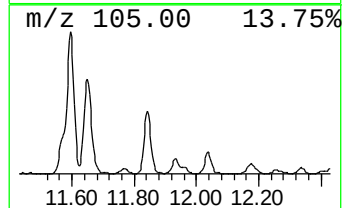
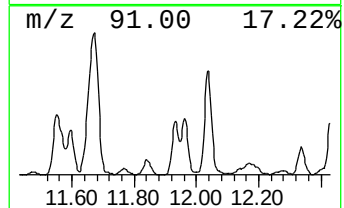
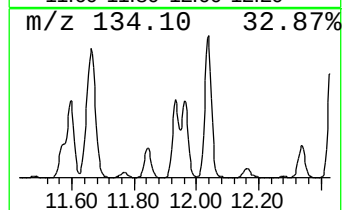
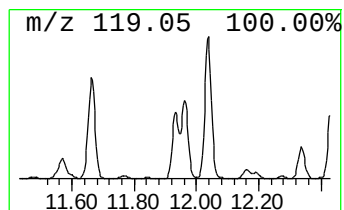
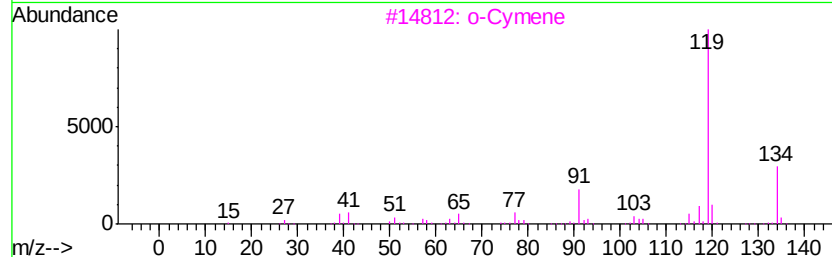
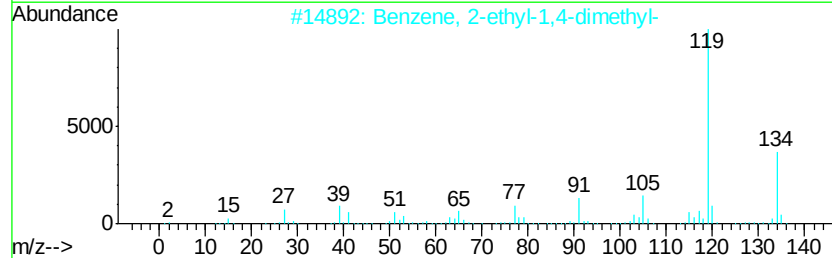
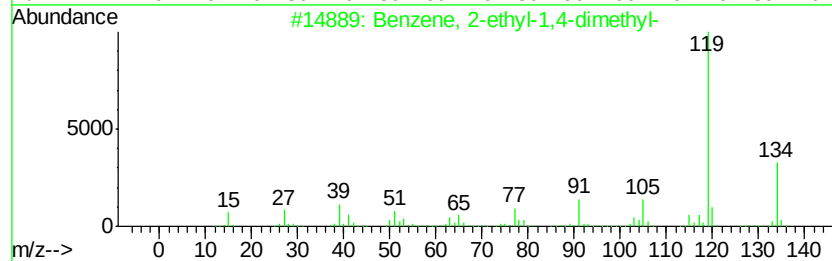
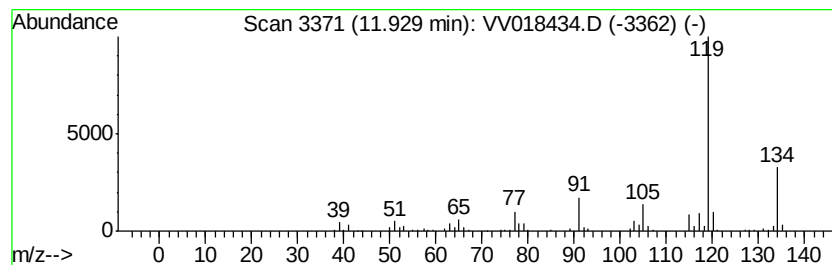
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	7.80 ug/L	145954	1,4-Dichlorobenzene-d4	11.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

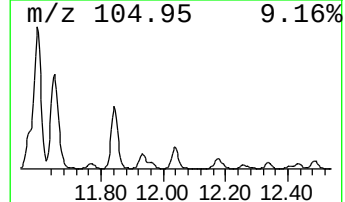
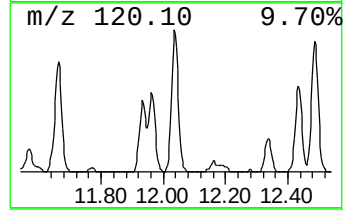
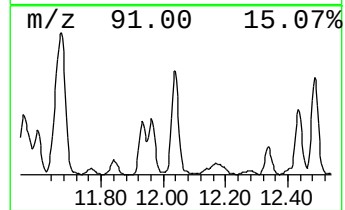
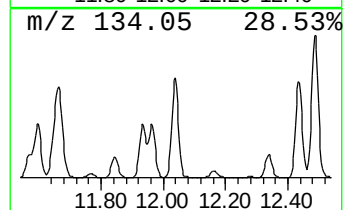
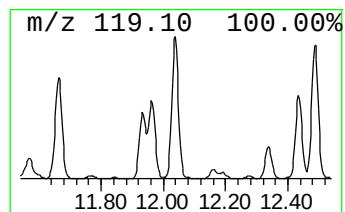
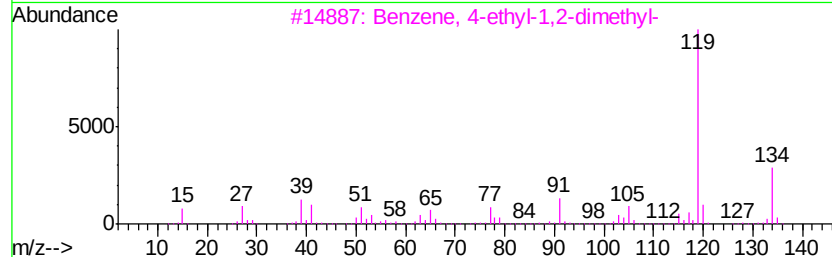
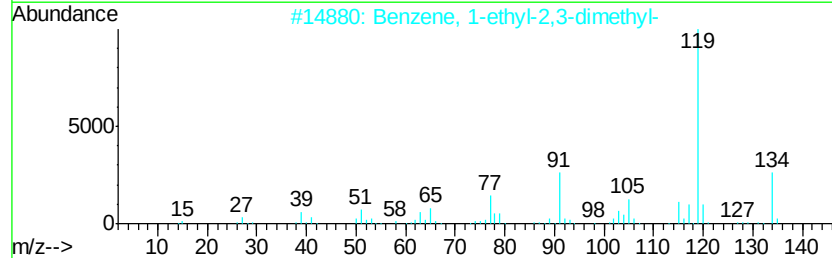
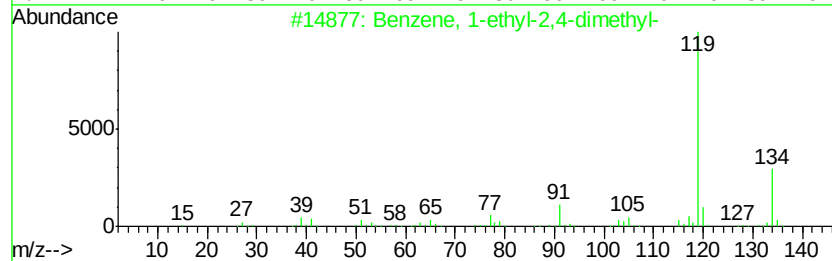
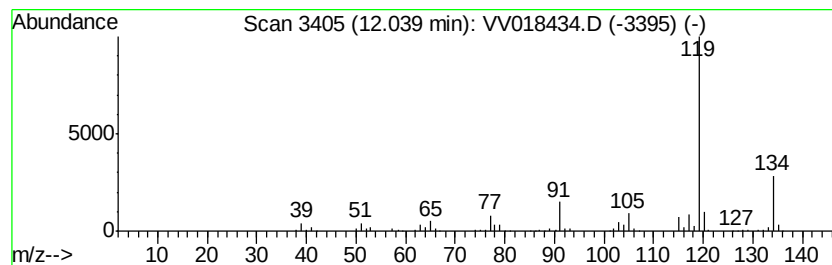
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	15.15 ug/L	283271	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

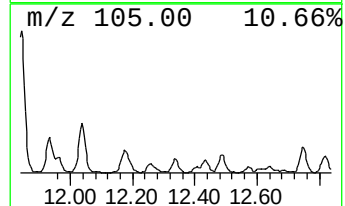
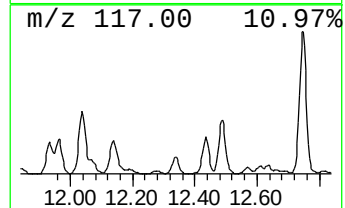
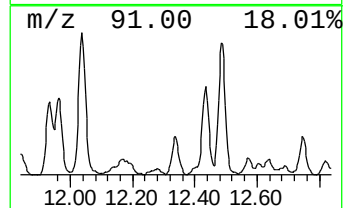
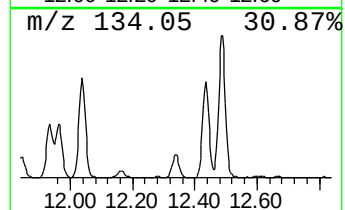
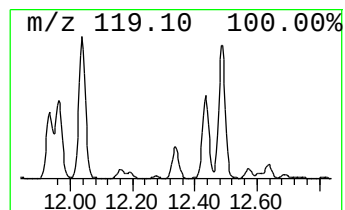
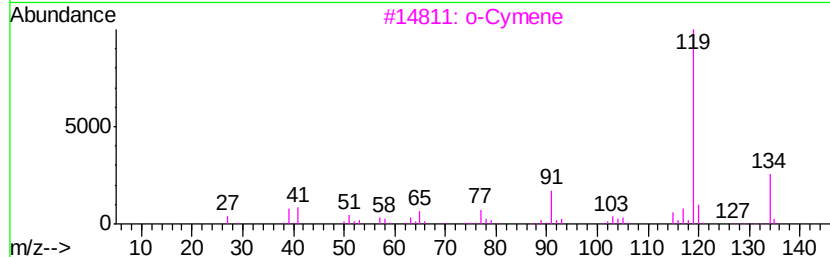
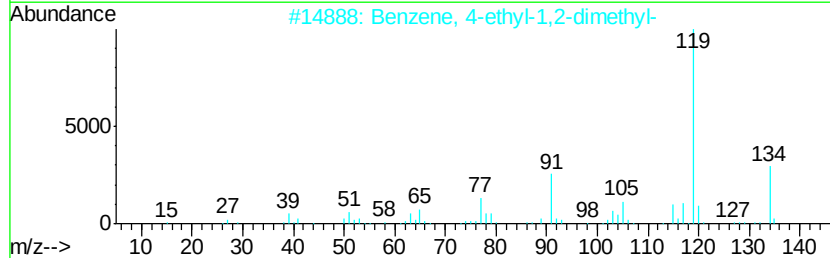
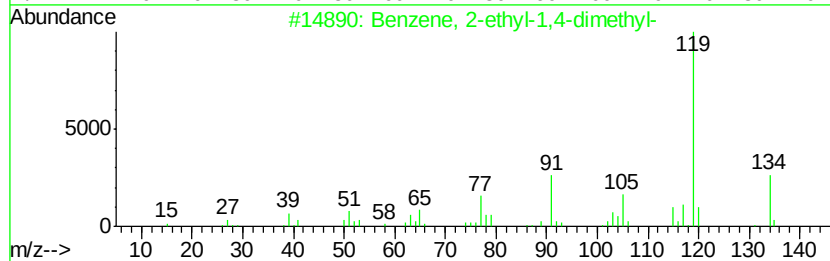
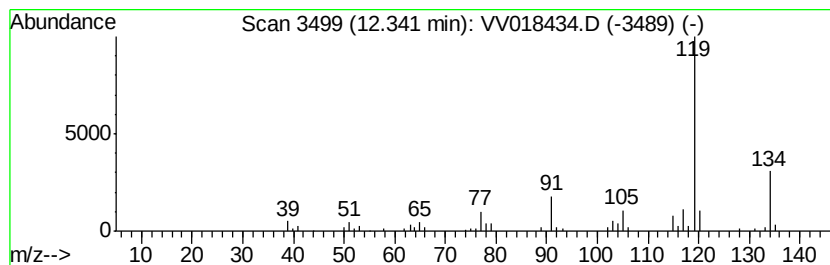
Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 19 o-Cymene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.34	3.36 ug/L	62885	1,4-Dichlorobenzene-d4	11.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	p-Cymene	134	C10H14	000099-87-6	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

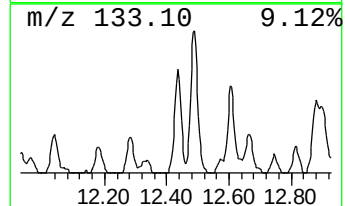
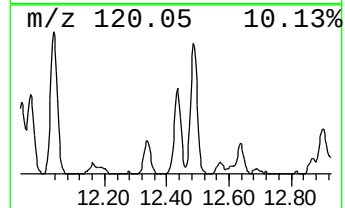
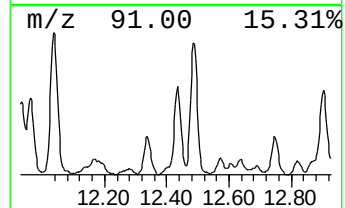
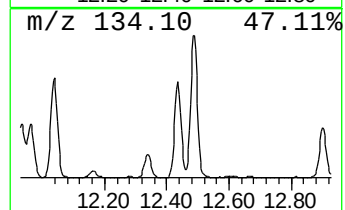
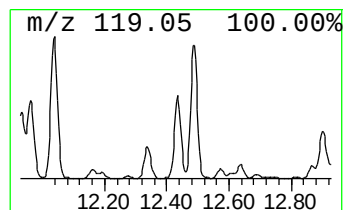
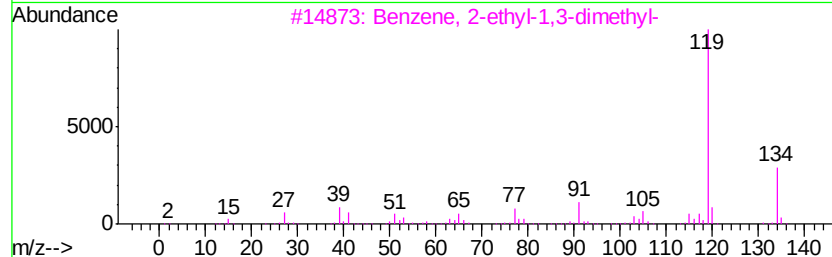
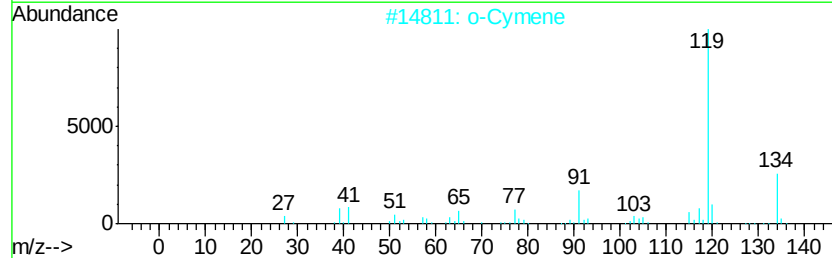
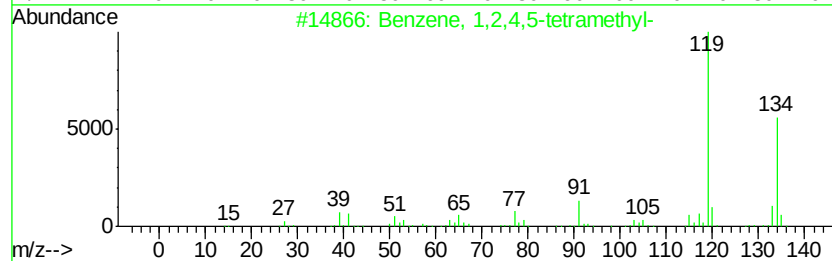
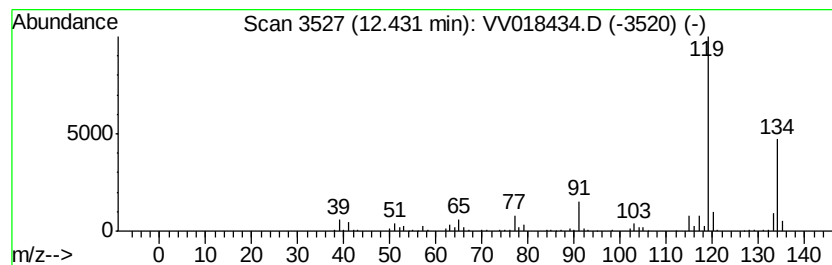
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 20 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	8.79 ug/L	164332	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

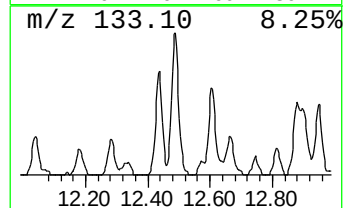
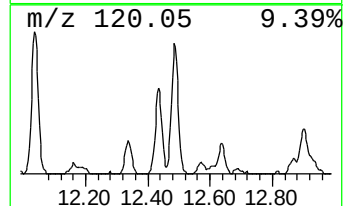
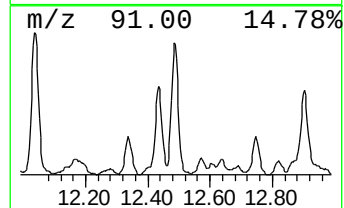
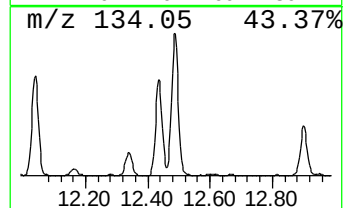
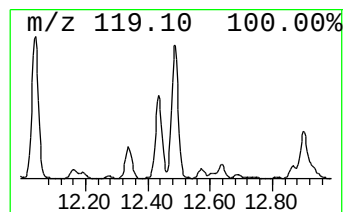
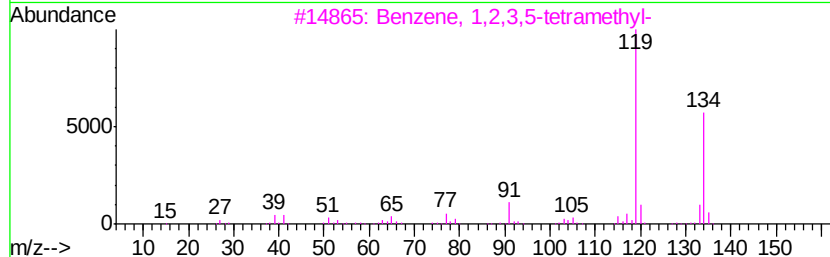
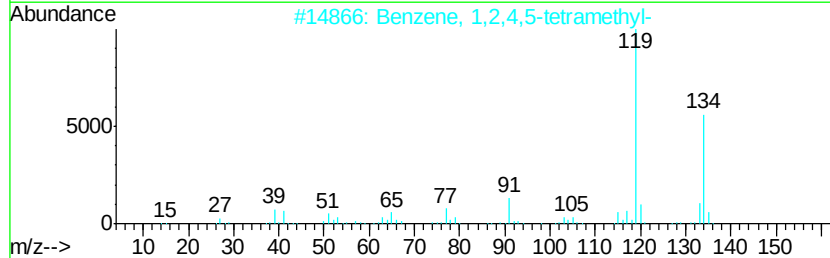
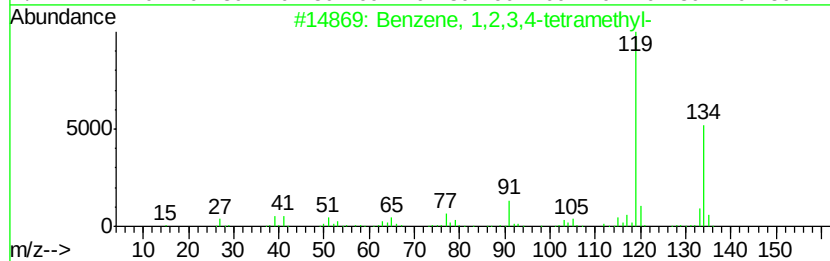
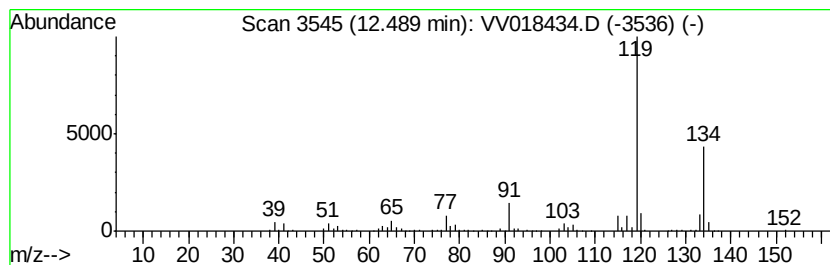
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 21 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	15.31 ug/L	286411	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

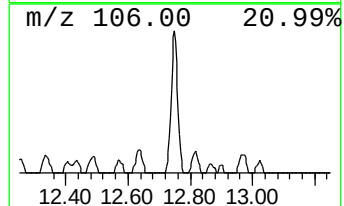
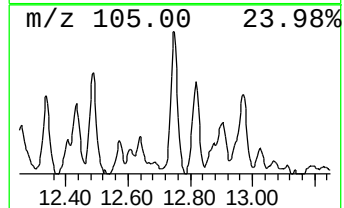
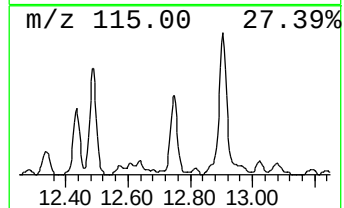
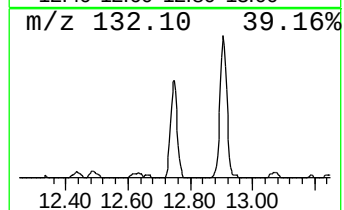
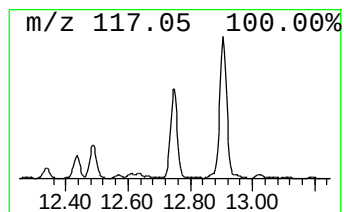
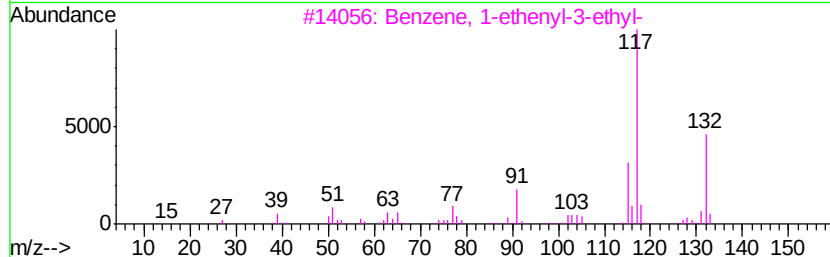
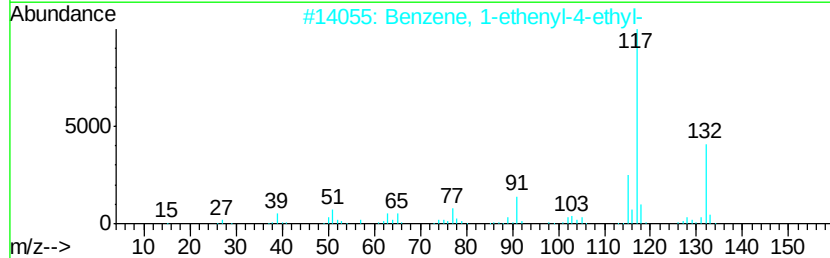
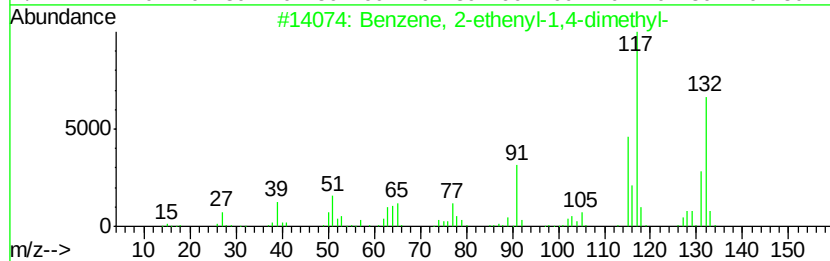
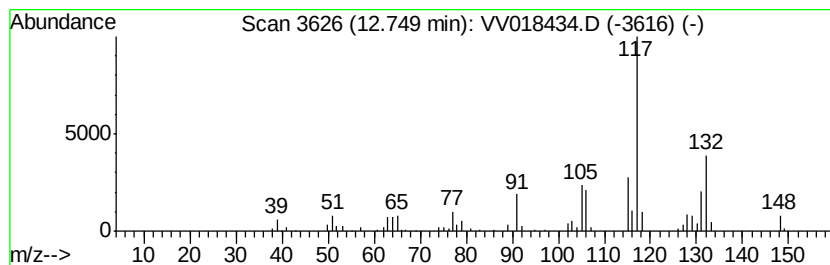
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 22 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	4.82 ug/L	90125	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	92
3		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
5		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

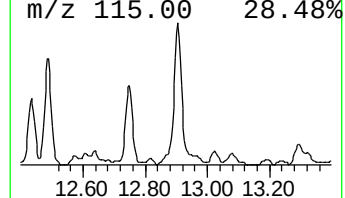
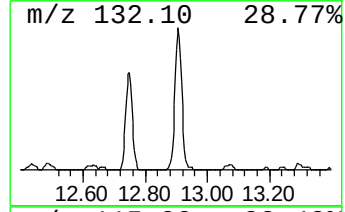
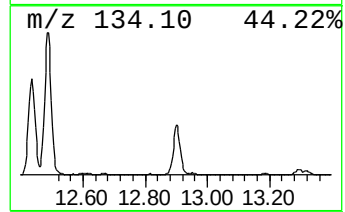
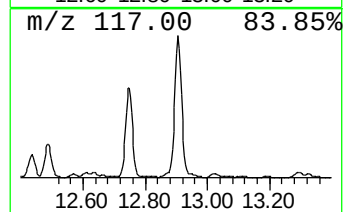
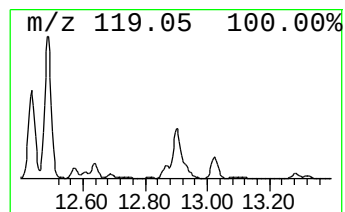
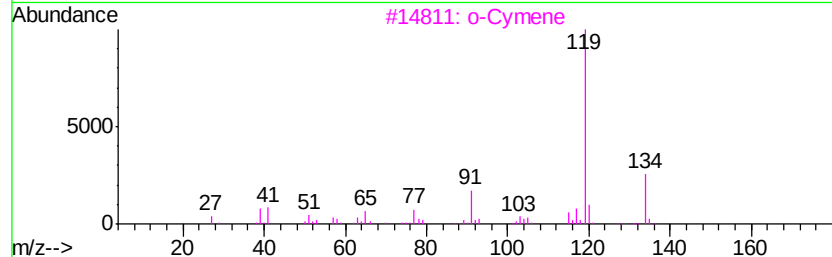
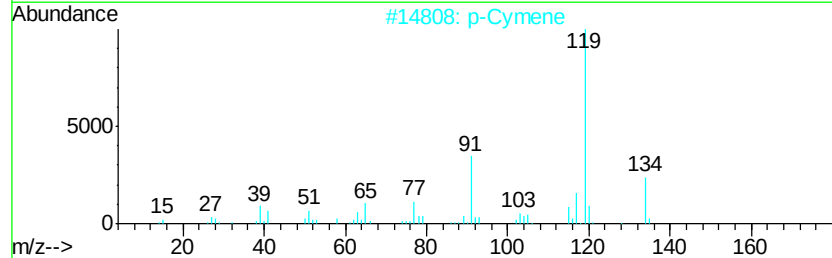
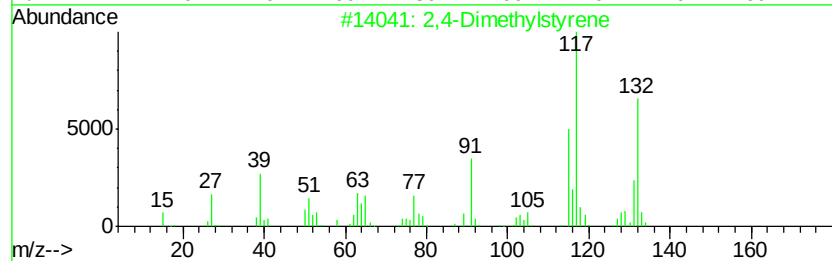
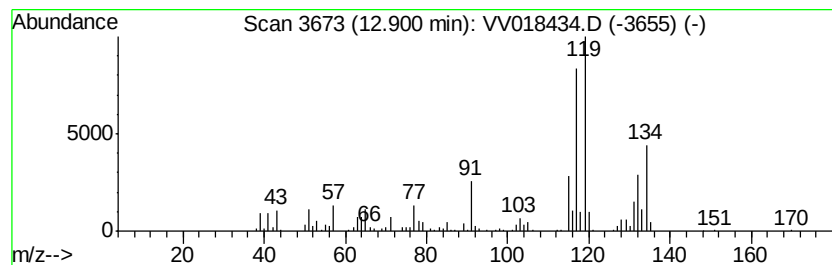
Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 23 2,4-Dimethylstyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.90	15.88 ug/L	296999	1,4-Dichlorobenzene-d4	11.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	83
2	p-Cymene	134	C10H14	000099-87-6	50
3	o-Cymene	134	C10H14	000527-84-4	50
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	50
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

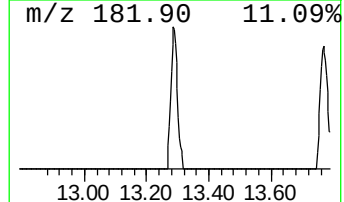
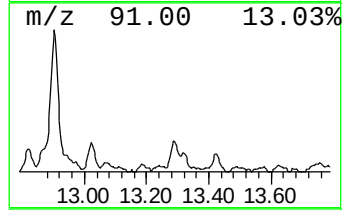
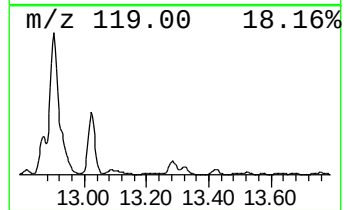
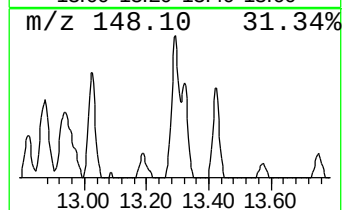
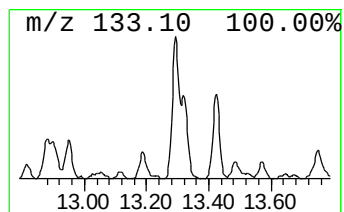
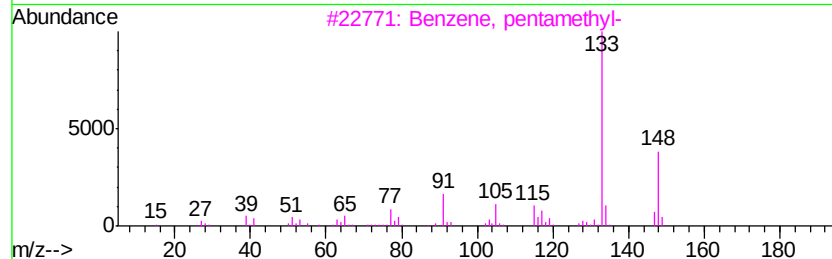
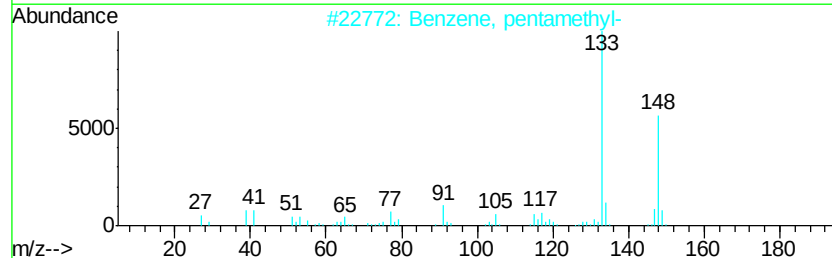
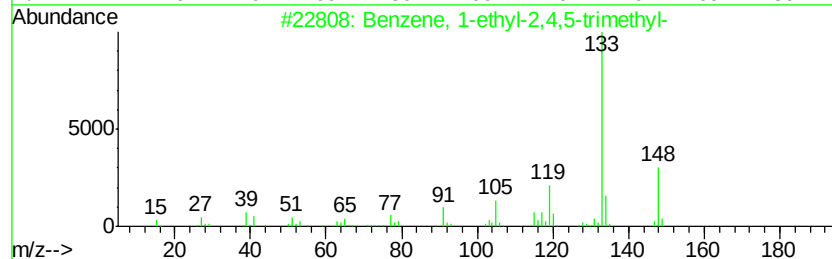
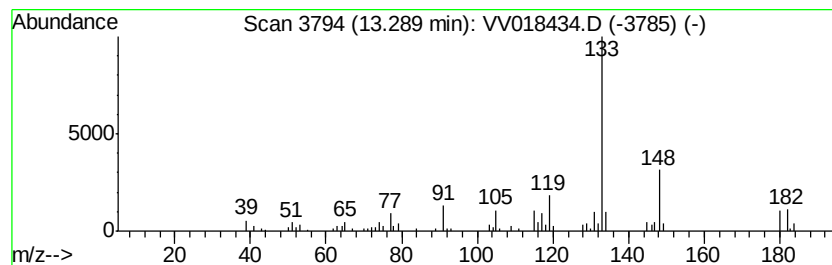
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 24 Benzene, pentamethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.89 ug/L	54134	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	81
2		Benzene, pentamethyl-	148	C11H16	000700-12-9	76
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	76
4		Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	76
5		3,4-Dimethylcumene	148	C11H16	1000370-34-1	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092420\
Data File : VV018434.D
Acq On : 24 Sep 2020 17:29
Operator : SY/MD
Sample : L4109-17 20X
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1

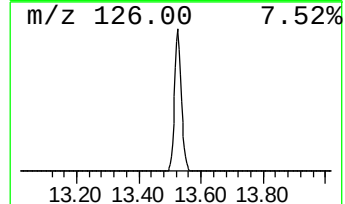
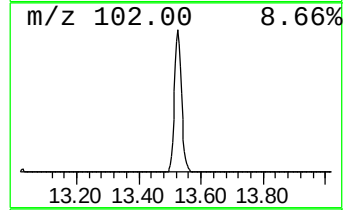
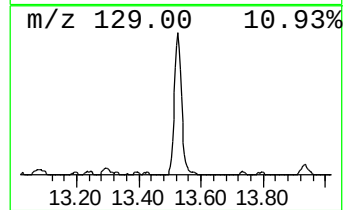
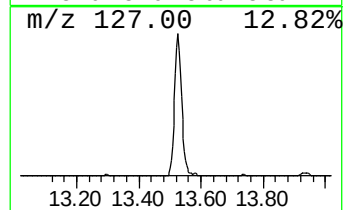
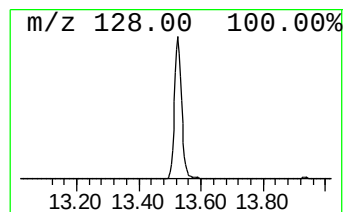
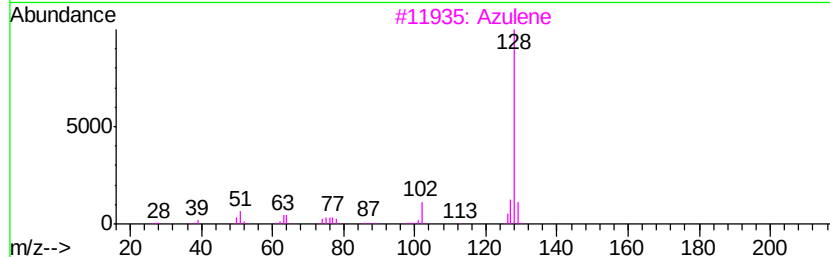
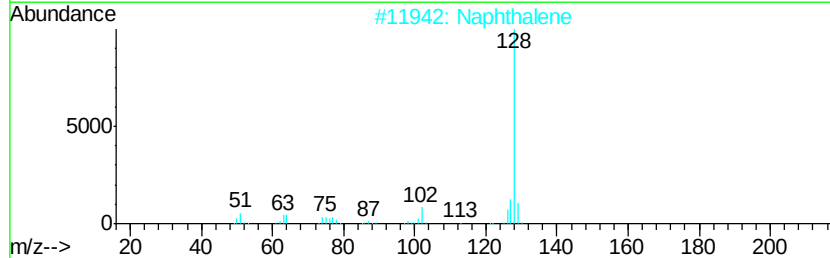
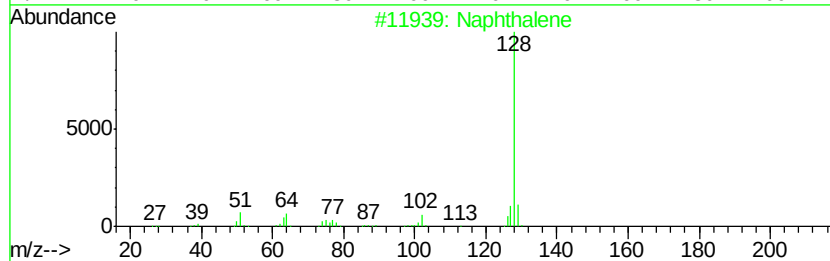
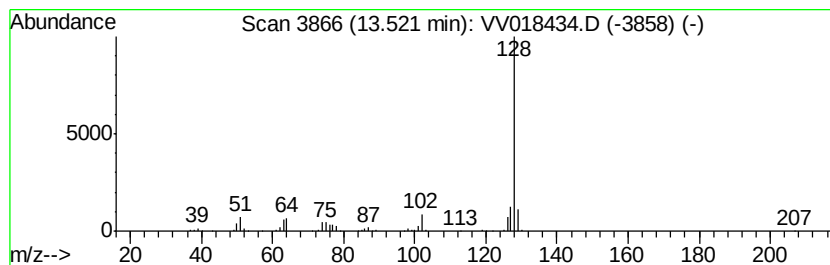
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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

Peak Number 25 Azulene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	12.18 ug/L	227740	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene	128	C10H8	000091-20-3	95
2		Naphthalene	128	C10H8	000091-20-3	95
3		Azulene	128	C10H8	000275-51-4	94
4		Naphthalene	128	C10H8	000091-20-3	91
5		Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
 Data File : VV018434.D
 Acq On : 24 Sep 2020 17:29
 Operator : SY/MD
 Sample : L4109-17 20X
 Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	2.55	2.9	ug/L	39826	1	5.64	698406	50.0
(DEL) Alkane: Str...	2.78	4.6	ug/L	63676	1	5.64	698406	50.0
(DEL) Alkane: Str...	3.06	13.4	ug/L	187850	1	5.64	698406	50.0
(DEL) Alkane: Cyc...	3.79	3.5	ug/L	48693	1	5.64	698406	50.0
unknown-01	5.93	2.9	ug/L	40716	1	5.64	698406	50.0
Benzene, propyl-	10.37	19.8	ug/L	369648	3	11.27	935122	50.0
Benzene, 1-ethyl-...	10.47	116.8	ug/L	2184750	3	11.27	935122	50.0
Benzene, 1,2,3-tr...	10.56	43.9	ug/L	821467	3	11.27	935122	50.0
4-Heptanone, 2,6-...	10.71	51.5	ug/L	963942	3	11.27	935122	50.0
Benzene, 1-ethyl-...	10.76	33.1	ug/L	619169	3	11.27	935122	50.0
Benzene, 1,2,4-tr...	10.94	137.7	ug/L	2574680	3	11.27	935122	50.0
Mesitylene	11.36	33.7	ug/L	630842	3	11.27	935122	50.0
Indane	11.55	12.9	ug/L	241181	3	11.27	935122	50.0
Benzene, 1-methyl...	11.59	7.5	ug/L	140862	3	11.27	935122	50.0
(DEL) Alkane: Str...	11.81	3.9	ug/L	72628	3	11.27	935122	50.0
Benzene, 2-ethyl-...	11.93	7.8	ug/L	145954	3	11.27	935122	50.0
Benzene, 1-ethyl-...	12.04	15.2	ug/L	283271	3	11.27	935122	50.0
o-Cymene	12.34	3.4	ug/L	62885	3	11.27	935122	50.0
Benzene, 1,2,4,5-...	12.43	8.8	ug/L	164332	3	11.27	935122	50.0
Benzene, 1,2,3,4-...	12.49	15.3	ug/L	286411	3	11.27	935122	50.0
Benzene, 2-etheny...	12.75	4.8	ug/L	90125	3	11.27	935122	50.0
2,4-Dimethylstyrene	12.90	15.9	ug/L	296999	3	11.27	935122	50.0
Benzene, pentamet...	13.29	2.9	ug/L	54134	3	11.27	935122	50.0
Azulene	13.52	12.2	ug/L	227740	3	11.27	935122	50.0