

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018519.D
 Acq On : 29 Sep 2020 16:19
 Operator : SY/MD
 Sample : L4109-04ME
 Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3W8ME

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\SOMVLM092920WMA.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	1.312	62	69	84	rVB	131551	154306	2.16%	0.268%
2	1.579	144	152	168	rBV	89716	133476	1.87%	0.231%
3	2.100	303	314	326	rBV	264694	385319	5.39%	0.668%
4	2.528	418	447	469	rBV	604633	1210884	16.93%	2.099%
5	2.627	469	478	495	rVB	7778	16638	0.23%	0.029%
6	2.759	502	519	543	rBV	1147087	2300786	32.17%	3.989%
7	3.042	590	607	635	rVV	3503794	6921082	96.77%	11.999%
8	3.232	655	666	674	rVV4	6714	14491	0.20%	0.025%
9	3.283	674	682	696	rVB3	12950	26025	0.36%	0.045%
10	3.377	697	711	724	rBV2	7779	17500	0.24%	0.030%
11	3.550	747	765	790	rBV2	91858	272763	3.81%	0.473%
12	3.679	790	805	817	rBV3	62923	153281	2.14%	0.266%
13	3.772	817	834	855	rVB	750910	1887606	26.39%	3.272%
14	3.933	874	884	917	rBV2	60812	188801	2.64%	0.327%
15	4.373	1003	1021	1045	rBV2	189351	496016	6.93%	0.860%
16	4.630	1085	1101	1109	rVV2	45354	112980	1.58%	0.196%
17	4.692	1110	1120	1139	rVV4	80611	203913	2.85%	0.354%
18	4.930	1181	1194	1208	rBV2	8155	19614	0.27%	0.034%
19	5.065	1220	1236	1268	rBV2	508902	1263744	17.67%	2.191%
20	5.511	1362	1375	1391	rBV4	10443	23167	0.32%	0.040%
21	5.637	1401	1414	1449	rBV	414998	858796	12.01%	1.489%
22	5.929	1483	1505	1521	rBV7	16827	45068	0.63%	0.078%
23	6.093	1542	1556	1585	rBV	261919	569380	7.96%	0.987%
24	6.798	1759	1775	1786	rBV3	6851	14225	0.20%	0.025%
25	7.010	1827	1841	1862	rBV	149214	292757	4.09%	0.508%
26	7.280	1913	1925	1932	rBV4	17552	32326	0.45%	0.056%
27	7.338	1932	1943	1955	rVV	595139	1055165	14.75%	1.829%
28	7.409	1955	1965	1990	rVB	608814	1082680	15.14%	1.877%
29	7.643	2029	2038	2066	rBV	95826	210681	2.95%	0.365%
30	8.145	2172	2194	2234	rVV2	142820	533311	7.46%	0.925%
31	8.875	2409	2421	2448	rBV	588099	1100557	15.39%	1.908%
32	9.035	2458	2471	2493	rBV	233570	400642	5.60%	0.695%
33	9.158	2495	2509	2524	rBV	955156	1679625	23.48%	2.912%
34	9.225	2524	2530	2546	rVB4	33416	60122	0.84%	0.104%

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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Title : VOC Analysis

35	9.495	2600	2614	2624	rBV5	12166	22565	0.32%	0.039%
36	9.566	2624	2636	2656	rBV	385185	675391	9.44%	1.171%
37	9.733	2680	2688	2696	rVB4	16942	26215	0.37%	0.045%
38	9.820	2697	2715	2724	rBV6	14169	31276	0.44%	0.054%
39	9.871	2724	2731	2740	rVB4	8220	14076	0.20%	0.024%
40	9.955	2740	2757	2774	rBV	182058	313107	4.38%	0.543%
41	10.039	2775	2783	2791	rBV2	13489	20034	0.28%	0.035%
42	10.106	2791	2804	2808	rBV5	16509	29433	0.41%	0.051%
43	10.145	2808	2816	2827	rVB3	52996	95141	1.33%	0.165%
44	10.248	2828	2848	2864	rBV	339438	634790	8.88%	1.101%
45	10.376	2872	2888	2905	rBV	709954	1142664	15.98%	1.981%
46	10.473	2905	2918	2936	rBV	2939975	6356423	88.87%	11.020%
47	10.563	2936	2946	2955	rBV	1384550	2170261	30.34%	3.762%
48	10.720	2985	2995	3000	rBV	340737	498399	6.97%	0.864%
49	10.762	3000	3008	3026	rVB	1128375	1816831	25.40%	3.150%
50	10.859	3030	3038	3043	rBV4	11962	16085	0.22%	0.028%
51	10.939	3043	3063	3086	rVB	4607392	7152394	100.00%	12.400%
52	11.055	3088	3099	3102	rBV5	28814	45282	0.63%	0.079%
53	11.080	3103	3107	3112	rBV	16196	16657	0.23%	0.029%
54	11.170	3127	3135	3143	rBV4	43378	71936	1.01%	0.125%
55	11.219	3143	3150	3157	rVB	57387	81712	1.14%	0.142%
56	11.277	3157	3168	3184	rBV	759371	1238672	17.32%	2.147%
57	11.360	3184	3194	3215	rVB	1169113	1821114	25.46%	3.157%
58	11.486	3226	3233	3242	rVB3	40381	59071	0.83%	0.102%
59	11.553	3243	3254	3262	rBV	370620	674350	9.43%	1.169%
60	11.598	3263	3268	3275	rVV	290423	412385	5.77%	0.715%
61	11.653	3275	3285	3304	rVB4	974539	1987579	27.79%	3.446%
62	11.772	3315	3322	3325	rBV4	17410	22705	0.32%	0.039%
63	11.810	3325	3334	3340	rVV	259889	378282	5.29%	0.656%
64	11.846	3340	3345	3363	rVB	112030	180482	2.52%	0.313%
65	11.936	3363	3373	3377	rBV	190355	283225	3.96%	0.491%
66	11.965	3378	3382	3391	rVV	208407	271018	3.79%	0.470%
67	12.039	3395	3405	3429	rVB	378400	618107	8.64%	1.072%
68	12.145	3429	3438	3441	rBV2	39307	58135	0.81%	0.101%
69	12.180	3443	3449	3466	rVB3	77431	179229	2.51%	0.311%
70	12.283	3467	3481	3489	rBV5	54021	116240	1.63%	0.202%
71	12.338	3489	3498	3507	rVB	81008	125856	1.76%	0.218%

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Instrument :
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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
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 Title : VOC Analysis

72	12.395	3507	3516	3520	rBV4	41899	71174	1.00%	0.123%
73	12.437	3520	3529	3537	rVB	236907	339166	4.74%	0.588%
74	12.489	3537	3545	3555	rBV	362458	516575	7.22%	0.896%
75	12.572	3563	3571	3577	rBV	80626	118588	1.66%	0.206%
76	12.608	3577	3582	3587	rVV2	80431	113727	1.59%	0.197%
77	12.637	3587	3591	3603	rVB	80784	113742	1.59%	0.197%
78	12.749	3617	3626	3637	rVB	150271	231266	3.23%	0.401%
79	12.817	3639	3647	3655	rBV3	60514	92060	1.29%	0.160%
80	12.871	3655	3664	3667	rVV2	89801	133352	1.86%	0.231%
81	12.907	3668	3675	3703	rVB5	357081	760549	10.63%	1.319%
82	13.022	3703	3711	3719	rBV	117630	166758	2.33%	0.289%
83	13.064	3719	3724	3736	rVB8	21866	44122	0.62%	0.076%
84	13.190	3754	3763	3771	rBV	30815	47225	0.66%	0.082%
85	13.238	3772	3778	3784	rVB4	14490	18866	0.26%	0.033%
86	13.293	3785	3795	3801	rBV2	159359	264490	3.70%	0.459%
87	13.424	3828	3836	3849	rVB	80451	121932	1.70%	0.211%
88	13.527	3851	3868	3877	rBV	385794	607444	8.49%	1.053%
89	13.649	3896	3906	3909	rBV9	14173	26198	0.37%	0.045%
90	13.749	3925	3937	3946	rBV5	29587	68922	0.96%	0.119%
91	13.929	3984	3993	4009	rVB2	74744	138120	1.93%	0.239%
92	14.122	4041	4053	4067	rBV5	35985	88585	1.24%	0.154%
93	14.257	4088	4095	4106	rBV	23913	36591	0.51%	0.063%
94	14.318	4107	4114	4124	rVB6	15032	27915	0.39%	0.048%
95	14.386	4128	4135	4145	rBV6	8221	13742	0.19%	0.024%
96	14.456	4151	4157	4167	rBV5	8262	14970	0.21%	0.026%
97	14.659	4209	4220	4230	rBV2	28339	52352	0.73%	0.091%
98	14.845	4271	4278	4280	rBV2	11109	13540	0.19%	0.023%
99	15.698	4530	4543	4553	rBV2	9798	21004	0.29%	0.036%
100	16.334	4734	4741	4750	rVB5	15571	23880	0.33%	0.041%

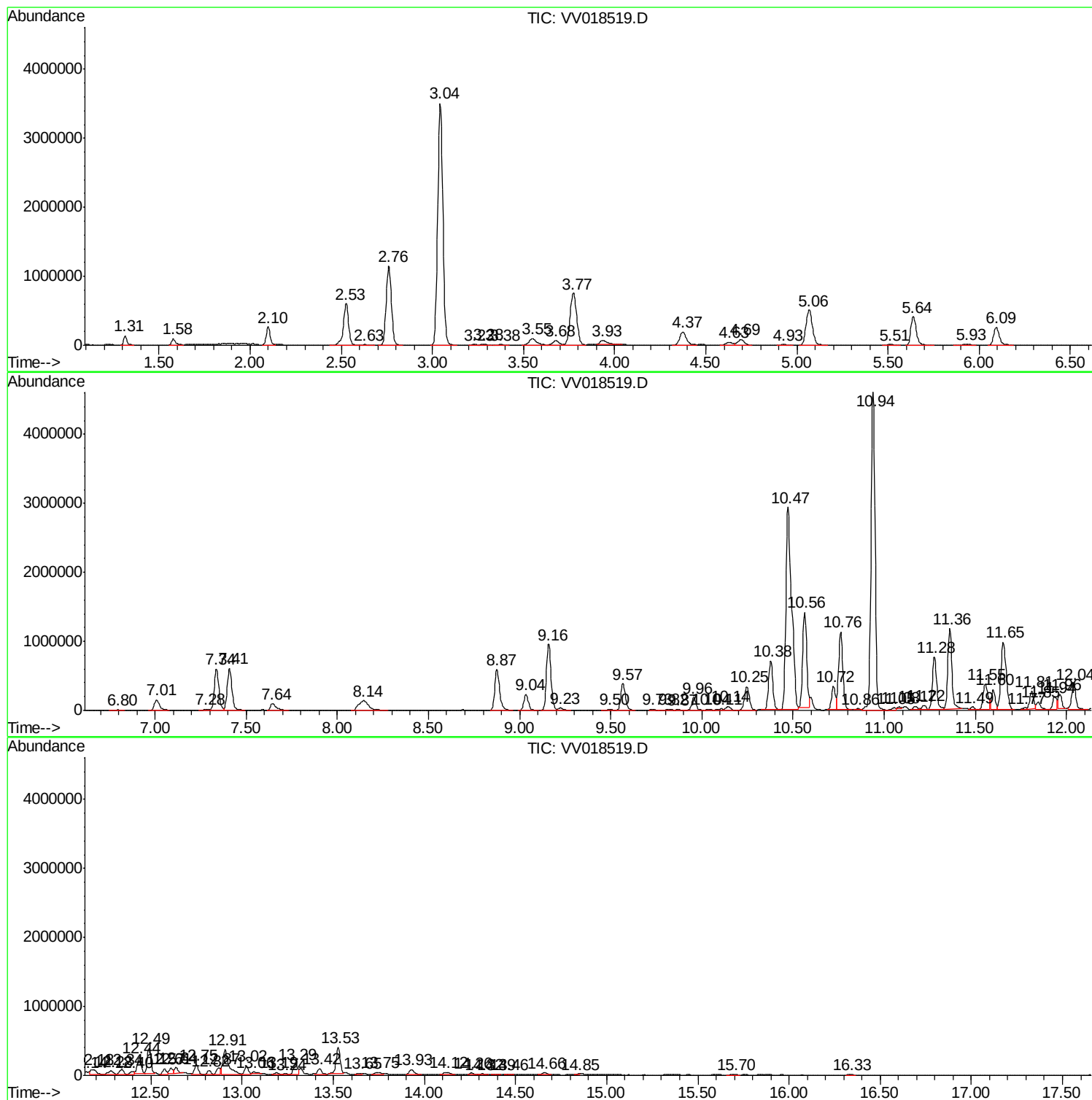
Sum of corrected areas: 57681704

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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



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Sample : L4109-04ME
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ALS Vial : 14 Sample Multiplier: 1

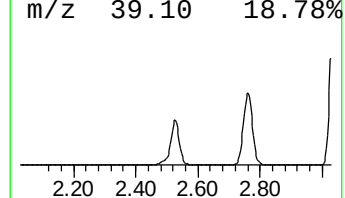
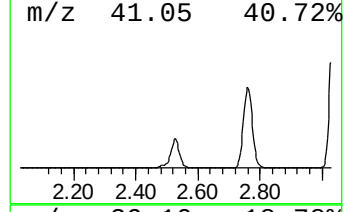
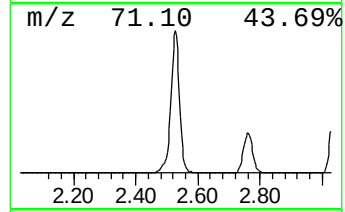
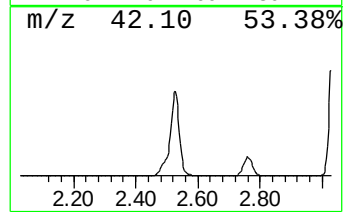
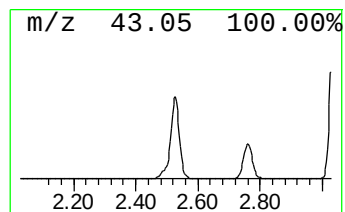
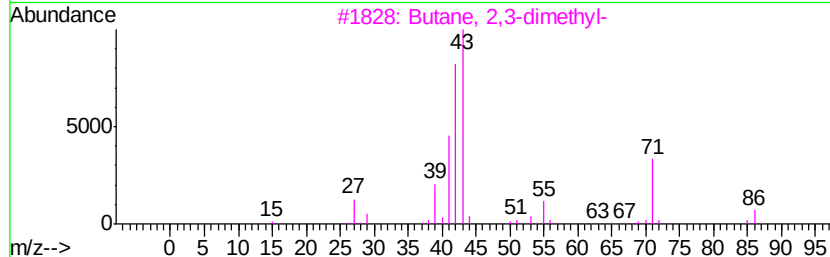
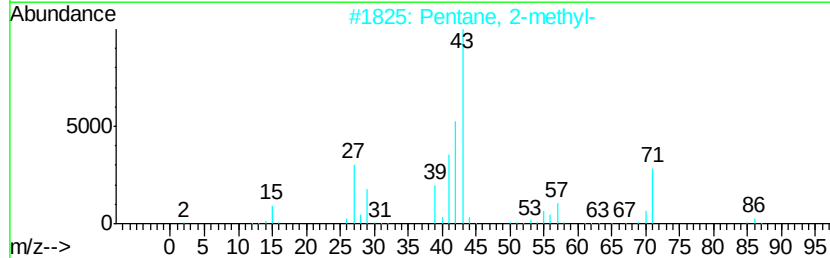
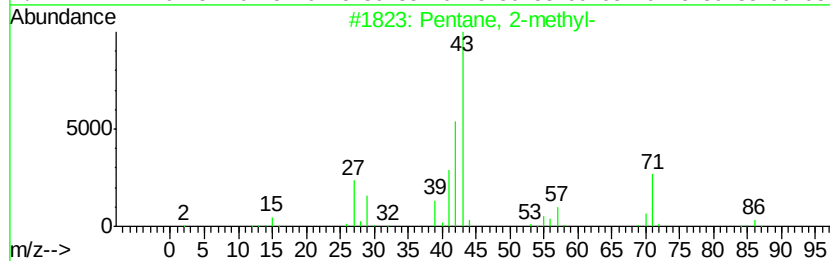
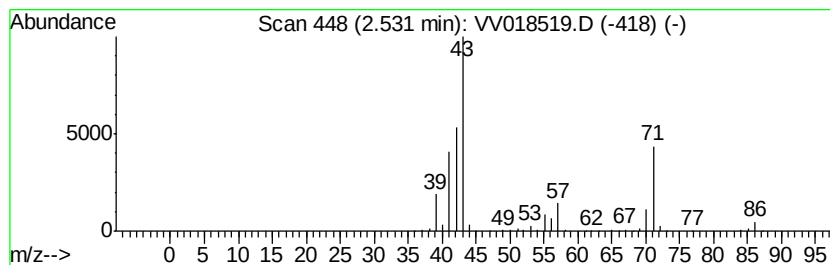
Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.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 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.53	70.50 ug/L	1210880	1,4-Difluorobenzene	5.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	52
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	38



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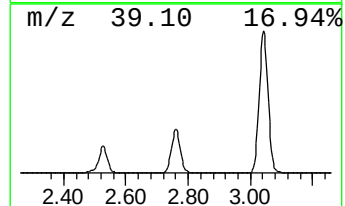
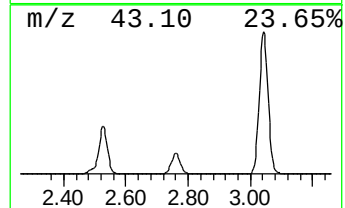
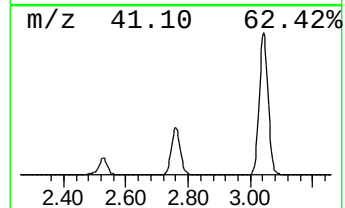
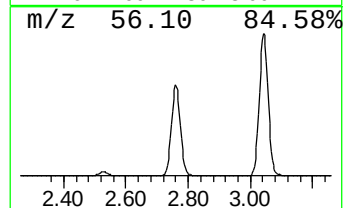
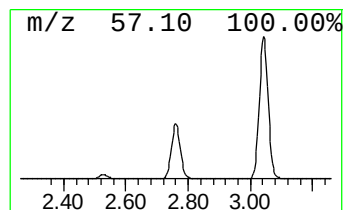
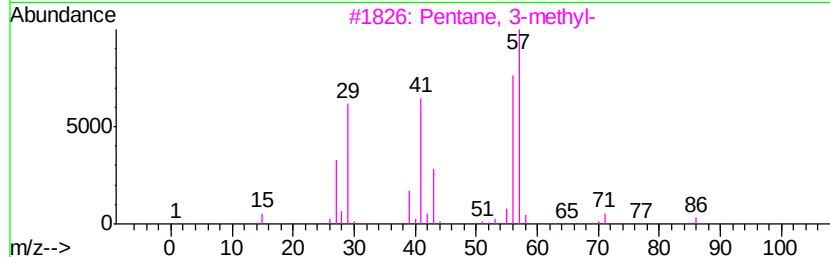
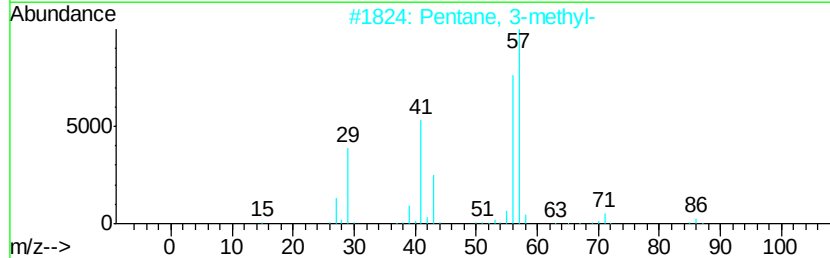
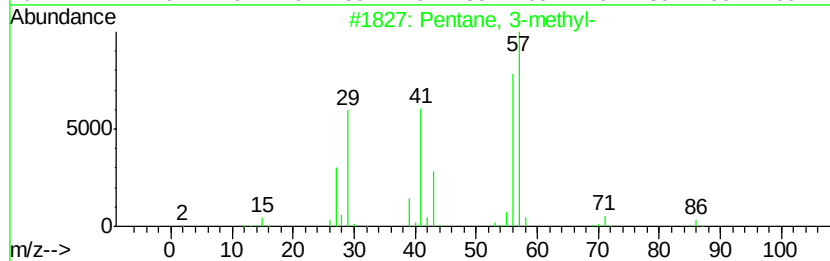
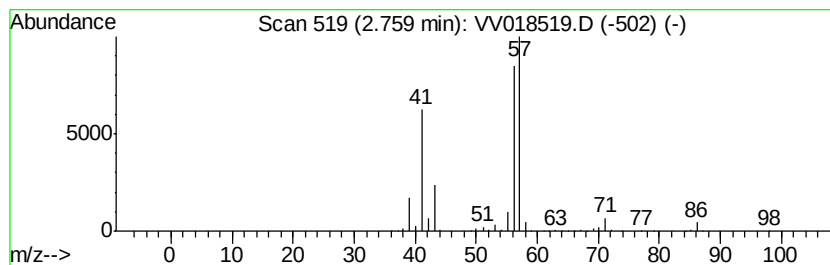
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.76	133.95 ug/L	2300790	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	91
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	91
4		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64



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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

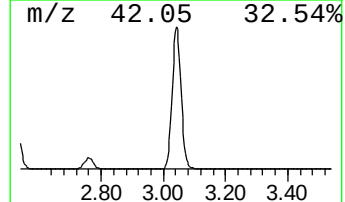
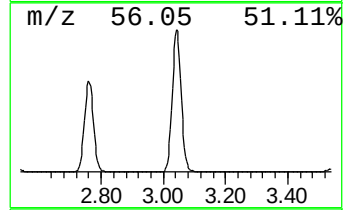
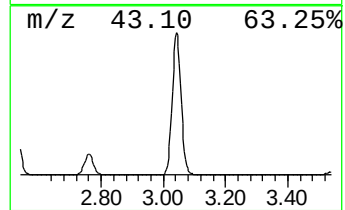
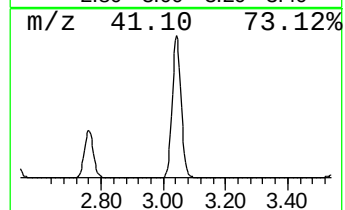
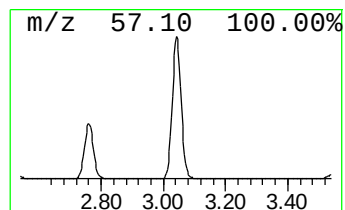
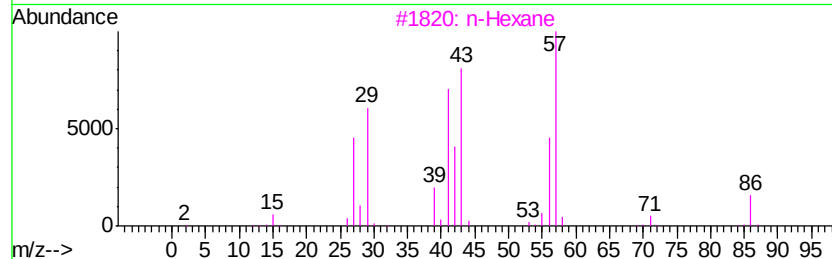
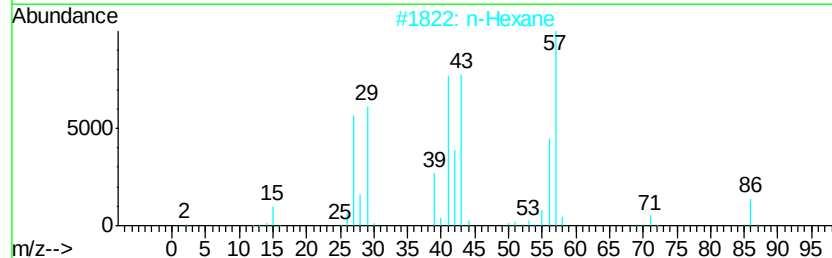
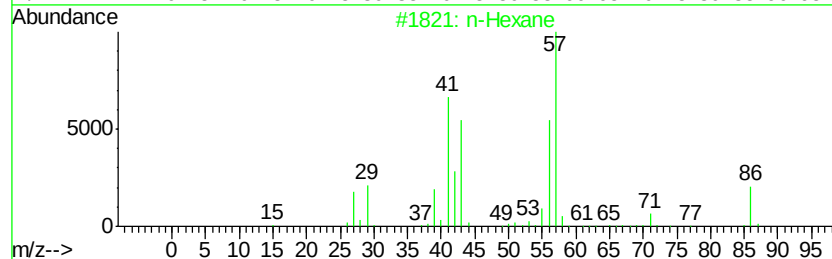
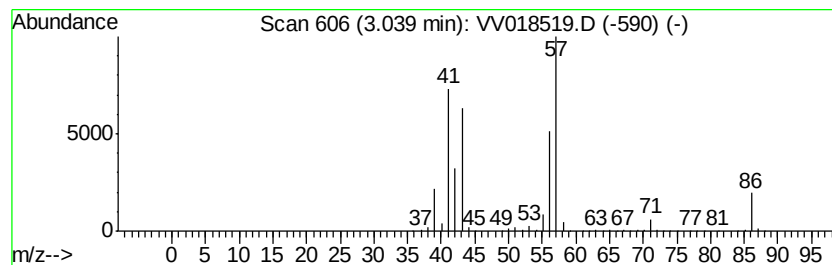
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	402.95 ug/L	6921080	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	94
2		n-Hexane	86	C6H14	000110-54-3	72
3		n-Hexane	86	C6H14	000110-54-3	59
4		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40
5		Butanal, 2-methyl-	86	C5H10O	000096-17-3	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

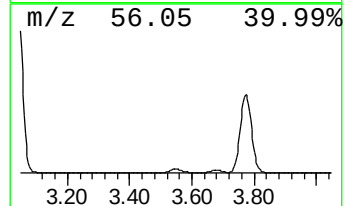
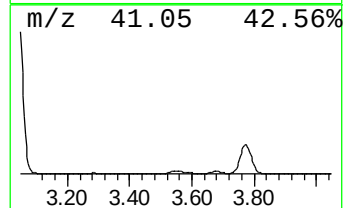
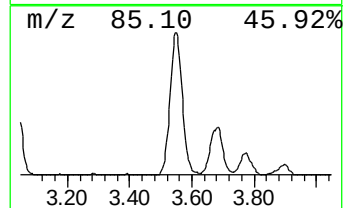
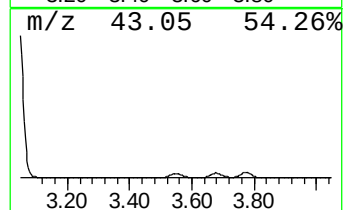
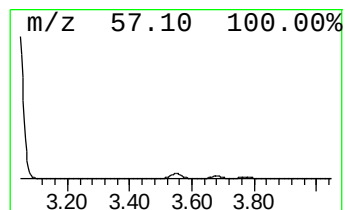
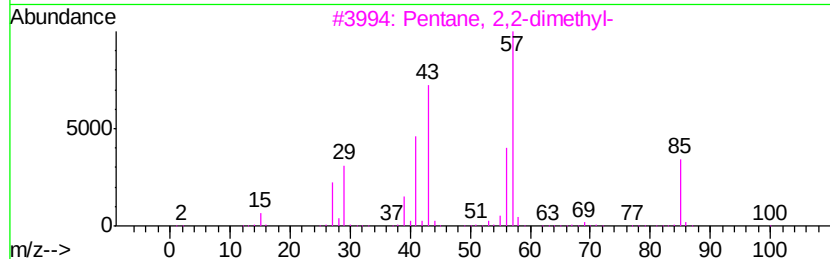
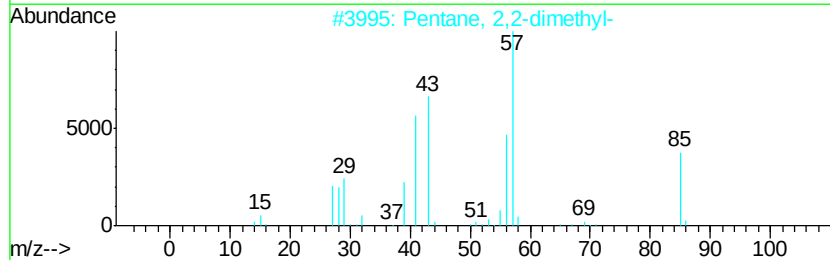
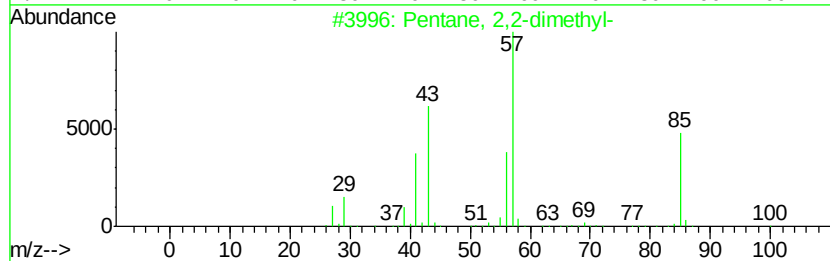
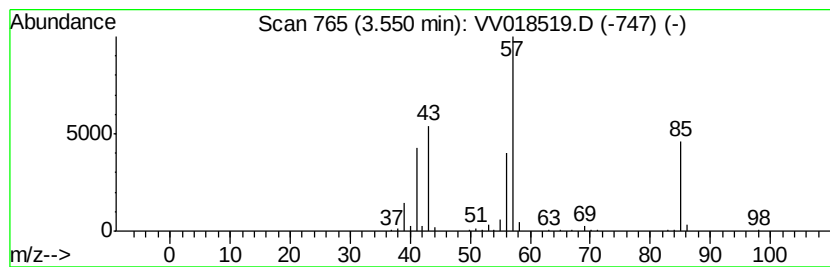
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.55	15.88 ug/L	272763	1,4-Difluorobenzene	5.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane,	2,2-dimethyl-	100	C7H16	000590-35-2	90	
2	Pentane,	2,2-dimethyl-	100	C7H16	000590-35-2	83	
3	Pentane,	2,2-dimethyl-	100	C7H16	000590-35-2	64	
4	Pentane,	2,4-dimethyl-	100	C7H16	000108-08-7	64	
5	Pentane,	2,2-dimethyl-	100	C7H16	000590-35-2	64	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

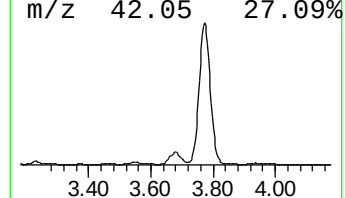
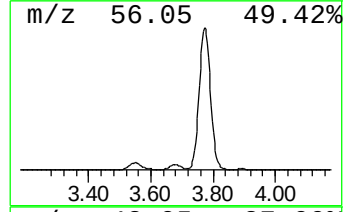
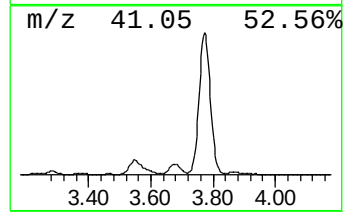
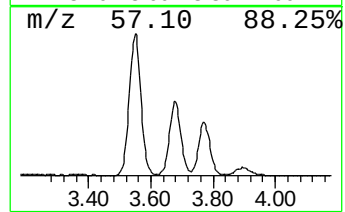
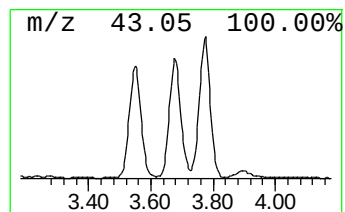
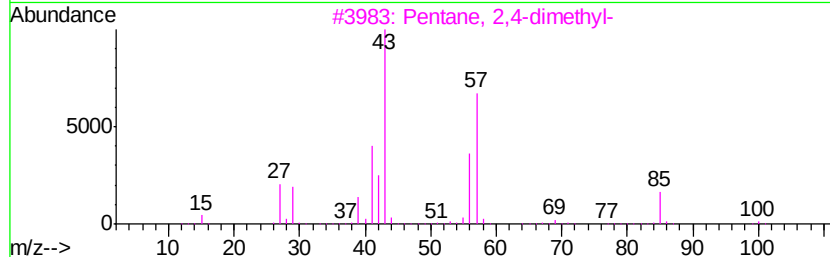
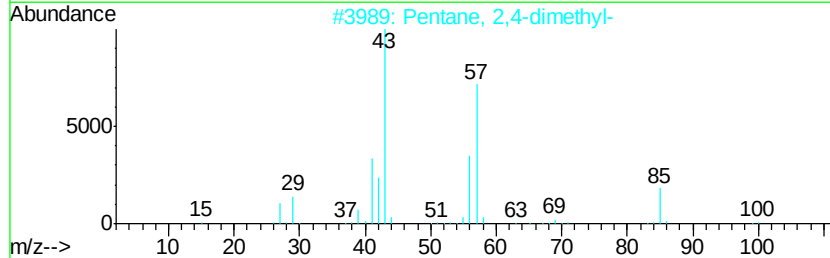
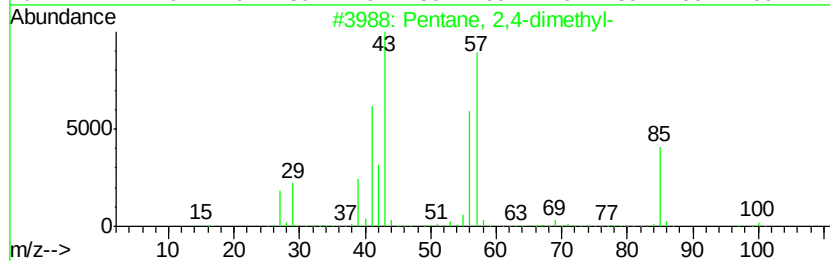
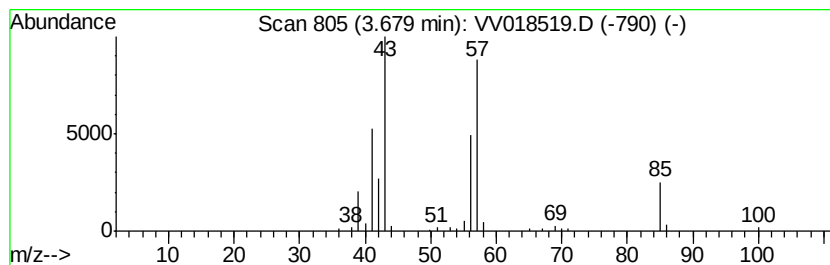
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.68	8.92 ug/L	153281	1,4-Difluorobenzene	5.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	80
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	80
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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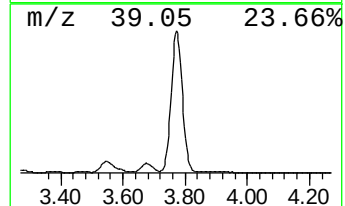
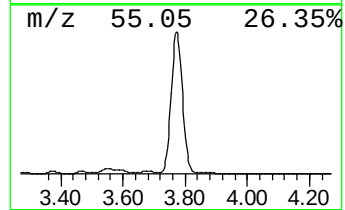
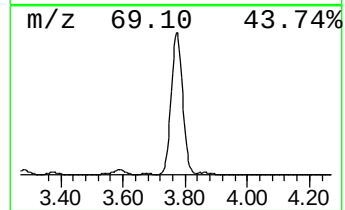
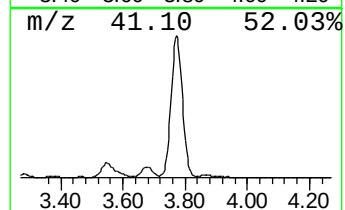
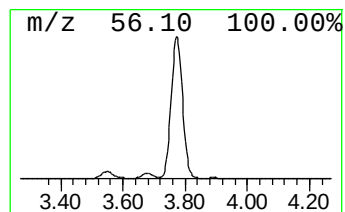
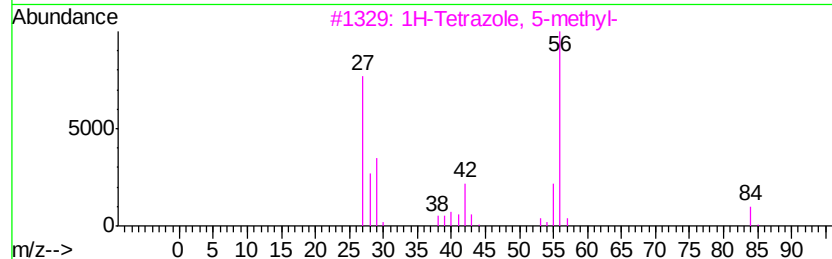
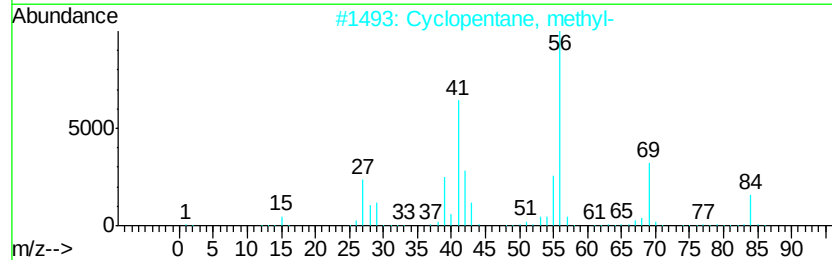
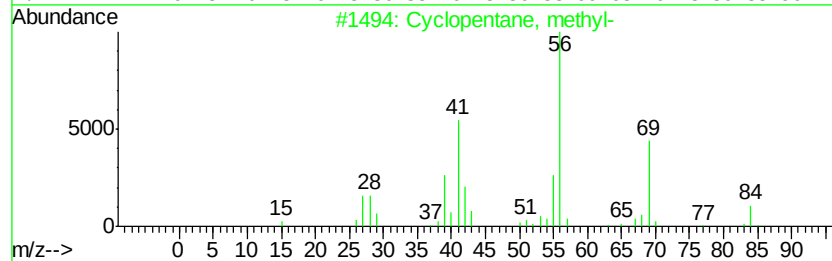
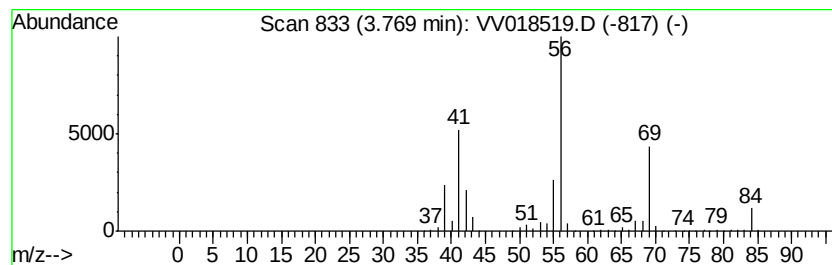
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic3.77 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	109.90 ug/L	1887610	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
4		Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5		Cyclobutane, ethyl-	84	C6H12	004806-61-5	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83uL/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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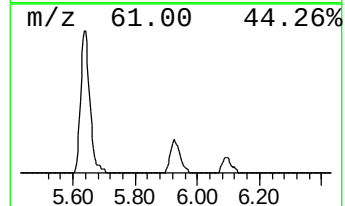
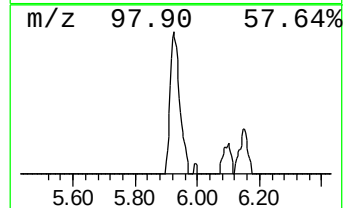
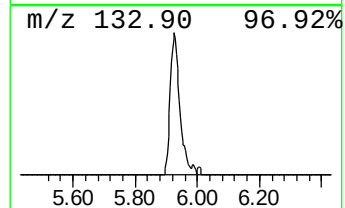
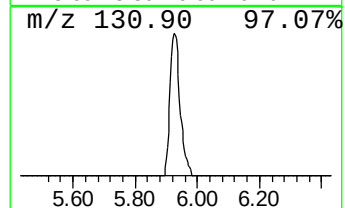
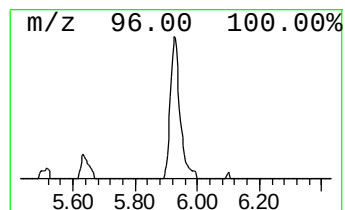
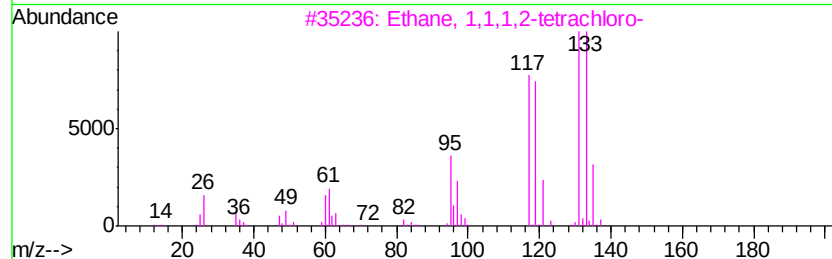
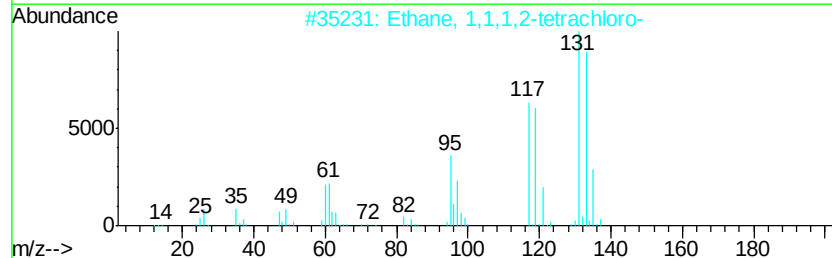
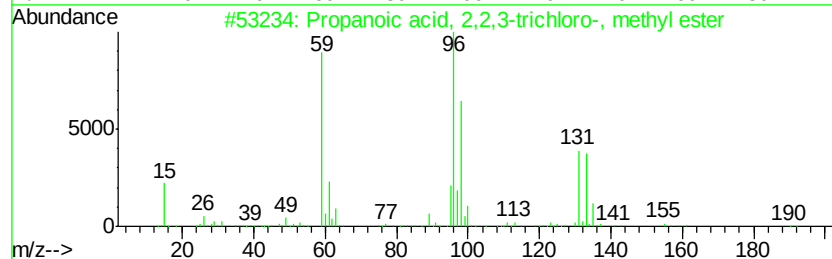
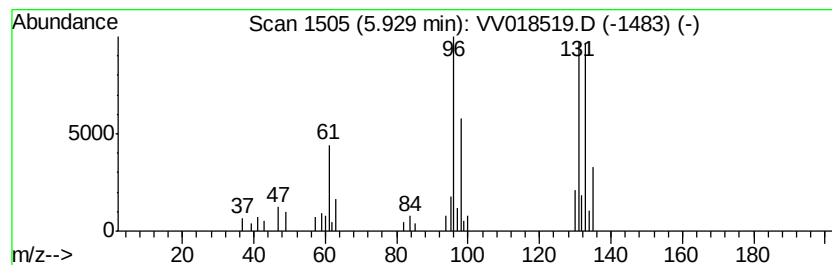
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Quant Title : VOC Analysis

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

Peak Number 7 unknown-01 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.62 ug/L	45068	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	28
2		Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	23
3		Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	23
4		Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	23
5		Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	23



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83q/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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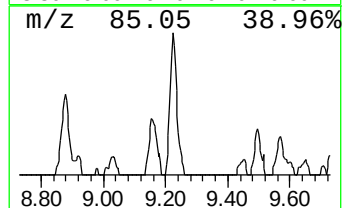
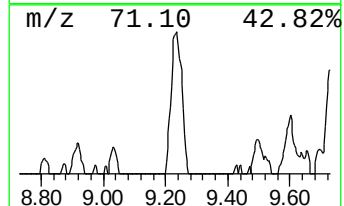
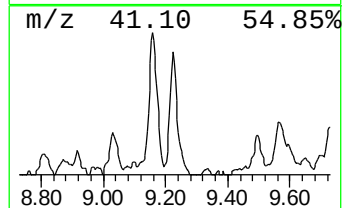
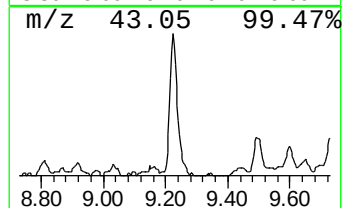
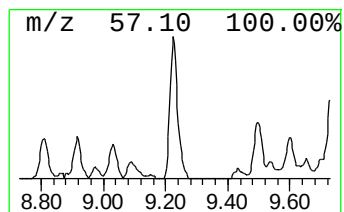
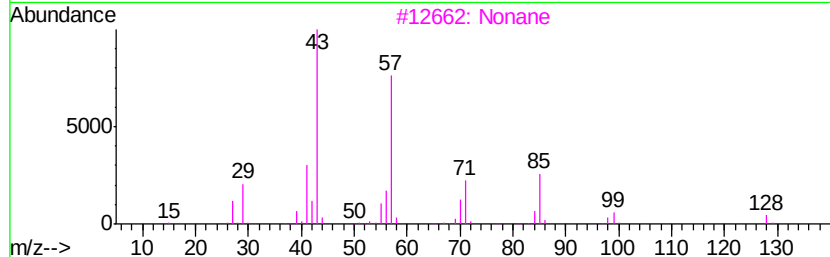
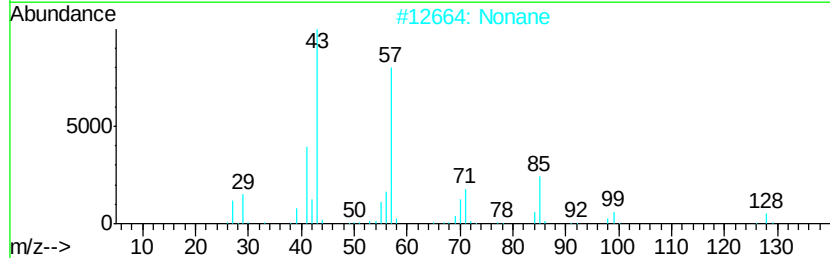
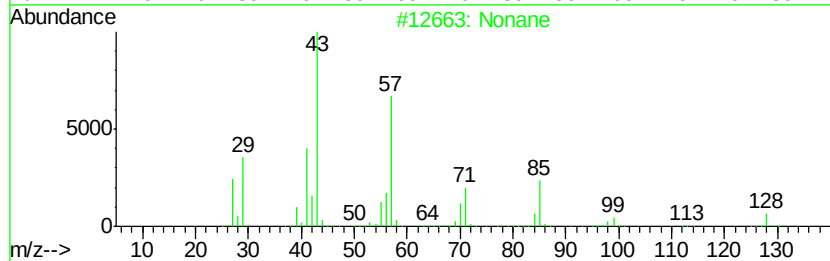
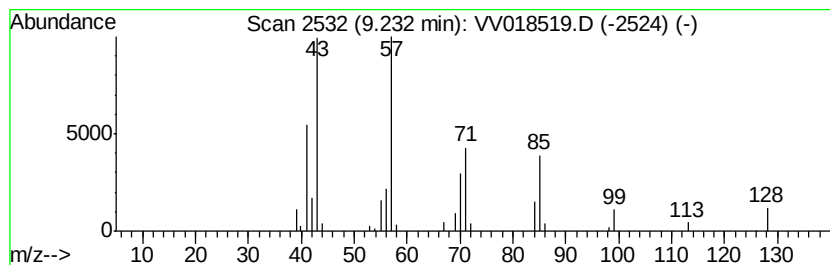
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	2.73 ug/L	60122	Chlorobenzene-d5	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	94
2		Nonane	128	C9H20	000111-84-2	90
3		Nonane	128	C9H20	000111-84-2	90
4		Octane	114	C8H18	000111-65-9	64
5		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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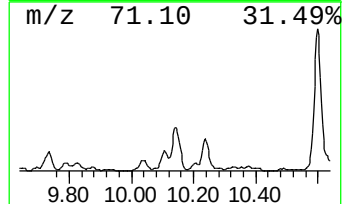
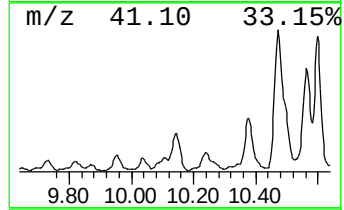
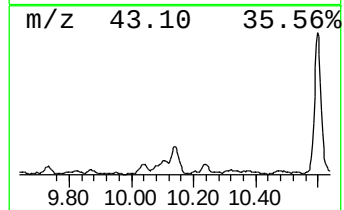
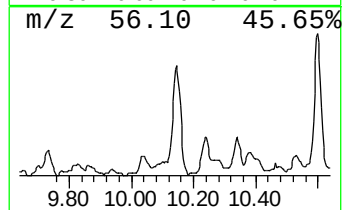
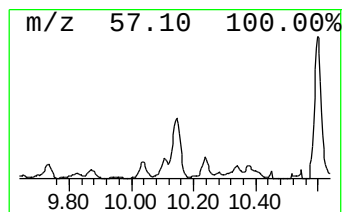
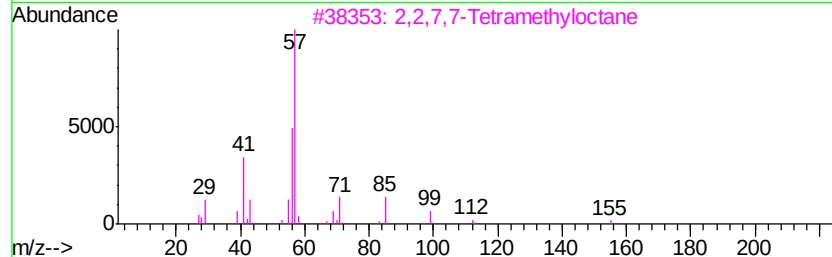
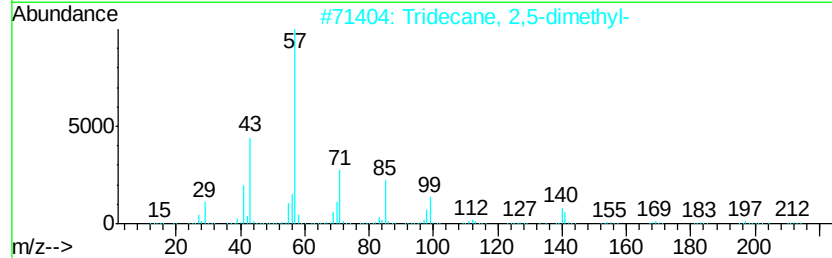
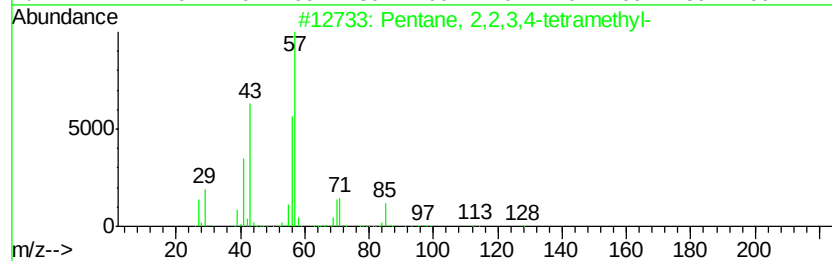
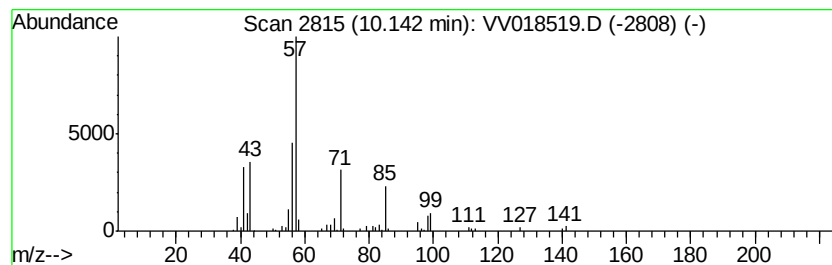
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	3.84 ug/L	95141	1,4-Dichlorobenzene-d4	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
2		Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	53
3		2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	53
4		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	53
5		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83µL/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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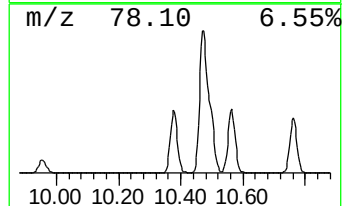
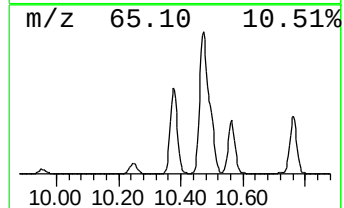
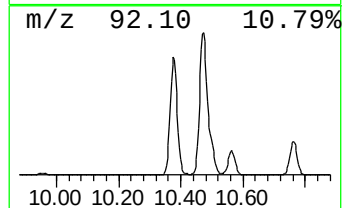
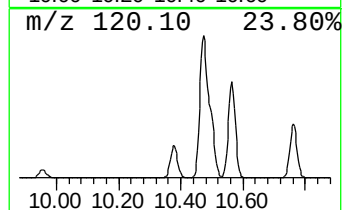
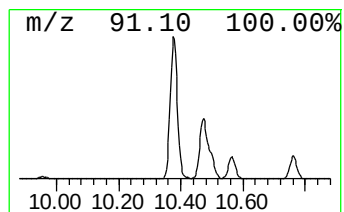
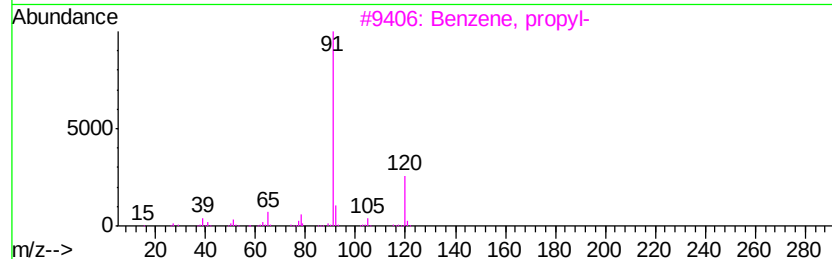
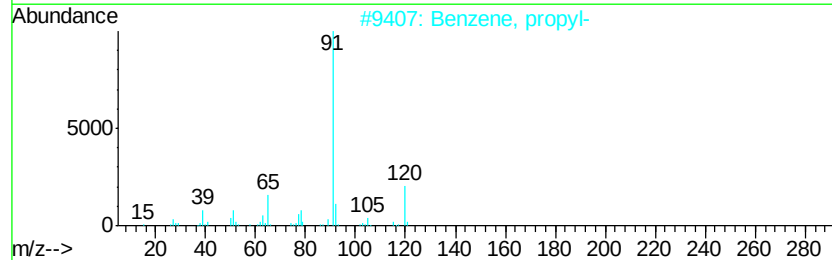
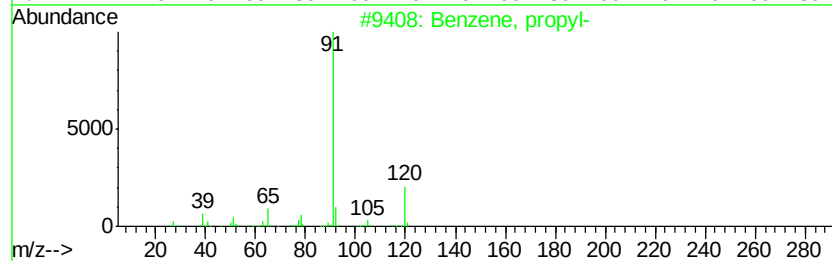
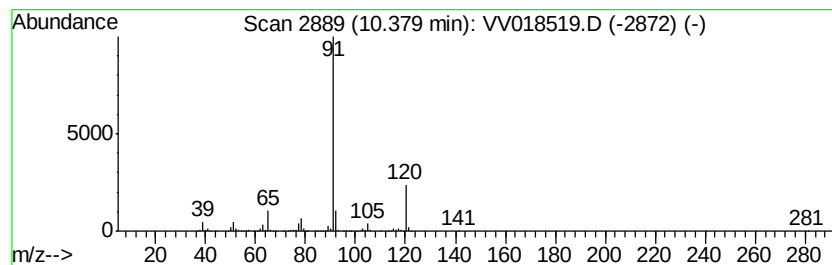
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	46.12 ug/L	1142660	1,4-Dichlorobenzene-d4	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	90
2		Benzene, propyl-	120	C9H12	000103-65-1	90
3		Benzene, propyl-	120	C9H12	000103-65-1	90
4		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
5		Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

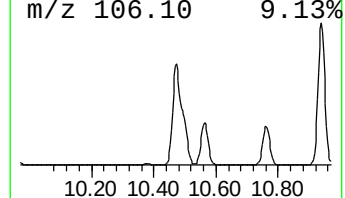
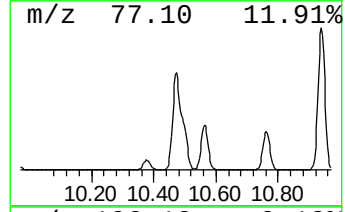
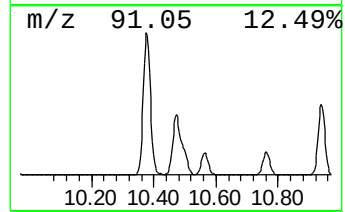
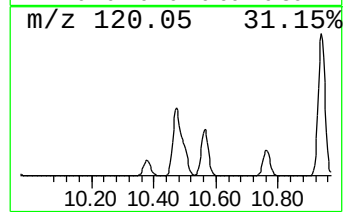
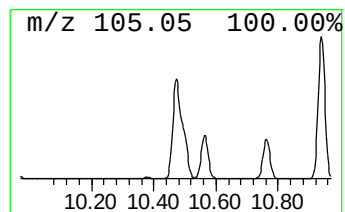
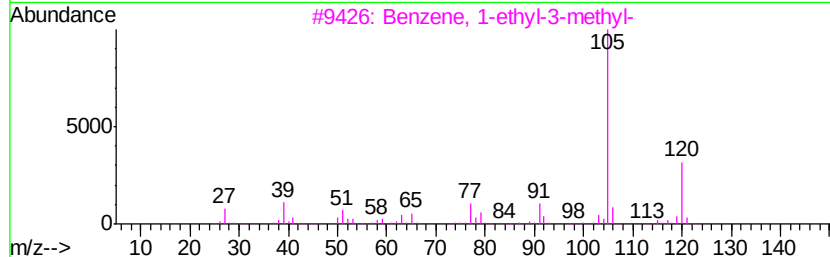
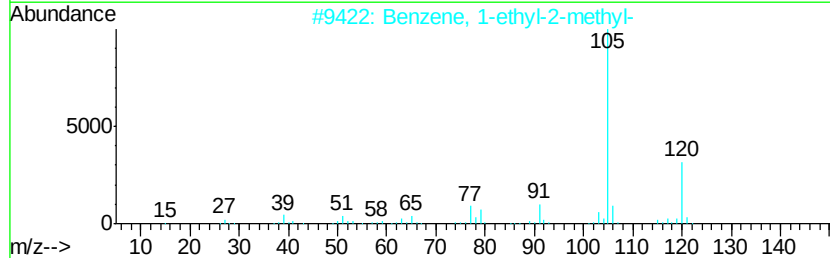
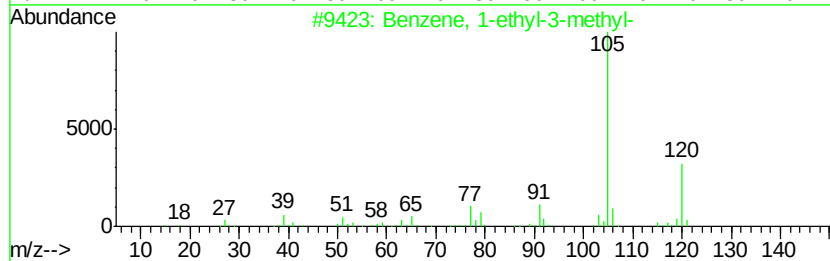
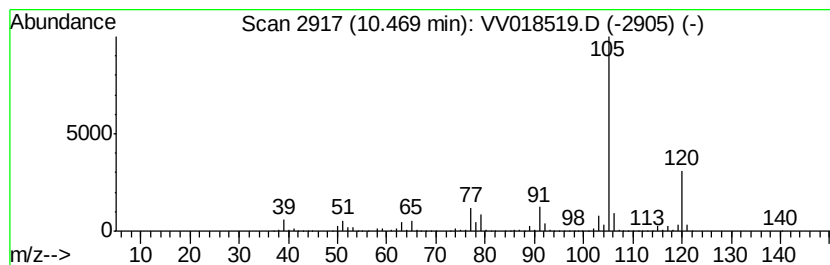
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	256.58 ug/L	6356420	1,4-Dichlorobenzene-d4	11.28

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-3-methyl-	120	C9H12	000620-14-4	95
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

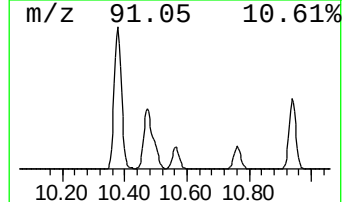
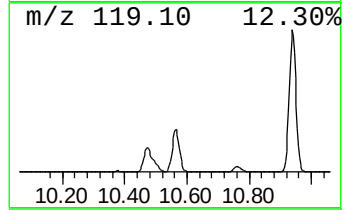
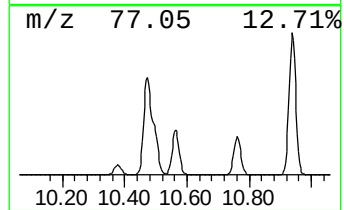
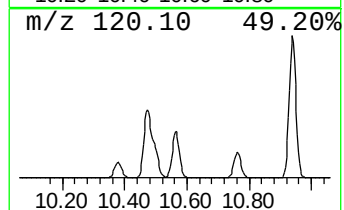
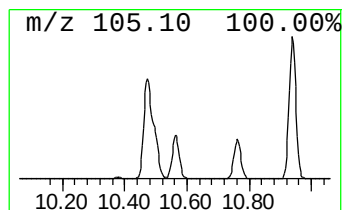
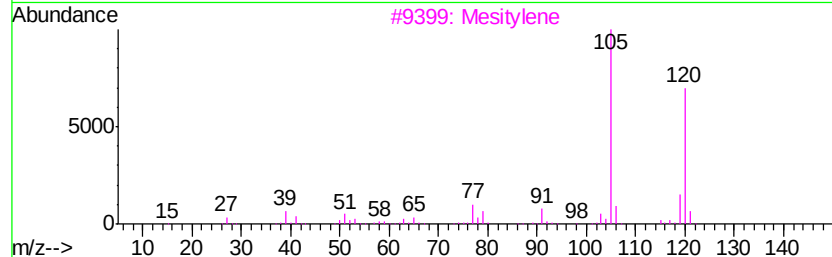
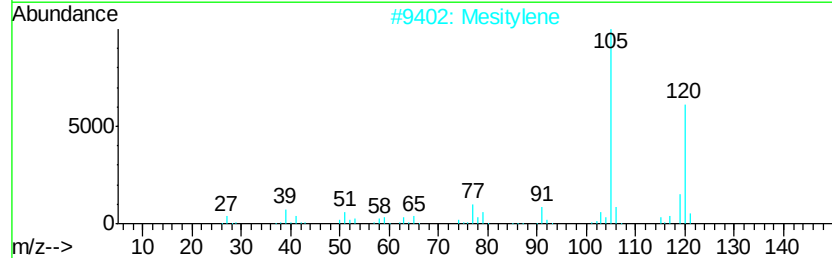
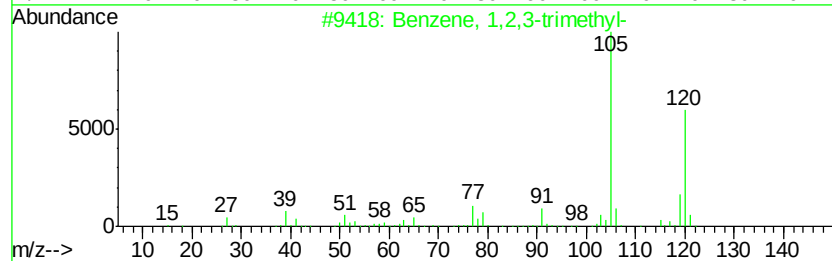
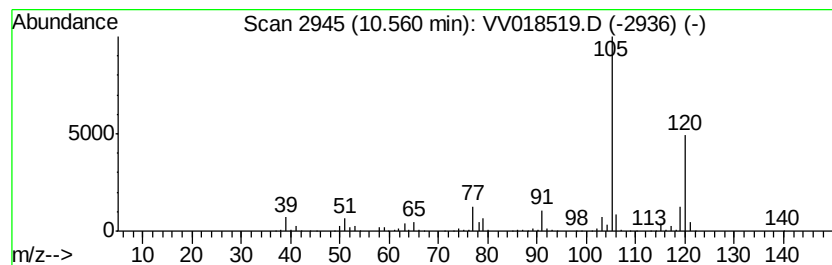
Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.56	87.60 ug/L	2170260	1,4-Dichlorobenzene-d4	11.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Mesitylene	120	C9H12	000108-67-8	97
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
5	Mesitylene	120	C9H12	000108-67-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83q/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

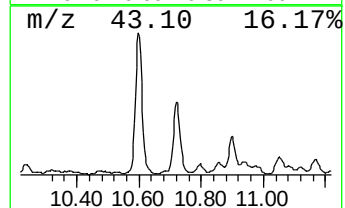
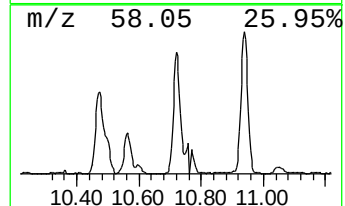
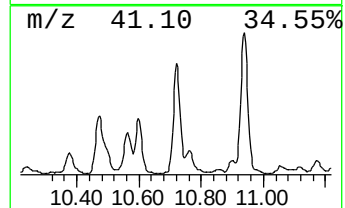
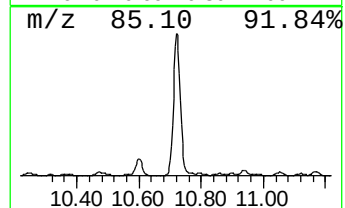
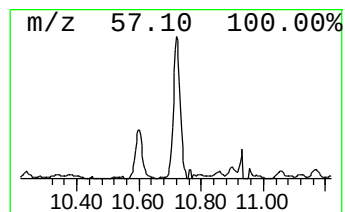
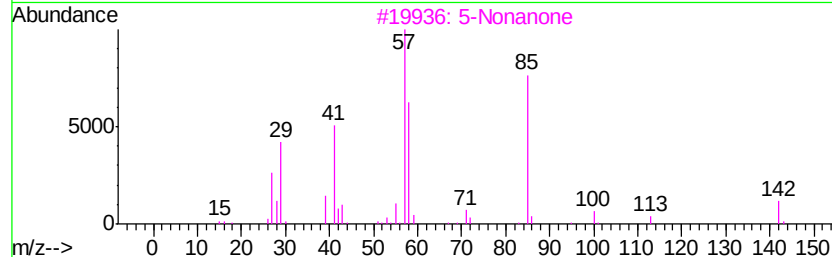
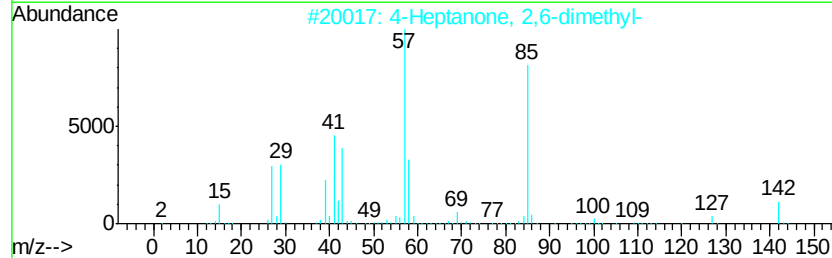
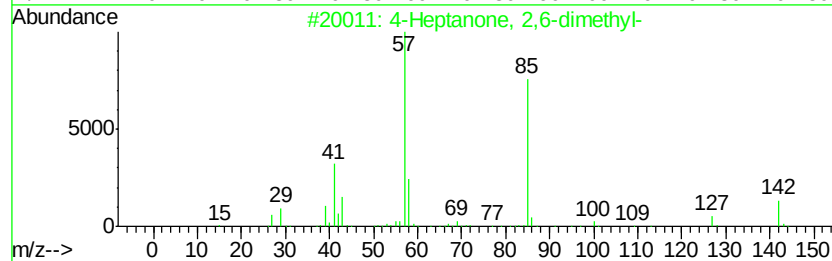
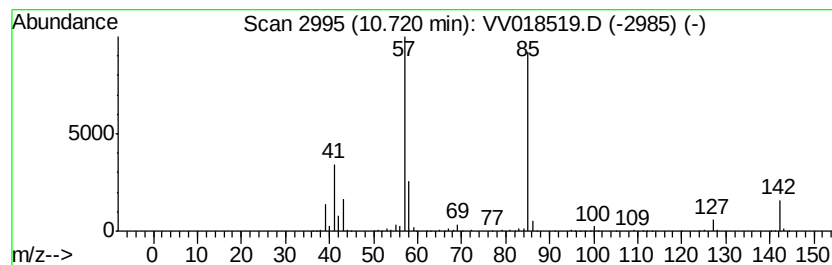
Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

Peak Number 14 4-Heptanone, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.72	20.12 ug/L	498399	1,4-Dichlorobenzene-d4	11.28		
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	78
3		5-Nonanone	142	C9H18O	000502-56-7	59
4		5-Nonanone	142	C9H18O	000502-56-7	59
5		2,4-Hexanedione, 5,5-dimethyl-	142	C8H14O2	007307-04-2	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83uL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

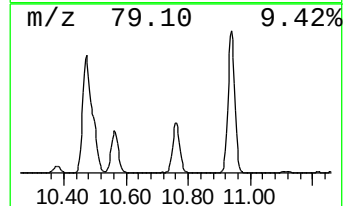
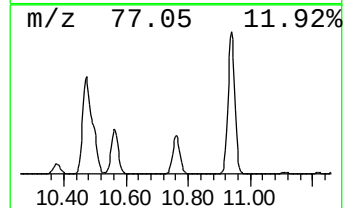
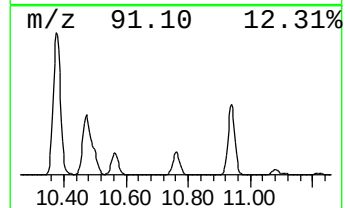
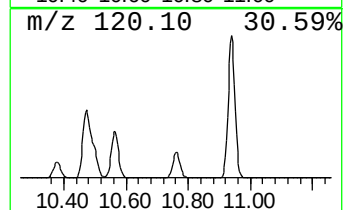
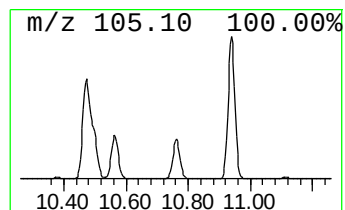
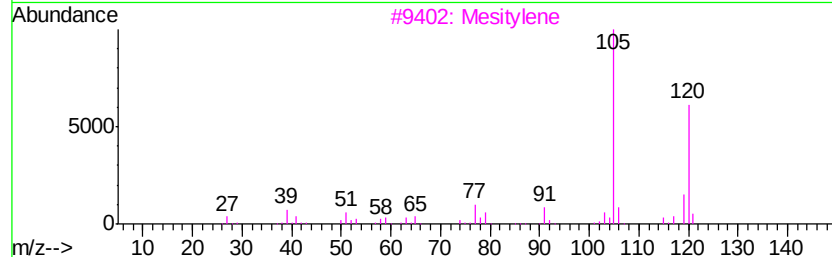
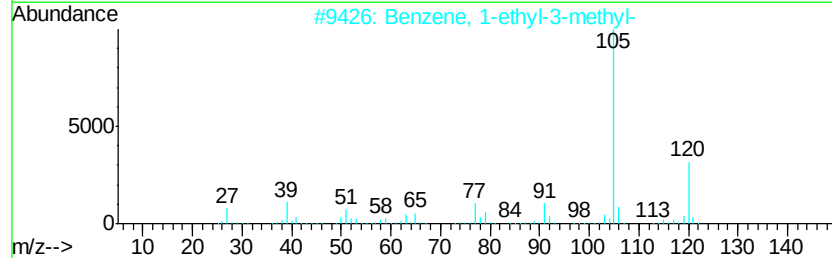
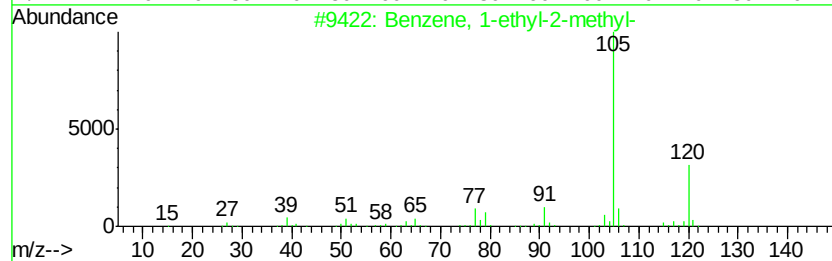
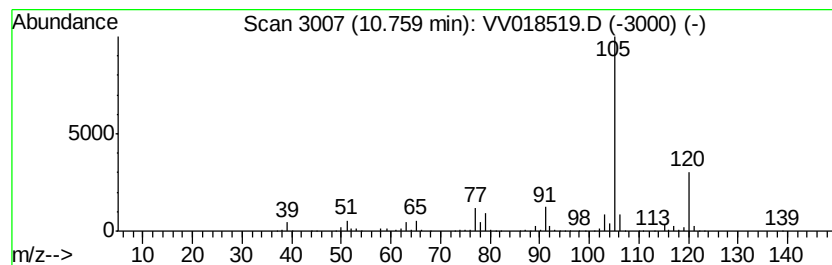
Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.76	73.34 ug/L	1816830	1,4-Dichlorobenzene-d4		11.28	
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-3-methyl-		120	C9H12	000620-14-4	91
3	Mesitylene		120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-		120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-		120	C9H12	000620-14-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

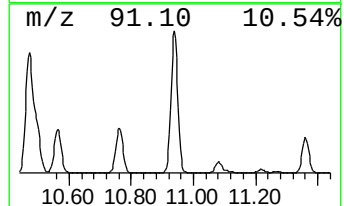
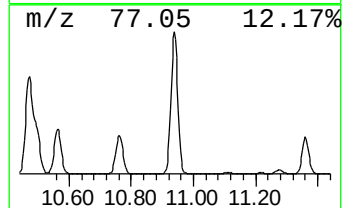
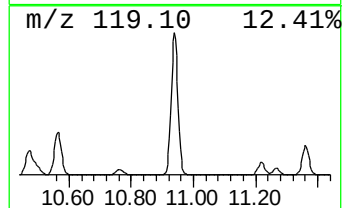
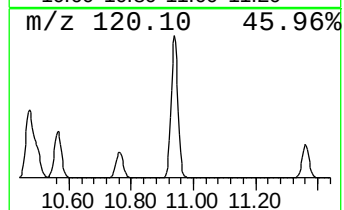
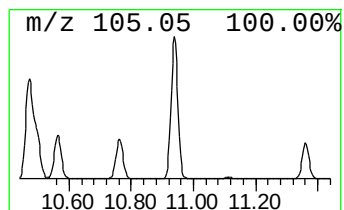
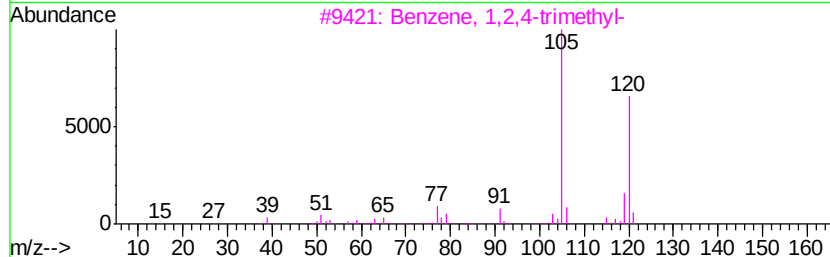
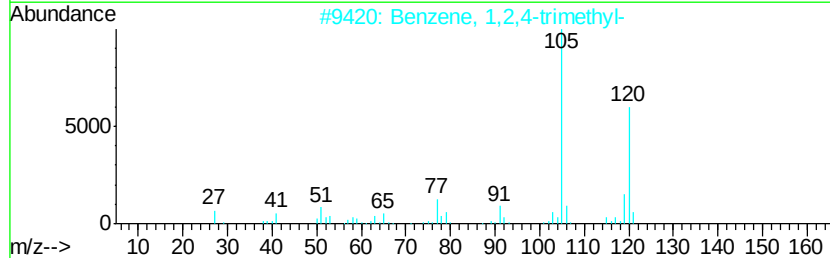
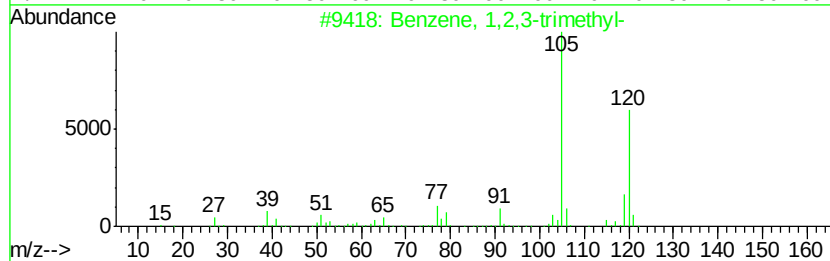
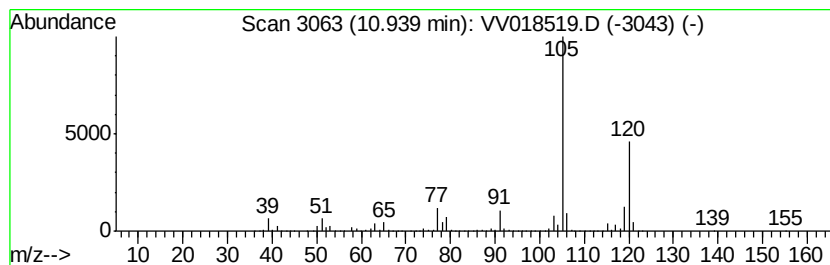
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 1,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	288.71 ug/L	7152390	1,4-Dichlorobenzene-d4	11.28

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		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5		Mesitylene	120	C9H12	000108-67-8	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83q/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

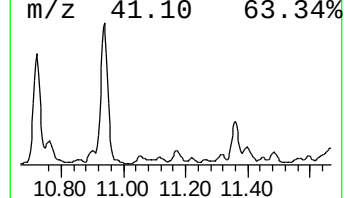
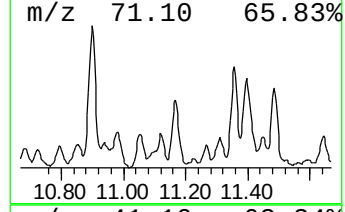
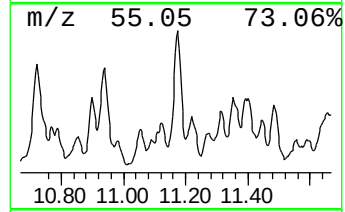
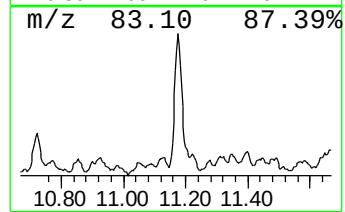
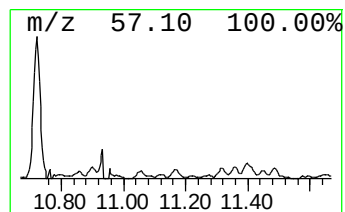
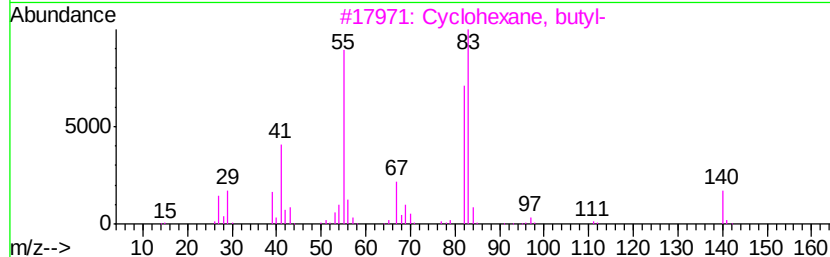
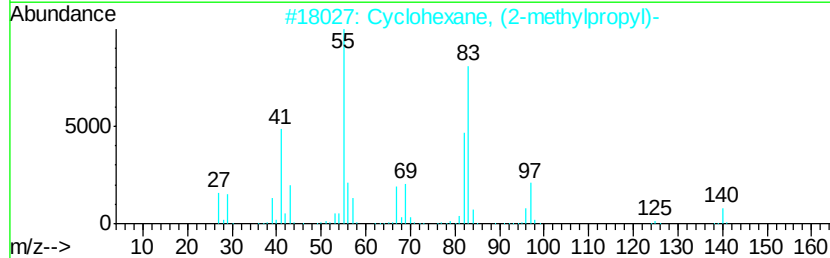
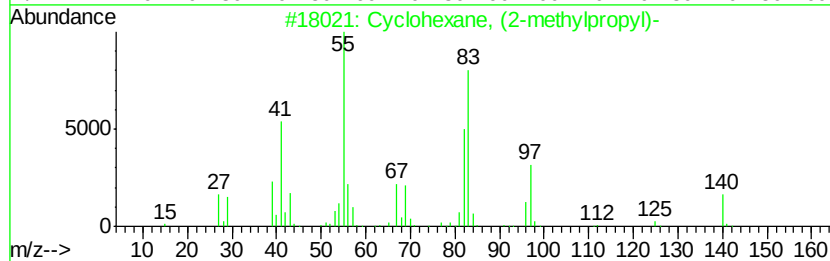
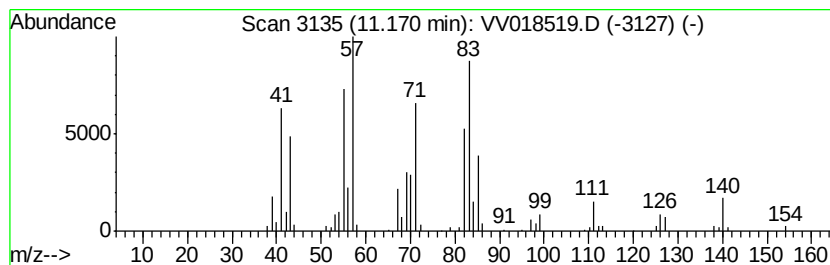
Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Cyclic11.17 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.17	2.90 ug/L	71936	1,4-Dichlorobenzene-d4	11.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	55
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	49
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	46
4	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	46
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83µL/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

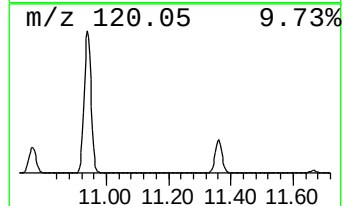
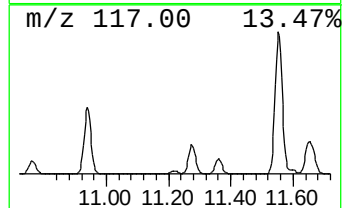
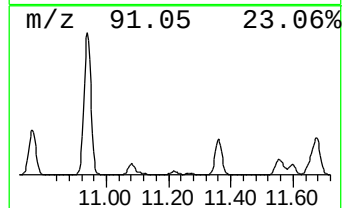
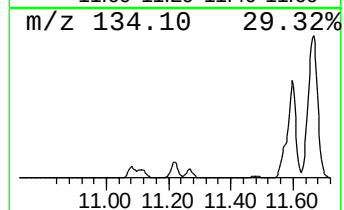
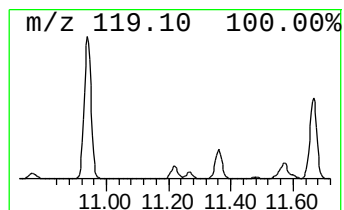
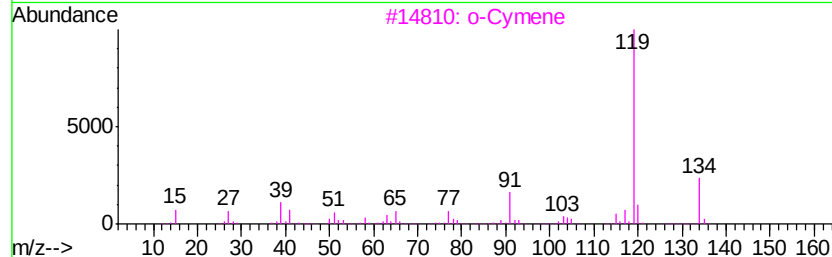
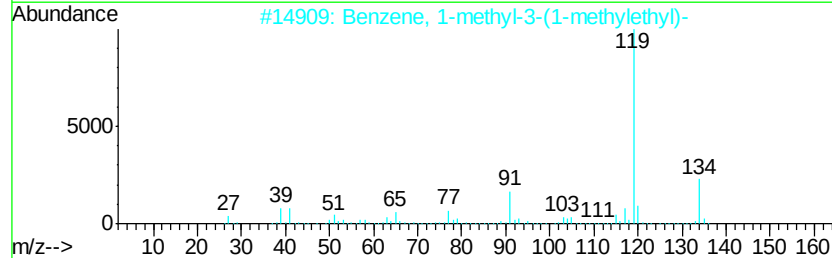
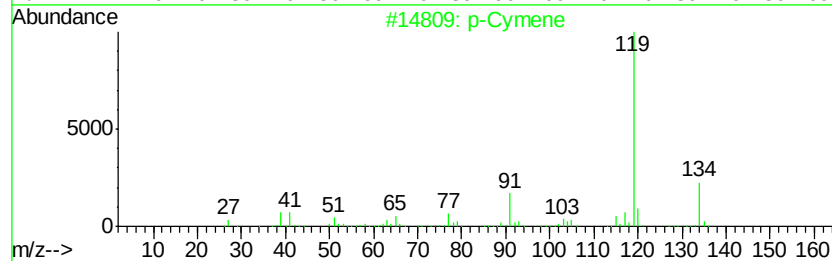
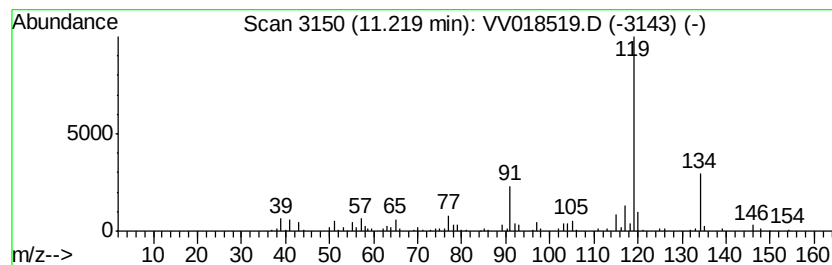
Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

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Quant Title : VOC Analysis

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

Peak Number 18 p-Cymene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	3.30 ug/L	81712	1,4-Dichlorobenzene-d4	11.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	p-Cymene		134 C10H14	000099-87-6 97
2	Benzene, 1-methyl-3-(1-methyleth...		134 C10H14	000535-77-3 95
3	o-Cymene		134 C10H14	000527-84-4 93
4	Benzene, 1-methyl-3-(1-methyleth...		134 C10H14	000535-77-3 93
5	p-Cymene		134 C10H14	000099-87-6 93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

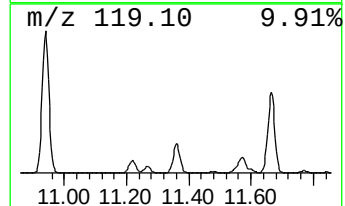
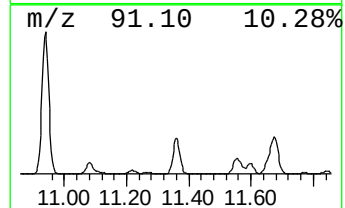
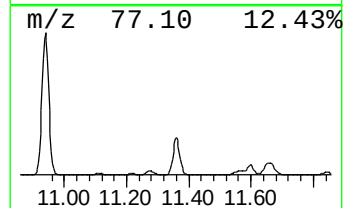
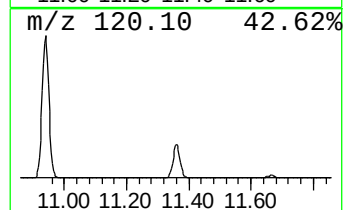
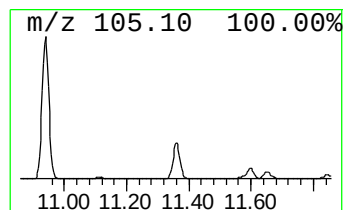
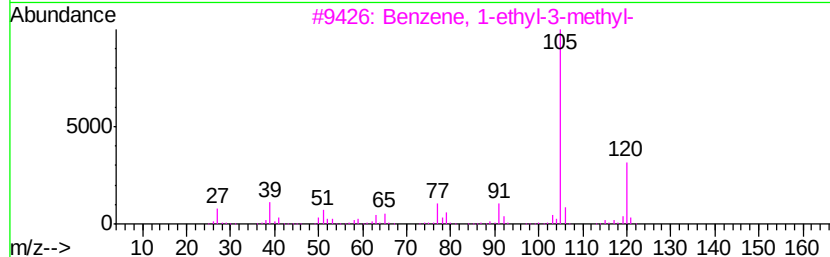
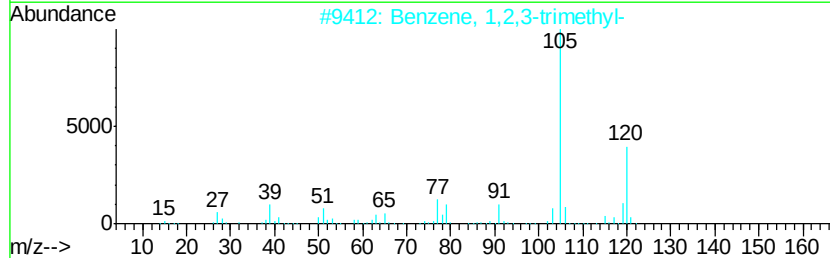
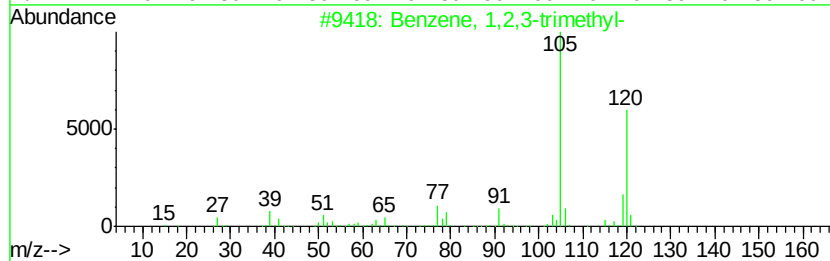
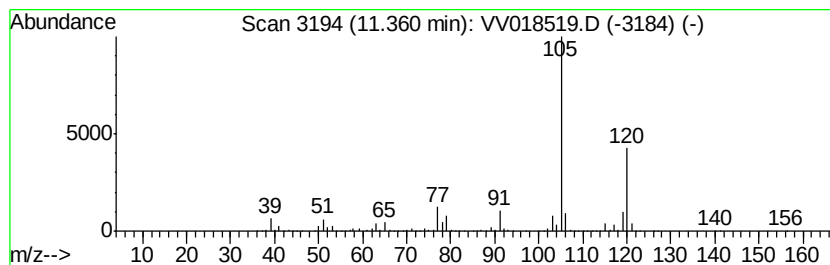
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Quant Title : VOC Analysis

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

Peak Number 19 Mesitylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	73.51 ug/L	1821110	1,4-Dichlorobenzene-d4	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

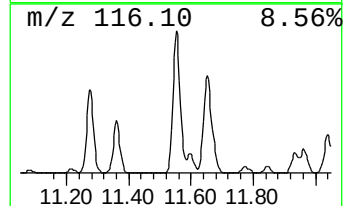
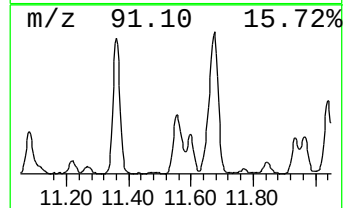
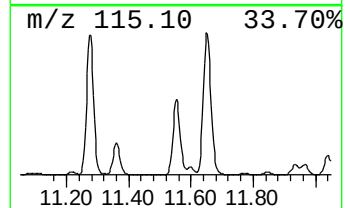
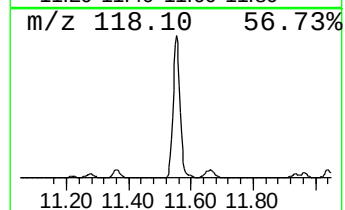
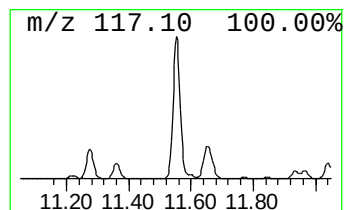
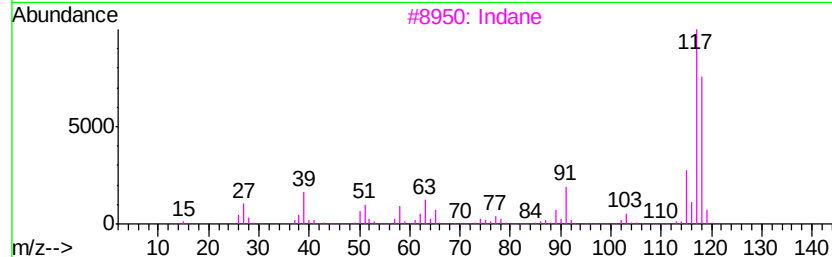
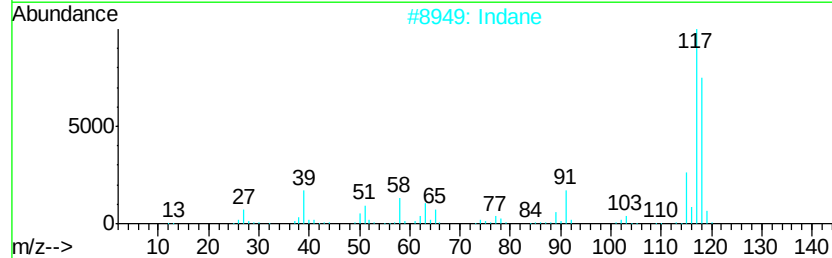
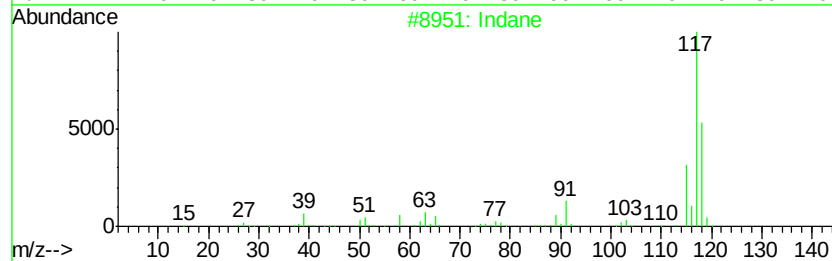
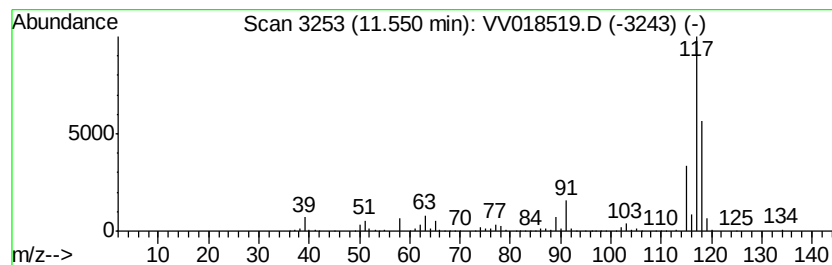
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Quant Title : VOC Analysis

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

Peak Number 20 Indane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	27.22 ug/L	674350	1,4-Dichlorobenzene-d4	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	95
2		Indane	118	C9H10	000496-11-7	91
3		Indane	118	C9H10	000496-11-7	87
4		Indane	118	C9H10	000496-11-7	87
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

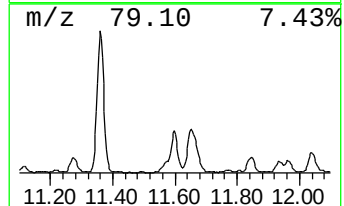
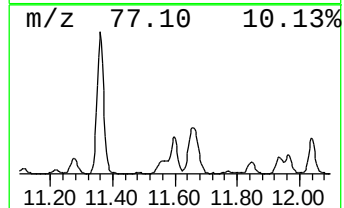
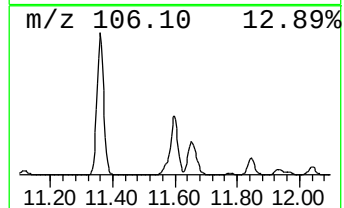
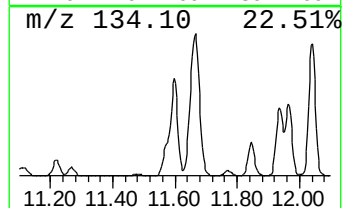
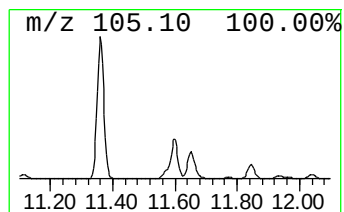
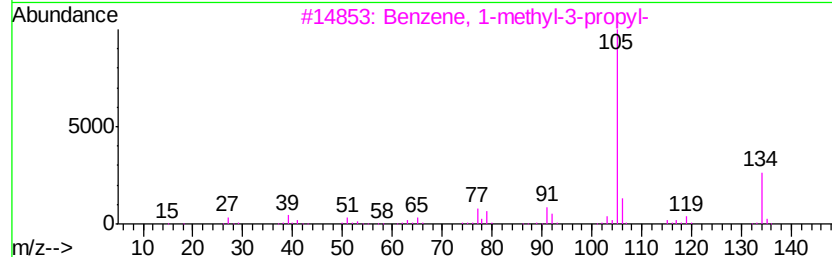
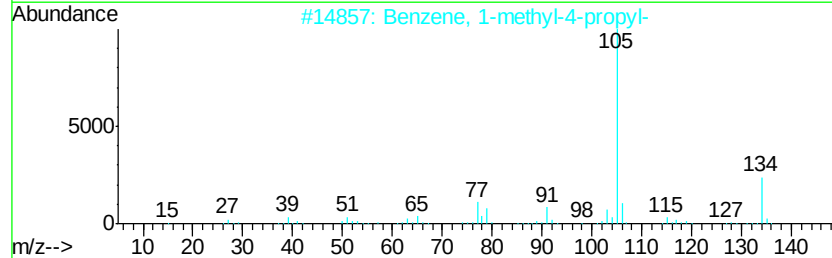
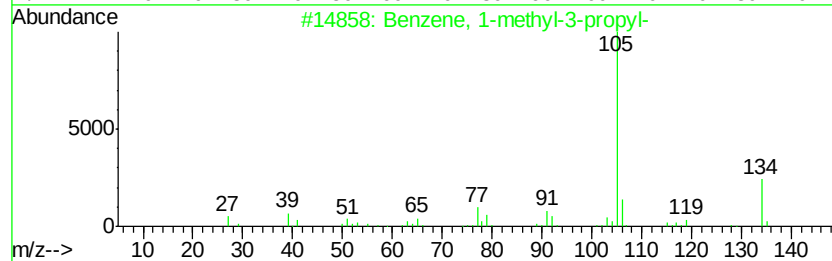
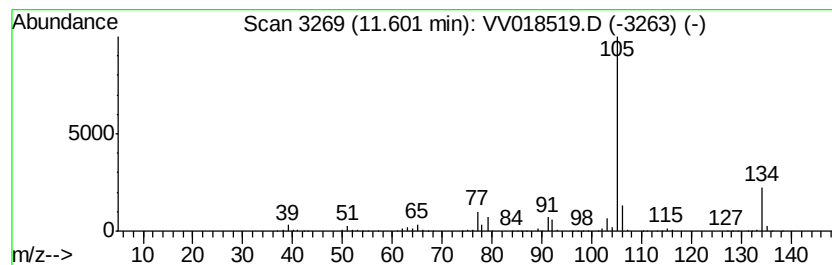
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Quant Title : VOC Analysis

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

Peak Number 21 Benzene, 1-methyl-3-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	16.65 ug/L	412385	1,4-Dichlorobenzene-d4	11.28

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83q/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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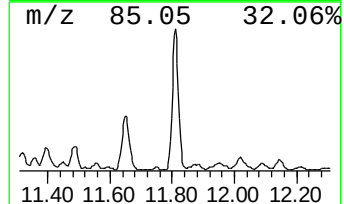
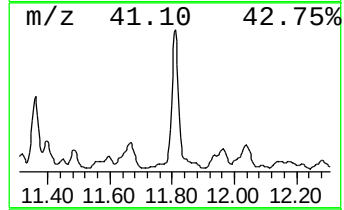
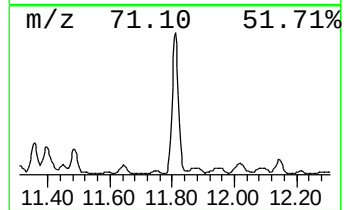
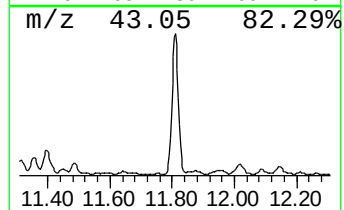
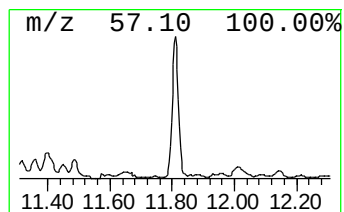
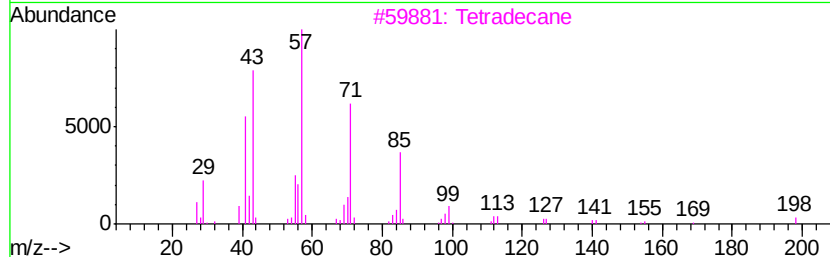
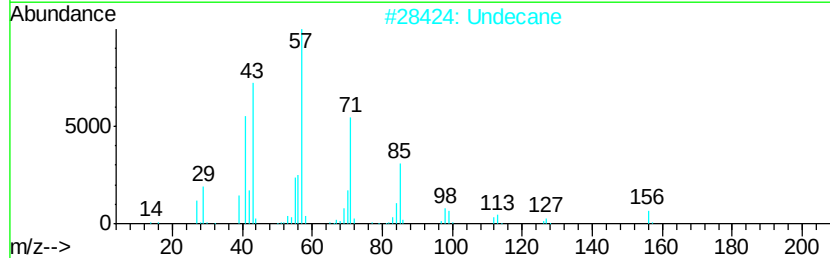
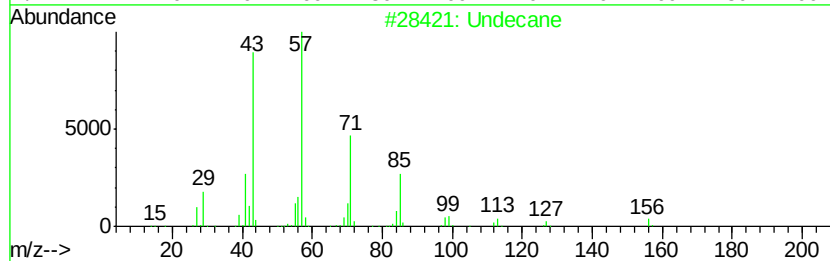
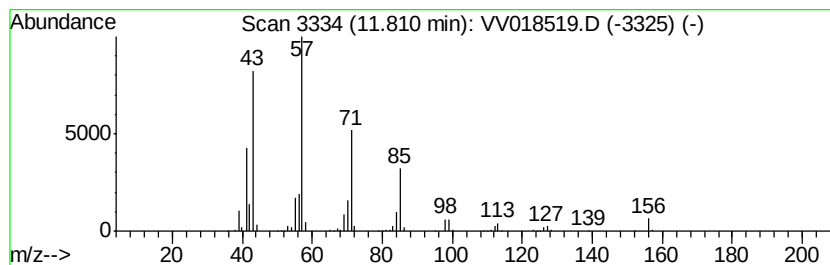
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	15.27 ug/L	378282	1,4-Dichlorobenzene-d4	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	97
2		Undecane	156	C11H24	001120-21-4	96
3		Tetradecane	198	C14H30	000629-59-4	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\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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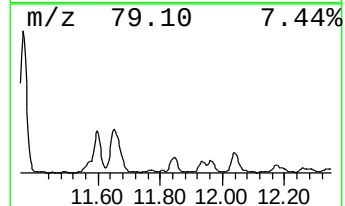
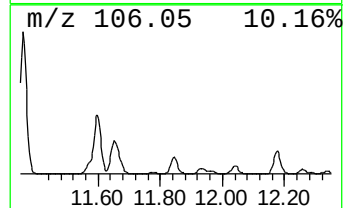
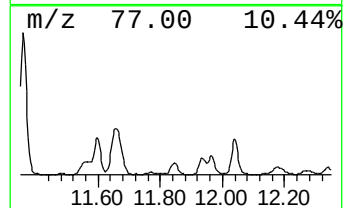
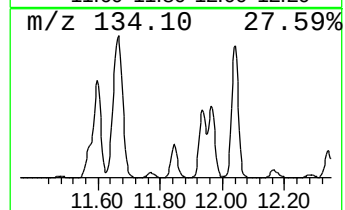
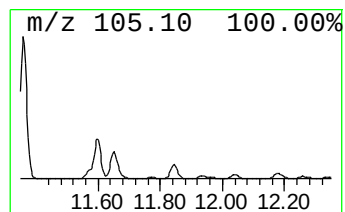
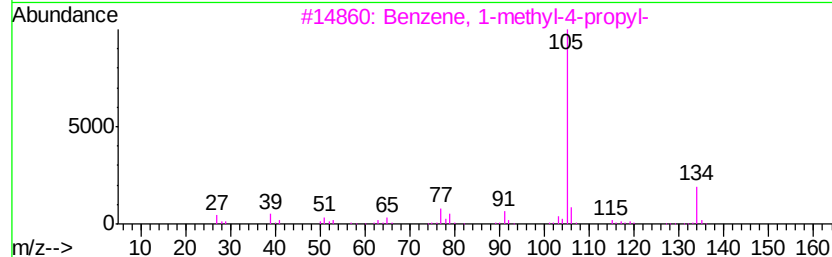
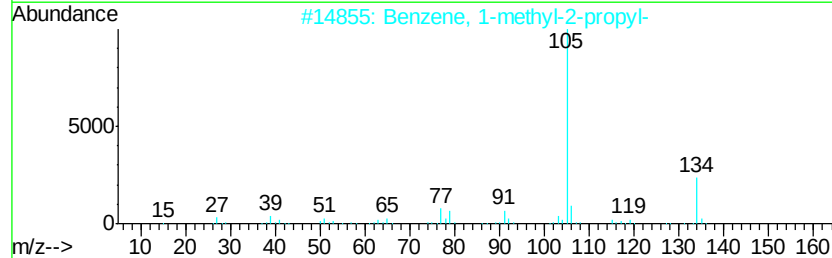
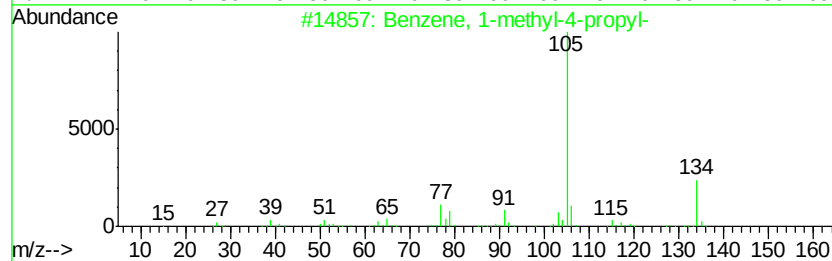
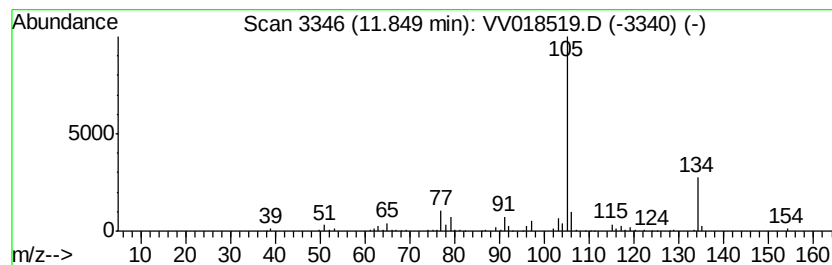
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Quant Title : VOC Analysis

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

Peak Number 23 Benzene, 1-methyl-4-propyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	7.29 ug/L	180482	1,4-Dichlorobenzene-d4	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	93
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
5		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83µL/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

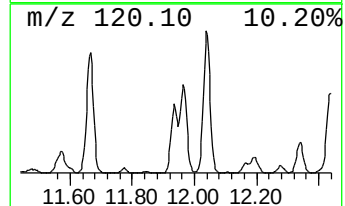
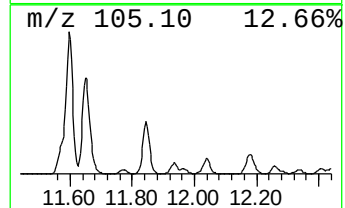
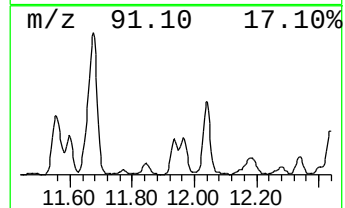
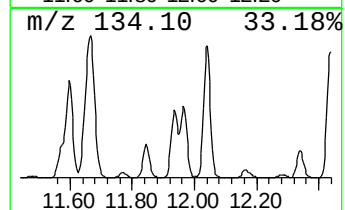
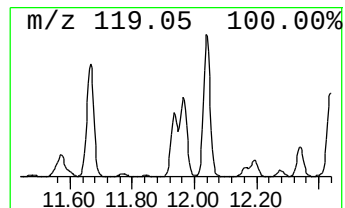
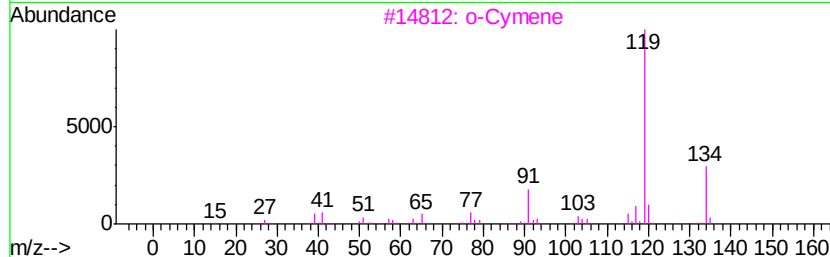
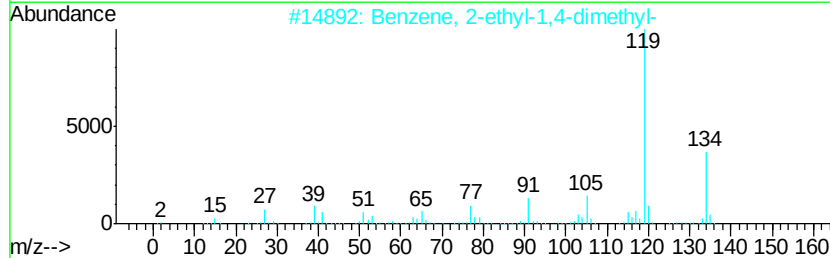
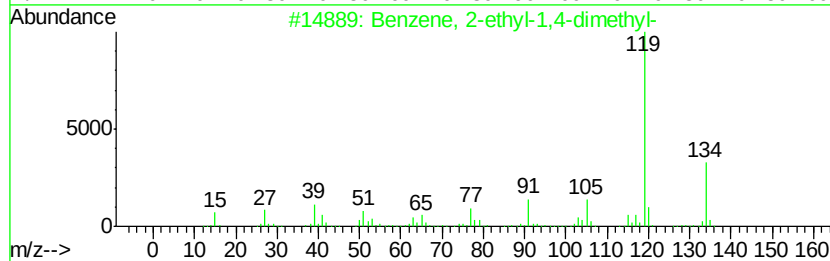
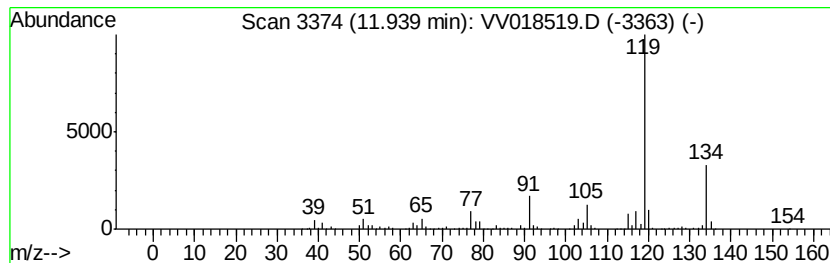
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Quant Title : VOC Analysis

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

Peak Number 24 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	11.43 ug/L	283225	1,4-Dichlorobenzene-d4	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		o-Cymene	134	C10H14	000527-84-4	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83q/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

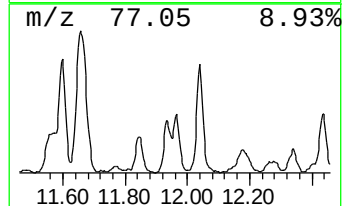
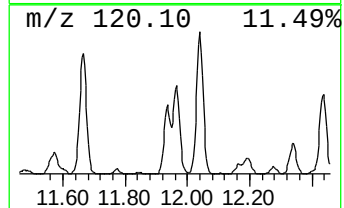
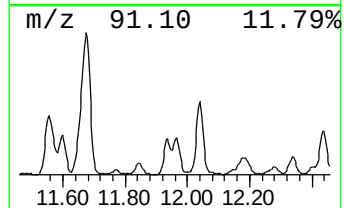
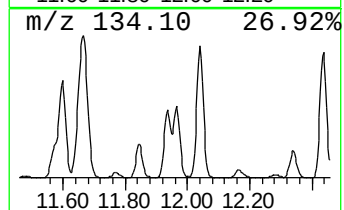
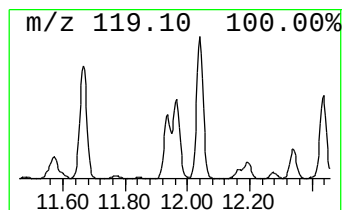
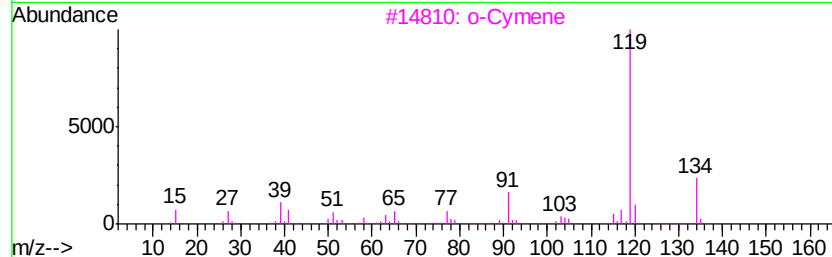
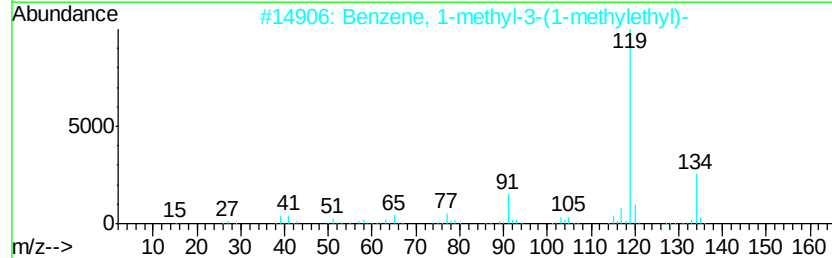
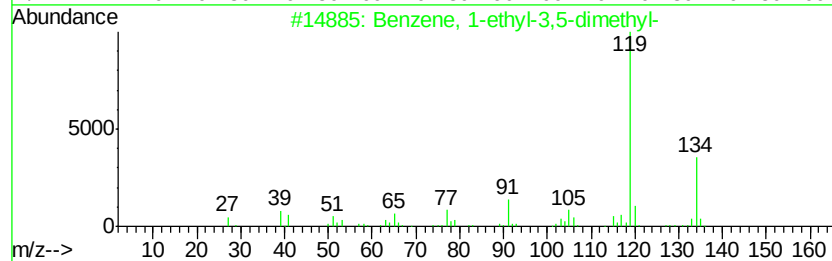
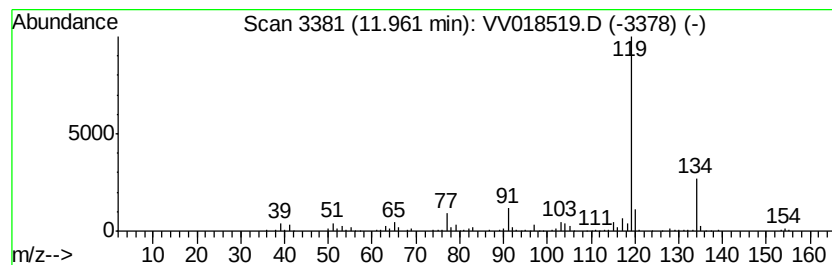
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Quant Title : VOC Analysis

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

Peak Number 25 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	10.94 ug/L	271018	1,4-Dichlorobenzene-d4	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3		o-Cymene	134	C10H14	000527-84-4	91
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83uL/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

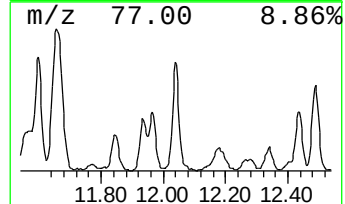
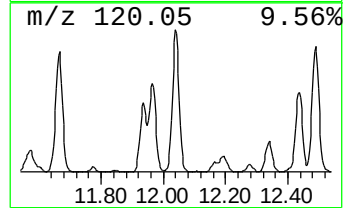
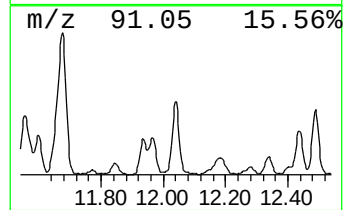
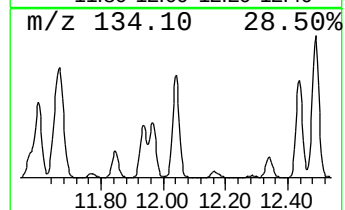
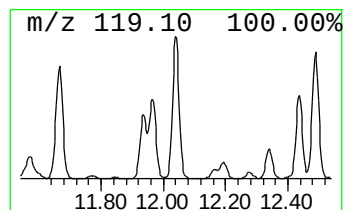
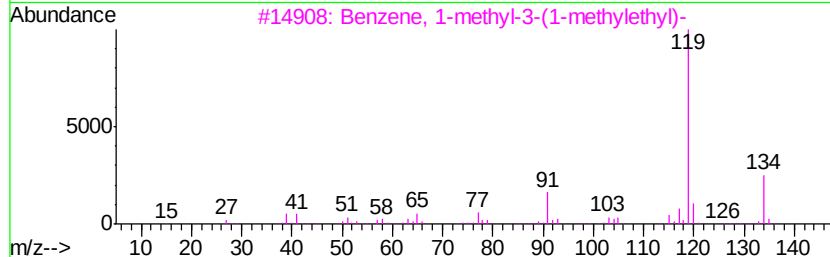
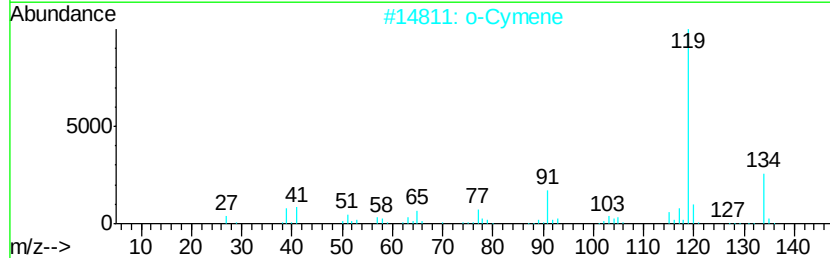
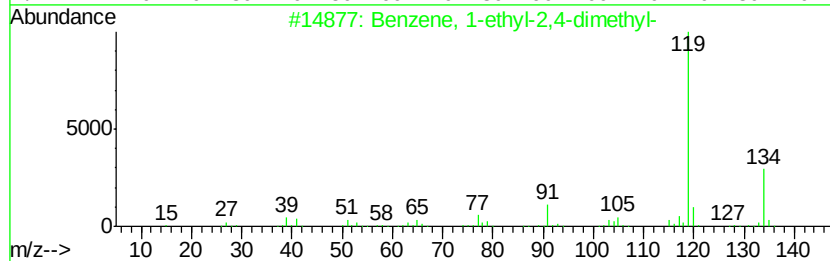
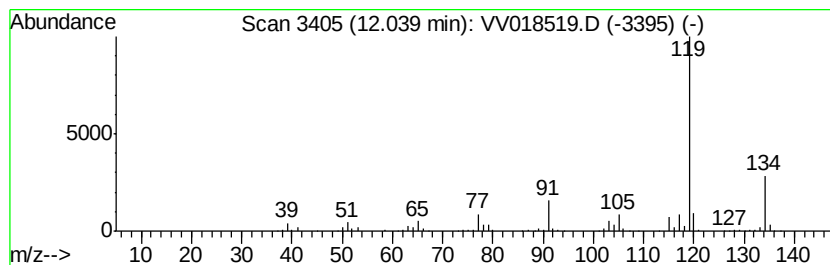
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Quant Title : VOC Analysis

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

Peak Number 26 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	24.95 ug/L	618107	1,4-Dichlorobenzene-d4	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2		o-Cymene	134	C10H14	000527-84-4	97
3		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	97
4		o-Cymene	134	C10H14	000527-84-4	97
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

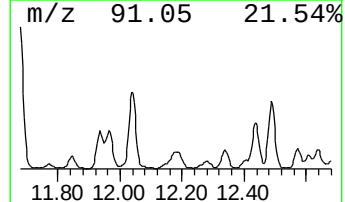
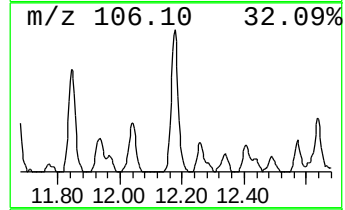
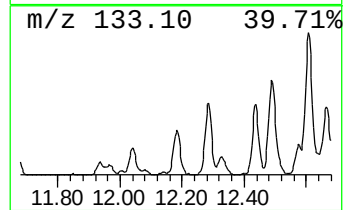
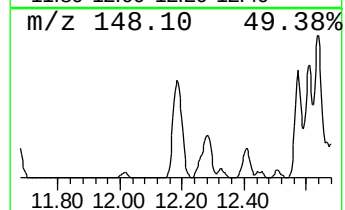
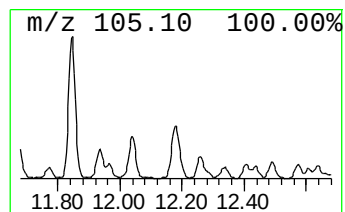
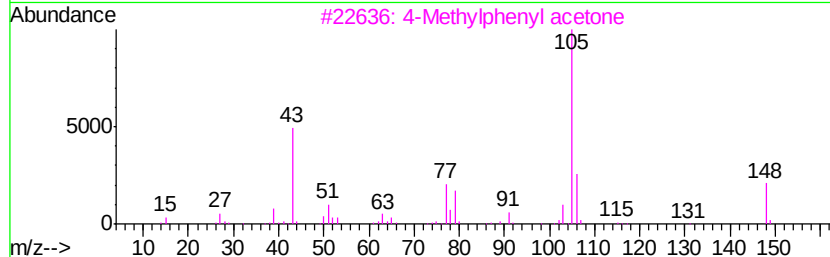
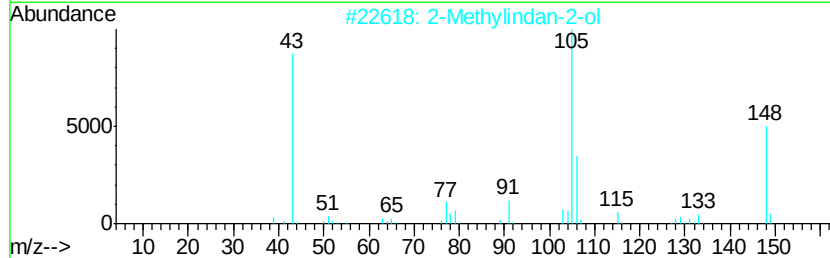
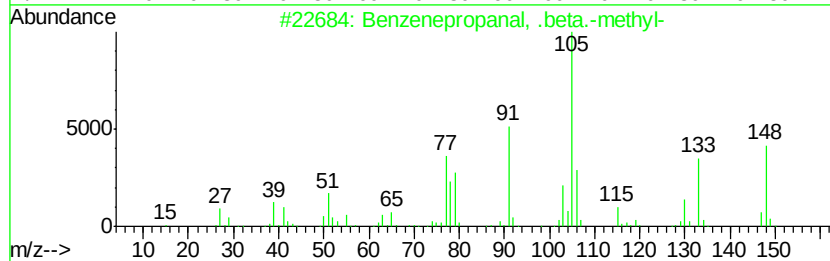
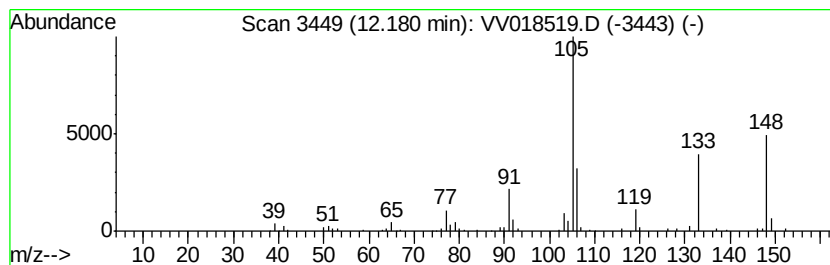
Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

Peak Number 27 Benzenepropanal, .beta.-met... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.18	7.23 ug/L	179229	1,4-Dichlorobenzene-d4	11.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	64
2	2-Methylindan-2-ol	148	C10H12O	033223-84-6	64
3	4-Methylphenyl acetone	148	C10H12O	002096-86-8	47
4	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	38
5	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
BG3W8ME

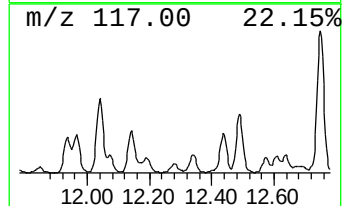
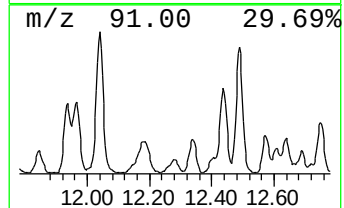
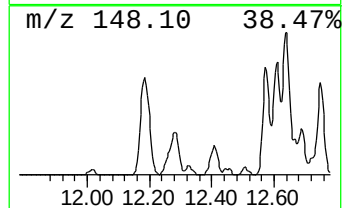
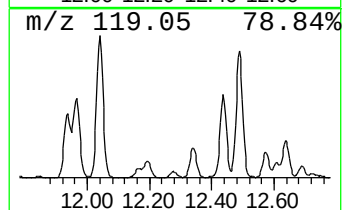
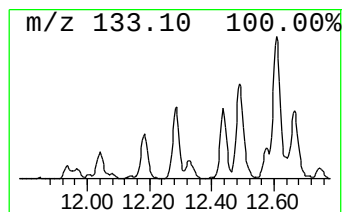
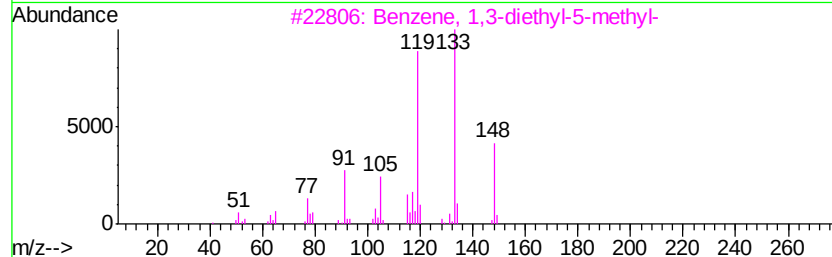
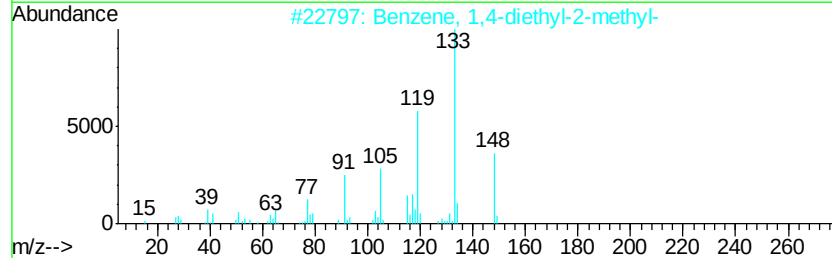
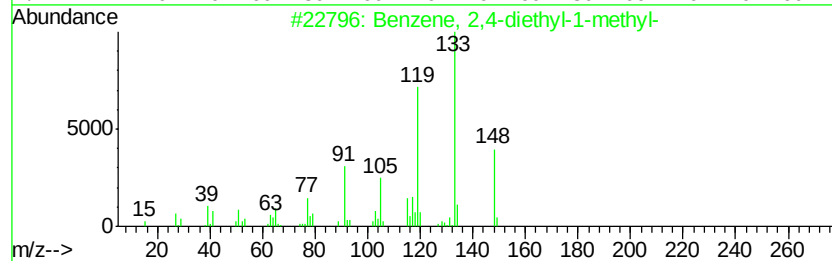
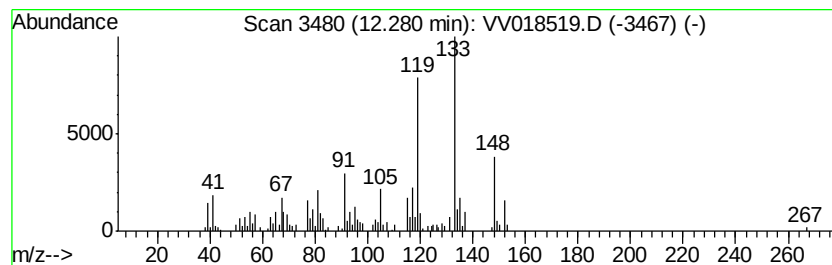
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Quant Title : VOC Analysis

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

Peak Number 28 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	4.69 ug/L	116240	1,4-Dichlorobenzene-d4	11.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	94
2			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	90
3			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	87
4			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	87
5			Benzene, pentamethyl-	148	C11H16	000700-12-9	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

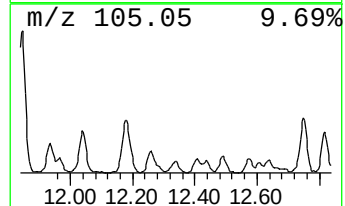
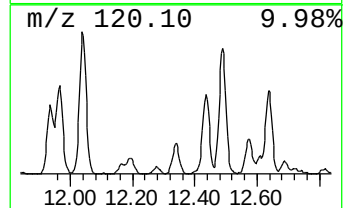
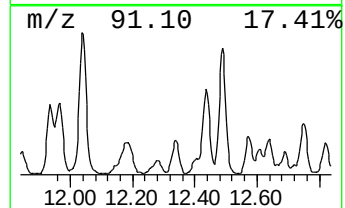
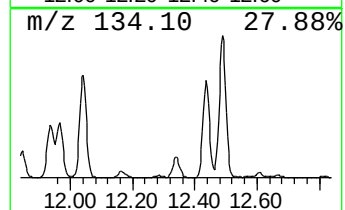
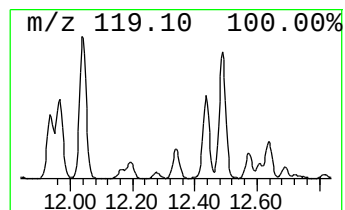
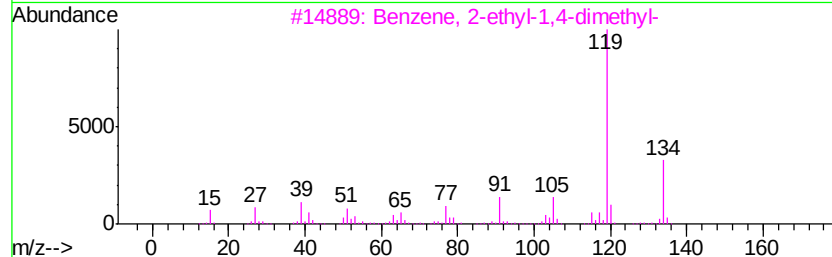
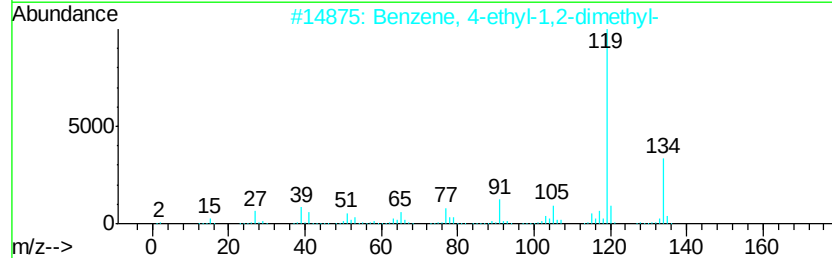
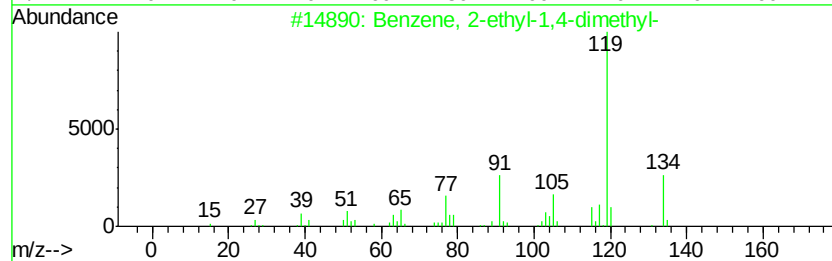
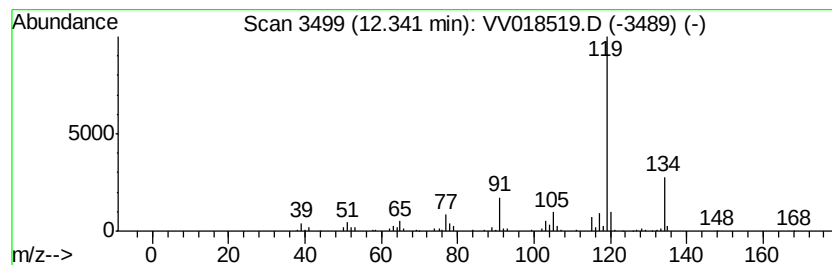
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Quant Title : VOC Analysis

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

Peak Number 29 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	5.08 ug/L	125856	1,4-Dichlorobenzene-d4	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83q/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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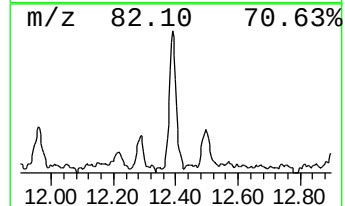
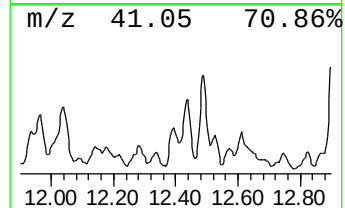
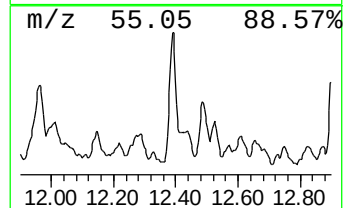
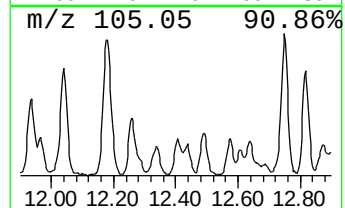
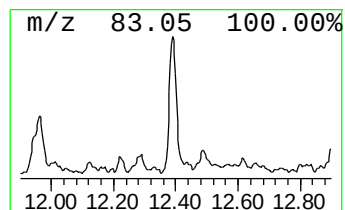
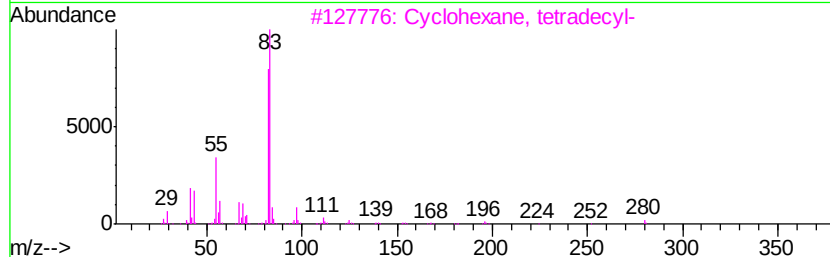
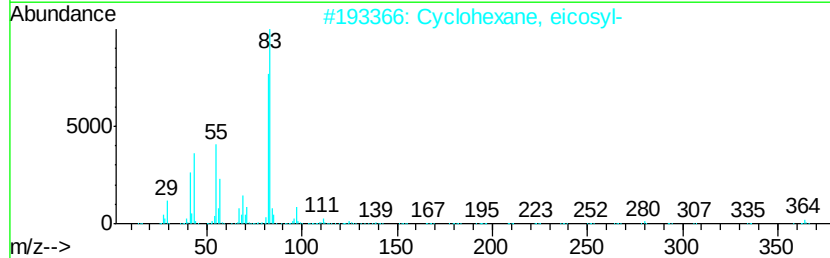
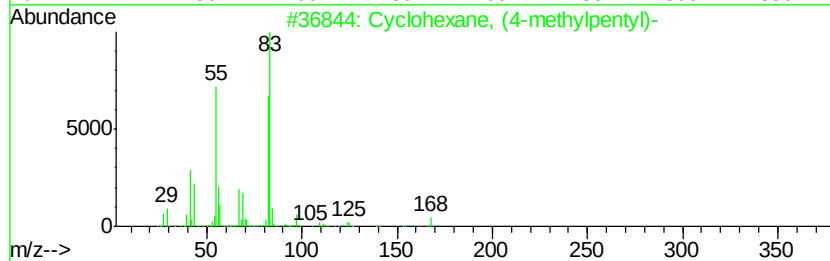
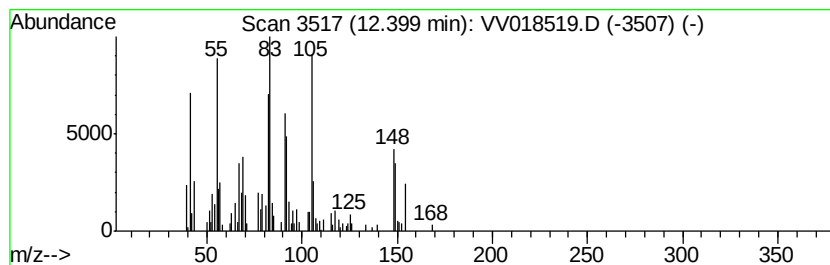
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Quant Title : VOC Analysis

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

Peak Number 30 (DEL) Alkane: Cyclic12.40 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	2.87 ug/L	71174	1,4-Dichlorobenzene-d4	11.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	47
2			Cyclohexane, eicosyl-	364	C26H52	004443-55-4	47
3			Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	47
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83q/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
BG3W8ME

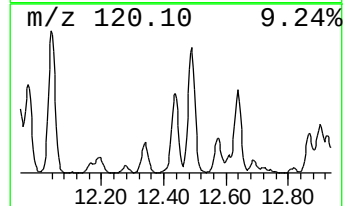
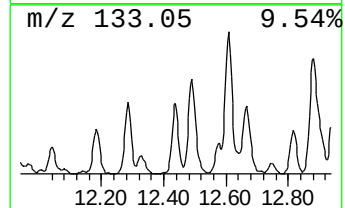
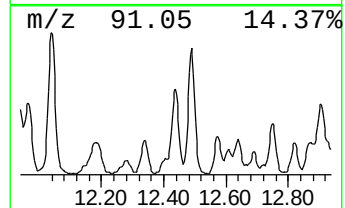
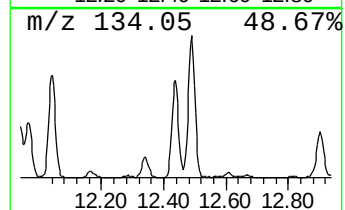
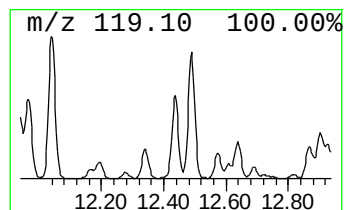
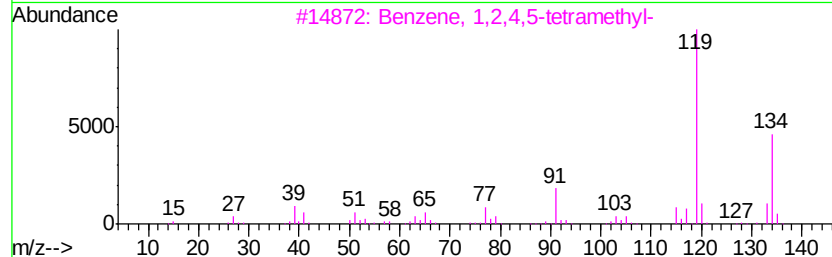
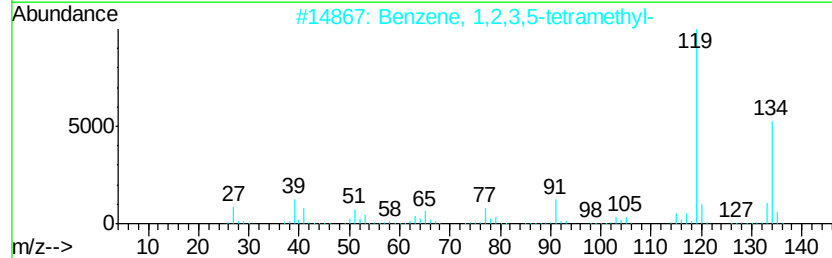
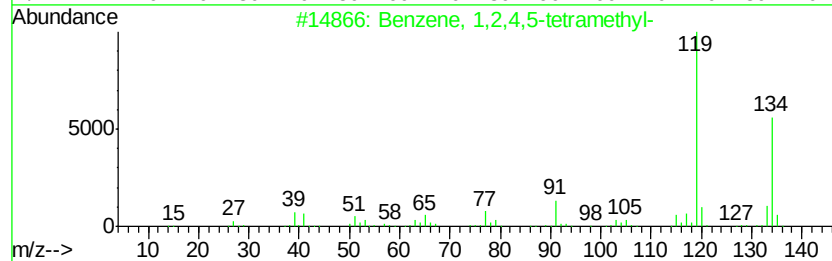
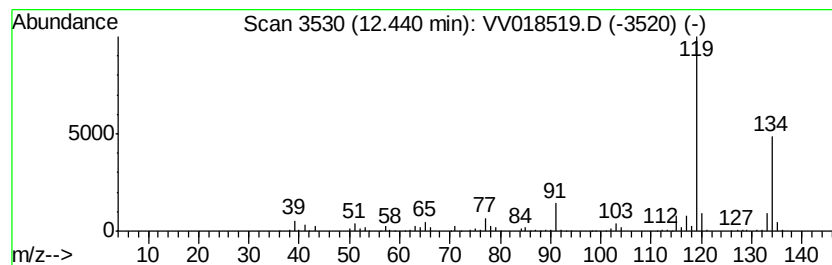
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Quant Title : VOC Analysis

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

Peak Number 31 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	13.69 ug/L	339166	1,4-Dichlorobenzene-d4	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	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\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

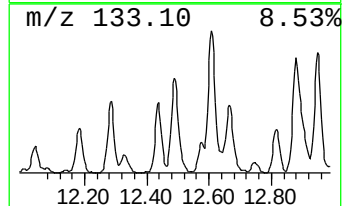
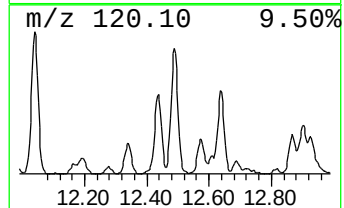
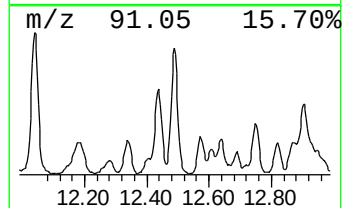
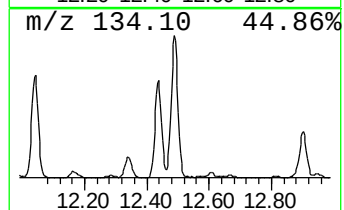
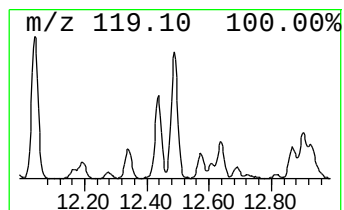
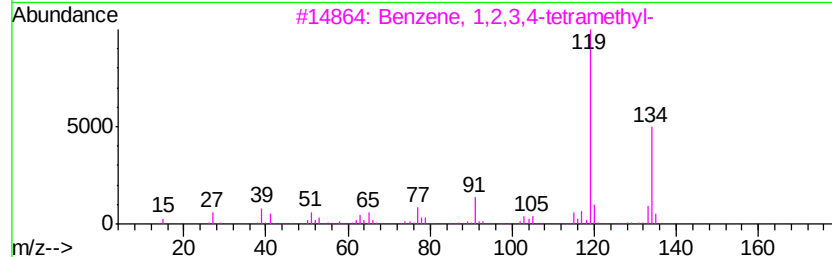
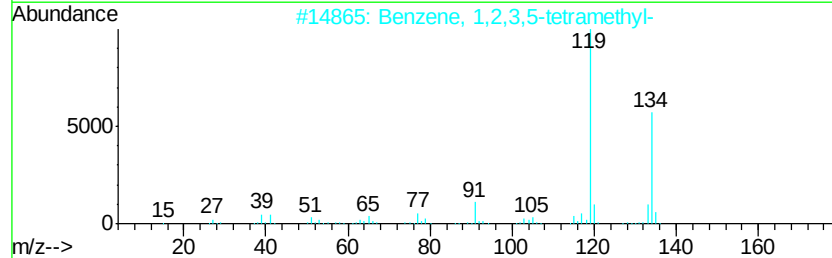
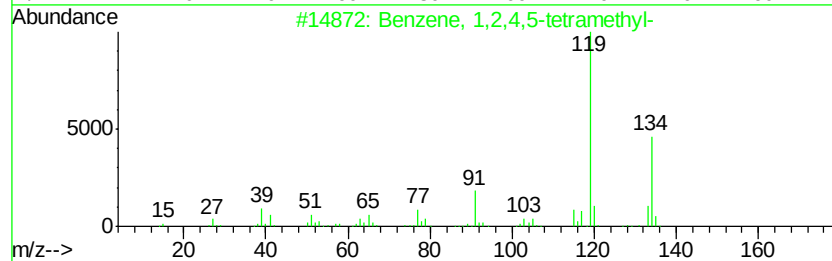
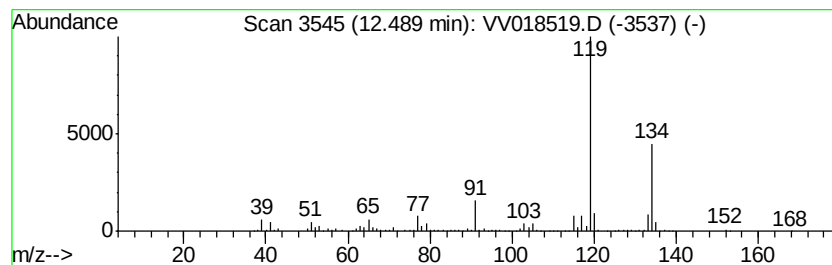
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Quant Title : VOC Analysis

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

Peak Number 32 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	20.85 ug/L	516575	1,4-Dichlorobenzene-d4	11.28

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83q/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

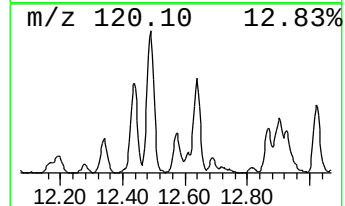
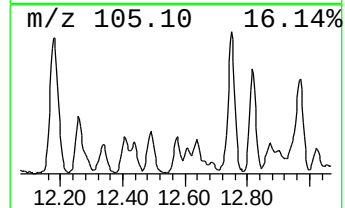
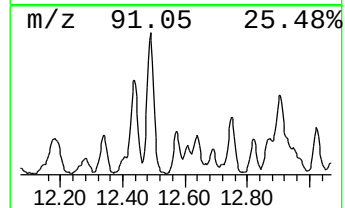
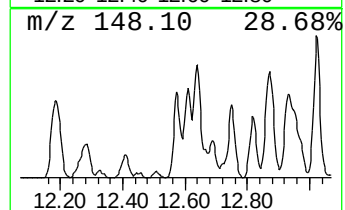
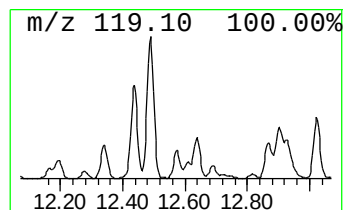
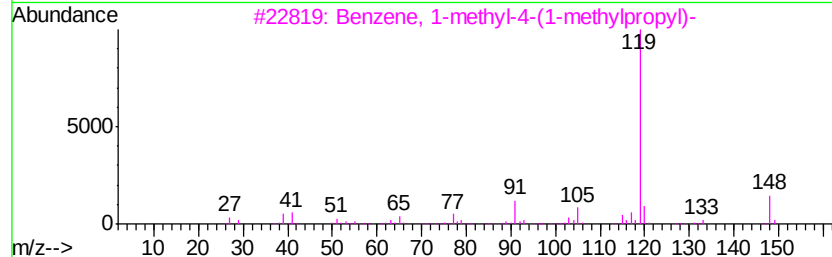
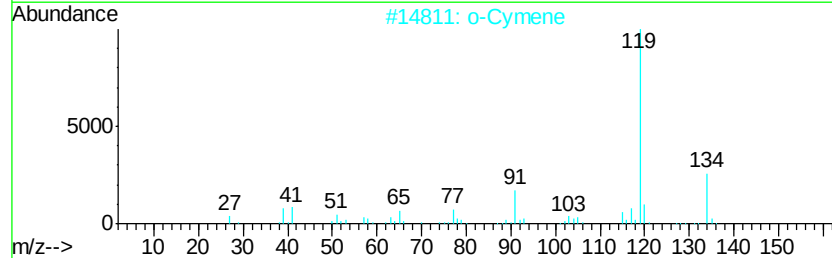
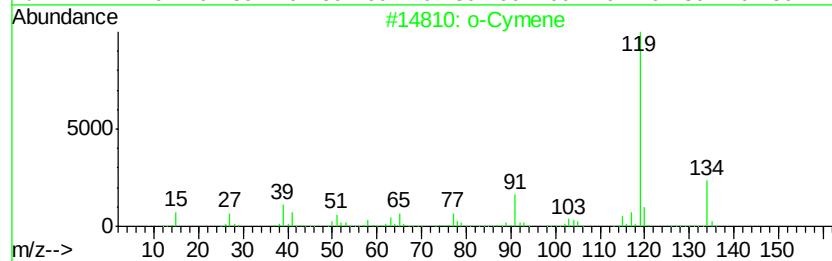
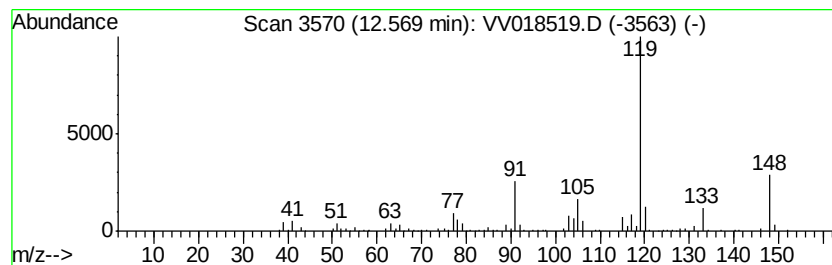
Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

Peak Number 33 o-Cymene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	4.79 ug/L	118588	1,4-Dichlorobenzene-d4	11.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 91
2		o-Cymene	134 C10H14	000527-84-4 91
3		Benzene, 1-methyl-4-(1-methylpro...	148 C11H16	001595-16-0 90
4		Benzene, 1-ethyl-2,3-dimethyl-	134 C10H14	000933-98-2 80
5		Benzene, (1,1-dimethylpropyl)-	148 C11H16	002049-95-8 72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

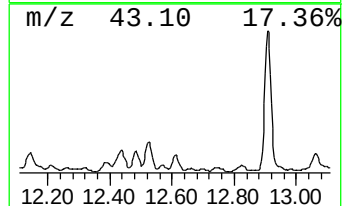
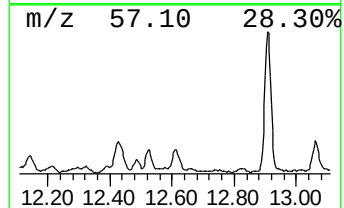
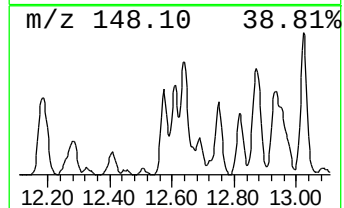
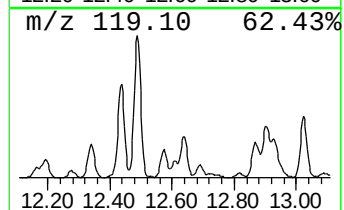
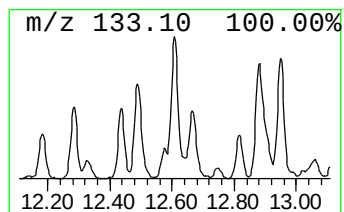
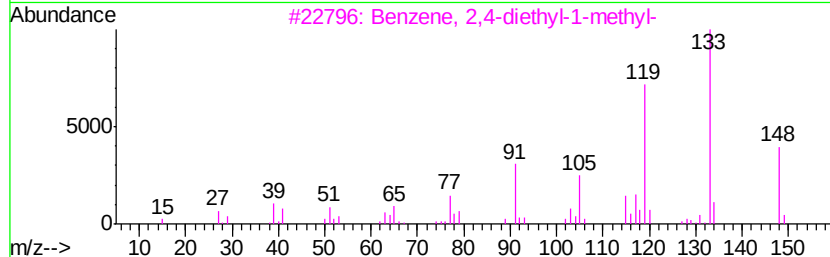
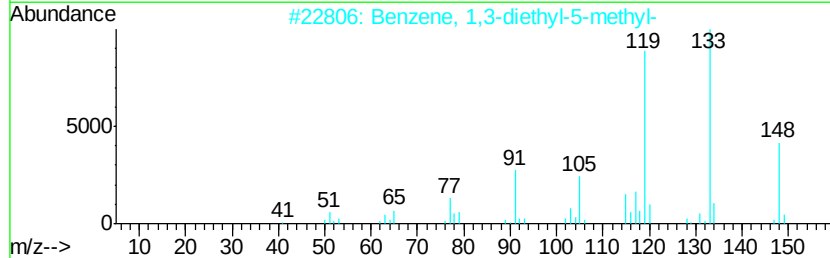
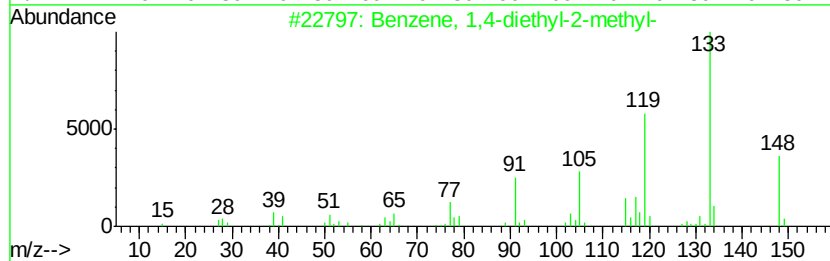
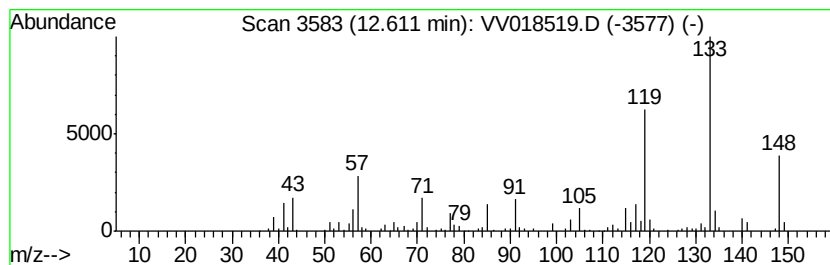
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Quant Title : VOC Analysis

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

Peak Number 34 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	4.59 ug/L	113727	1,4-Dichlorobenzene-d4	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	93
2		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	91
3		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	90
4		Benzene, pentamethyl-	148	C11H16	000700-12-9	70
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

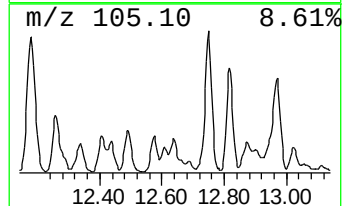
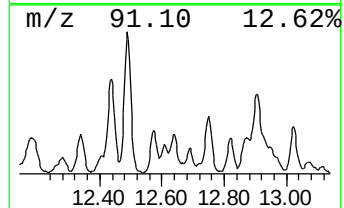
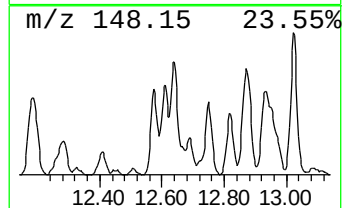
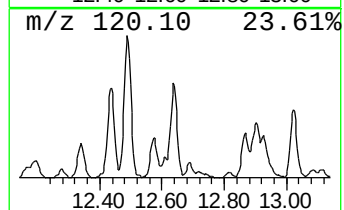
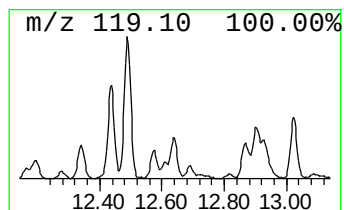
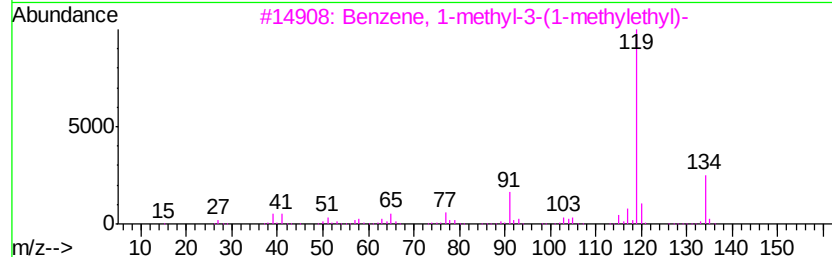
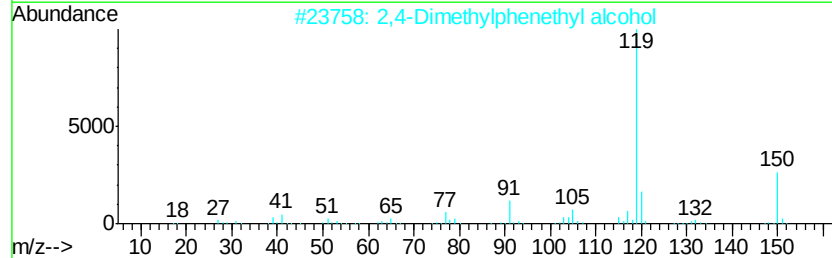
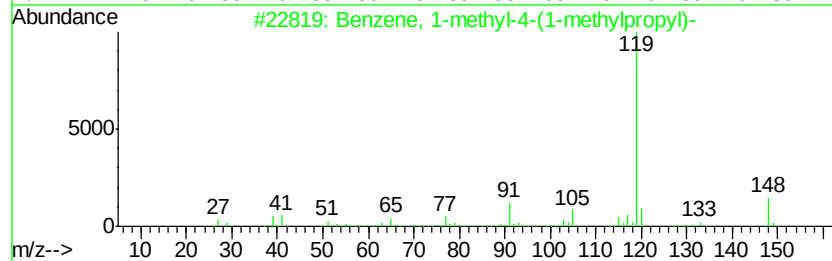
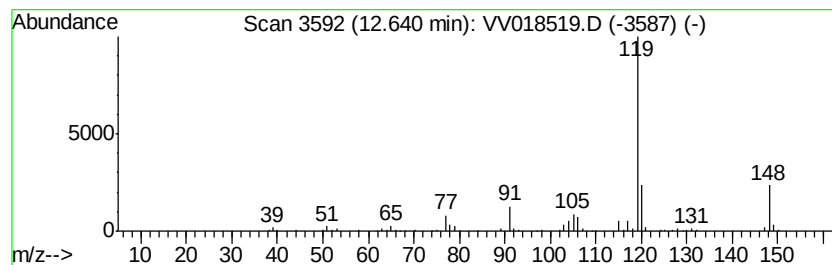
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Quant Title : VOC Analysis

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

Peak Number 35 Benzene, 1-methyl-4-(1-meth... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	4.59 ug/L	113742	1,4-Dichlorobenzene-d4	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
2		2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	59
3		Benzene, 1-methyl-3-(1-methyl-eth...	134	C10H14	000535-77-3	53
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	53
5		Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83q/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

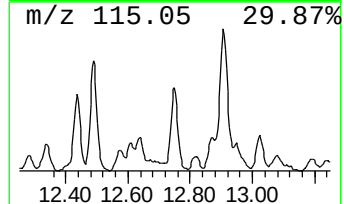
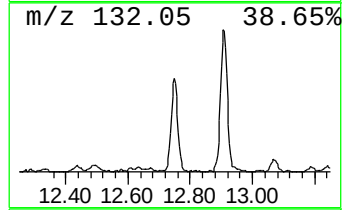
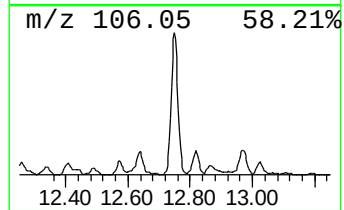
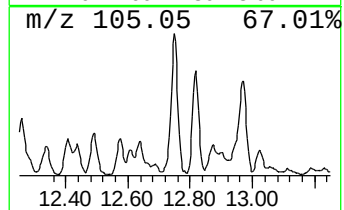
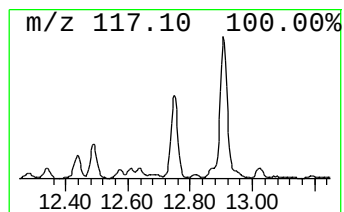
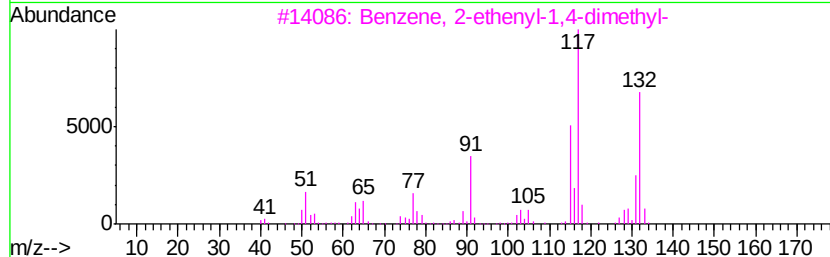
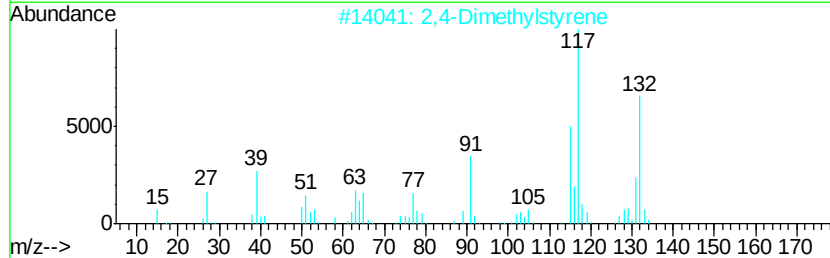
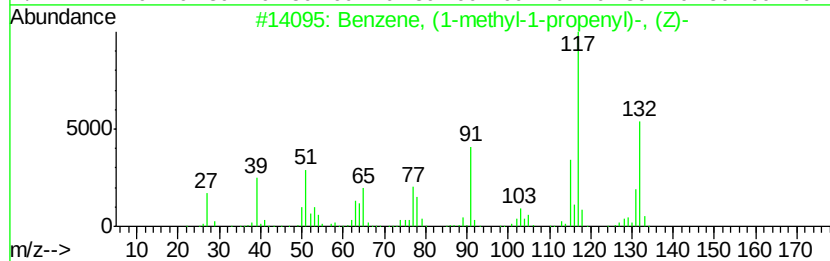
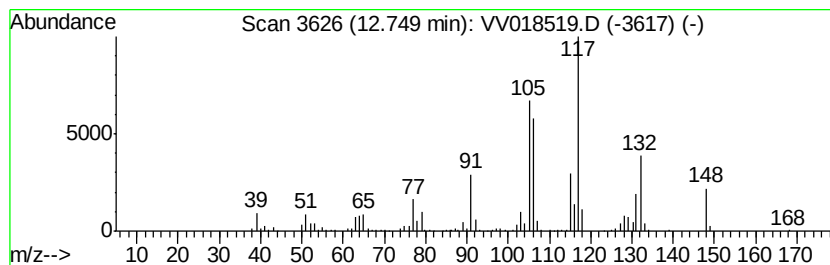
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Quant Title : VOC Analysis

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

Peak Number 36 Benzene, (1-methyl-1-propen... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	9.34 ug/L	231266	1,4-Dichlorobenzene-d4	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000767-99-7	93
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
3		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	76
5		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

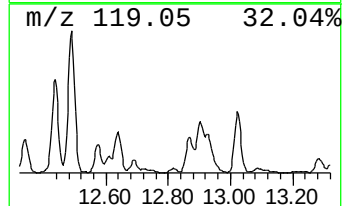
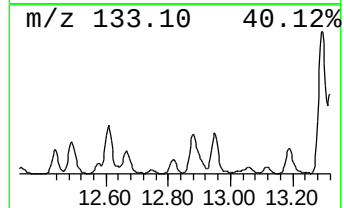
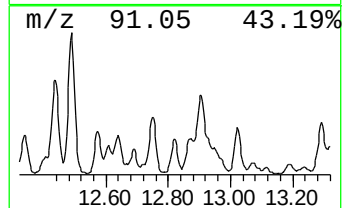
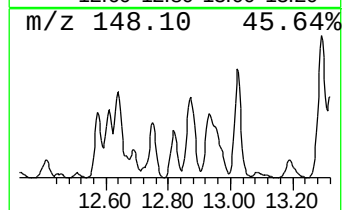
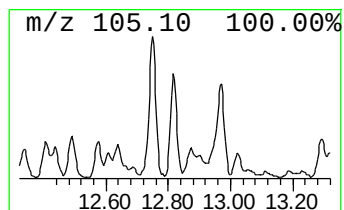
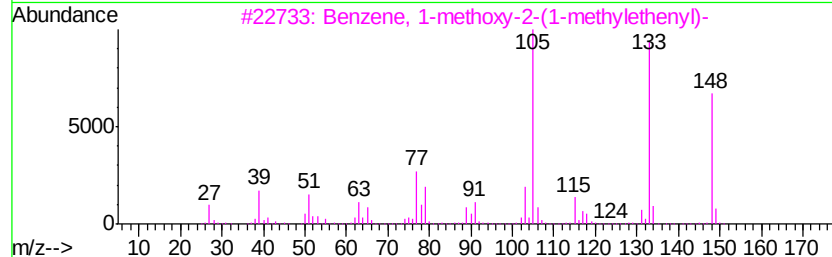
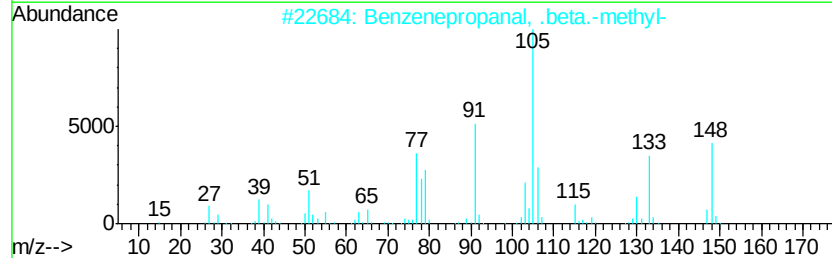
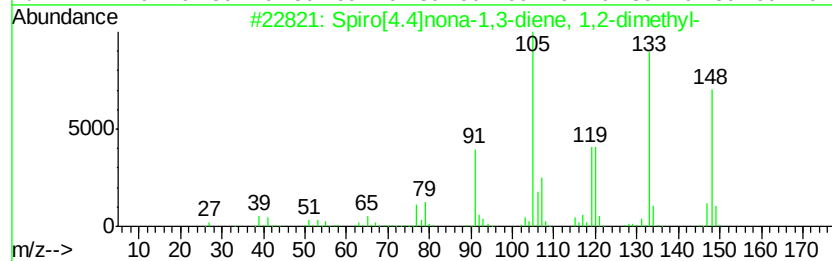
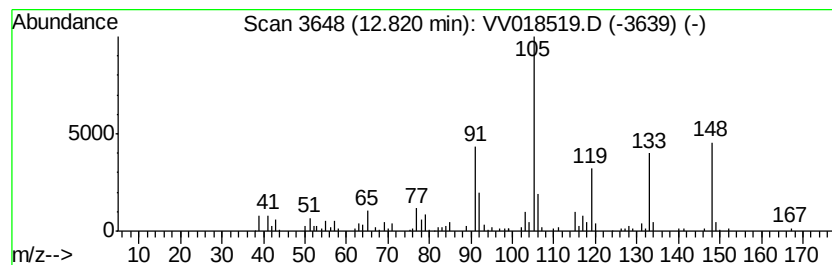
Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

Peak Number 37 Spiro[4.4]nona-1,3-diene, 1... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	3.72 ug/L	92060	1,4-Dichlorobenzene-d4	11.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Spiro[4.4]nona-1,3-diene, 1,2-di...	148 C11H16	1000163-57-6 59
2		Benzenepropanal, .beta.-methyl-	148 C10H12O	016251-77-7 50
3		Benzene, 1-methoxy-2-(1-methylet...	148 C10H12O	010278-02-1 47
4		2-Methyl-3,5-dinitrophenyl .beta...	330 C16H14N2O6	1000129-40-5 46
5		Nopyl acetate	208 C13H20O2	000128-51-8 45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

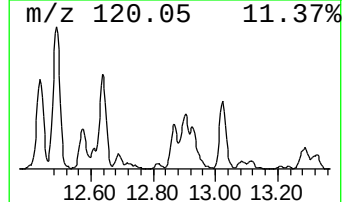
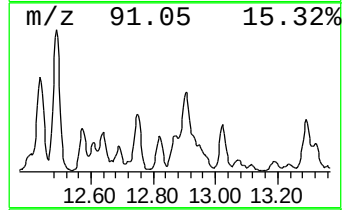
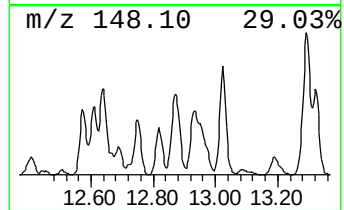
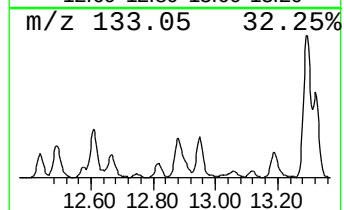
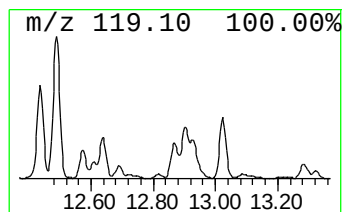
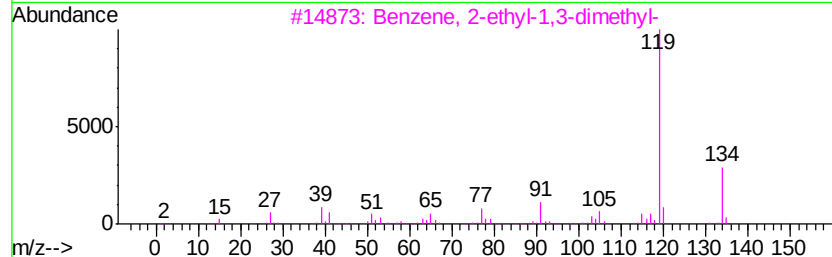
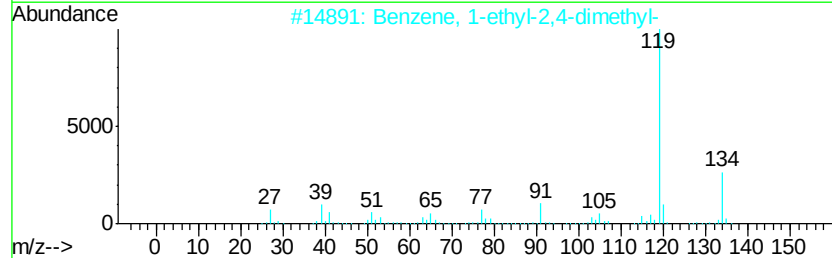
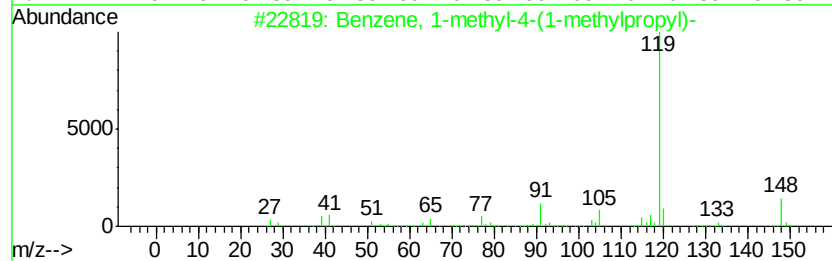
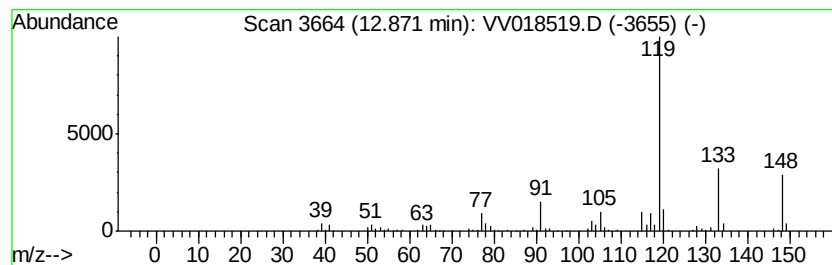
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Quant Title : VOC Analysis

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

Peak Number 38 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	5.38 ug/L	133352	1,4-Dichlorobenzene-d4	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpropyl)-	148	C11H16	001595-16-0	81
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	68
5		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

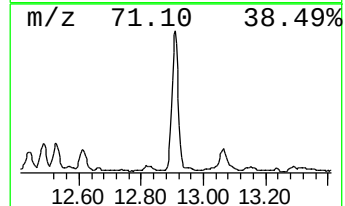
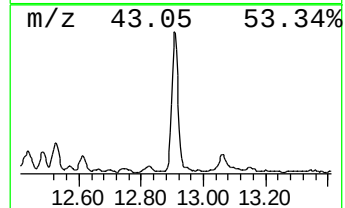
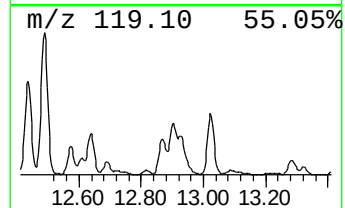
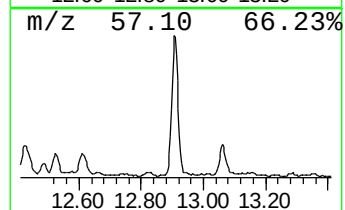
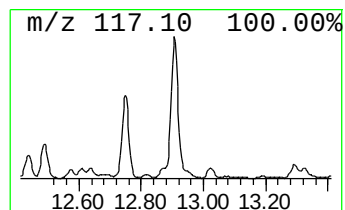
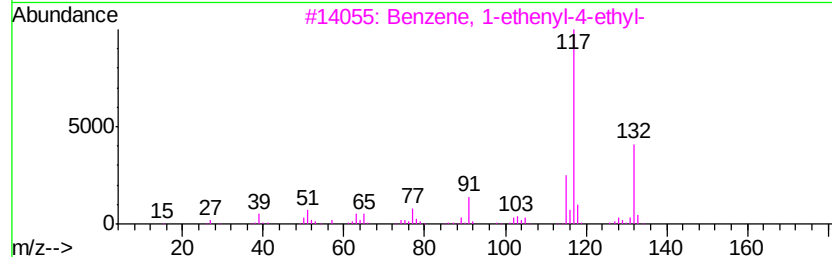
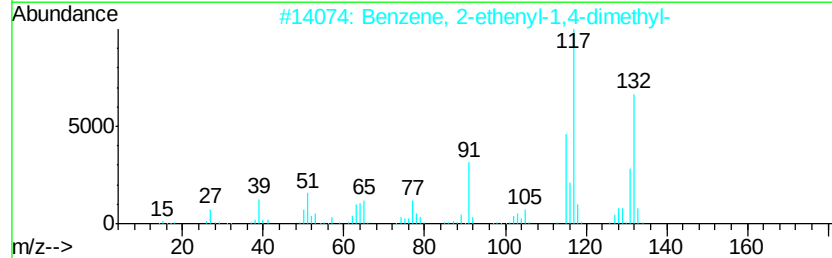
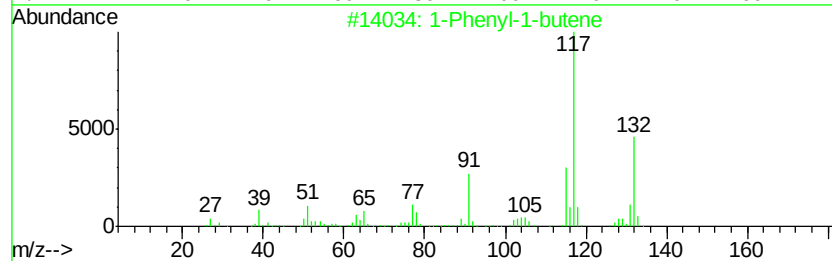
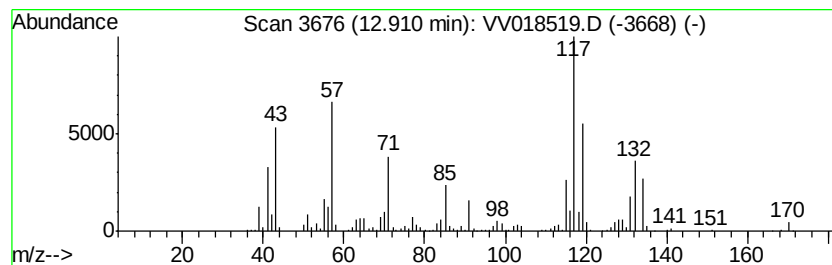
Instrument :
MSVOA_V
ClientSampled :
BG3W8ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

Peak Number 39 1-Phenyl-1-butene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	30.70 ug/L	760549	1,4-Dichlorobenzene-d4	11.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Phenyl-1-butene	132 C10H12	000824-90-8 90
2		Benzene, 2-ethenyl-1,4-dimethyl-	132 C10H12	002039-89-6 89
3		Benzene, 1-ethenyl-4-ethyl-	132 C10H12	003454-07-7 60
4		Indan, 1-methyl-	132 C10H12	000767-58-8 60
5		1H-Indene, 2,3-dihydro-4-methyl-	132 C10H12	000824-22-6 60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83q/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

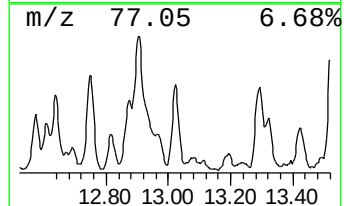
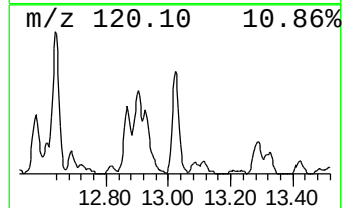
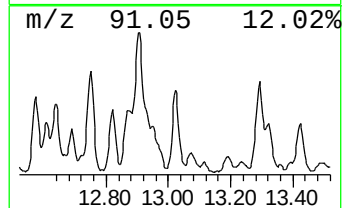
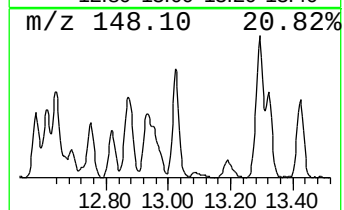
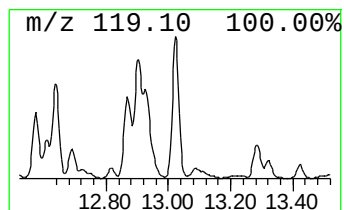
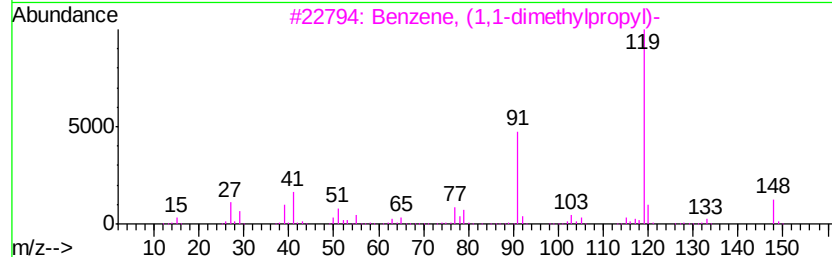
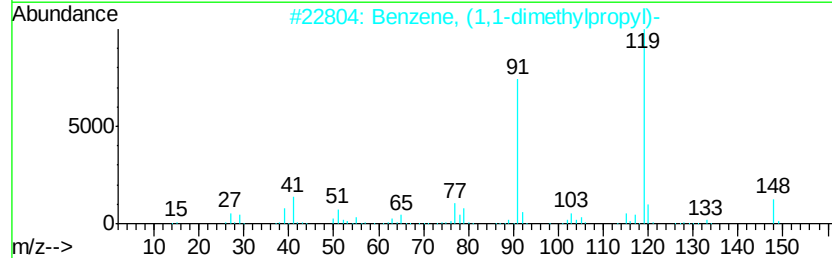
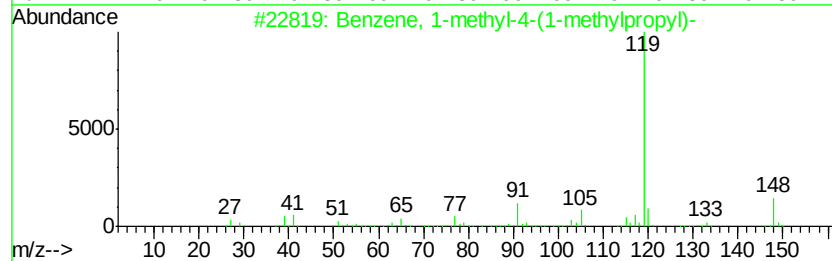
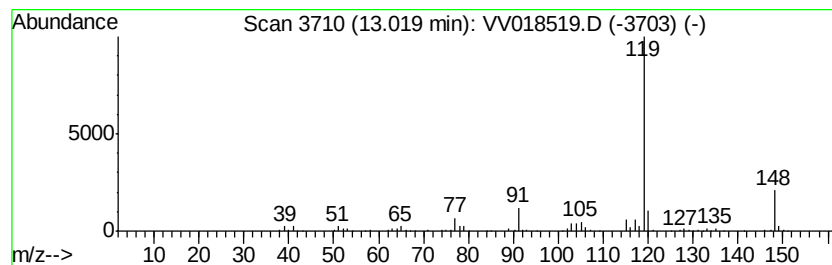
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Quant Title : VOC Analysis

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

Peak Number 40 Benzene, (1,1-dimethylpropyl)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	6.73 ug/L	166758	1,4-Dichlorobenzene-d4	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	86
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

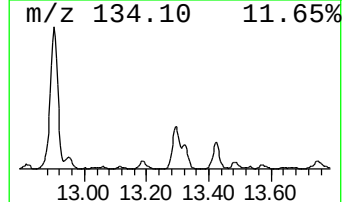
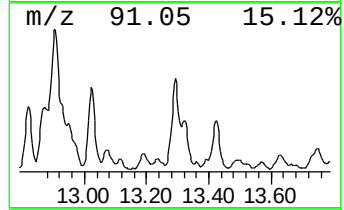
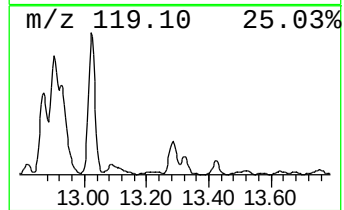
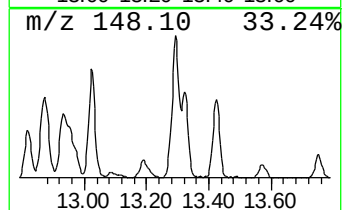
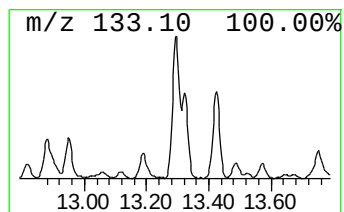
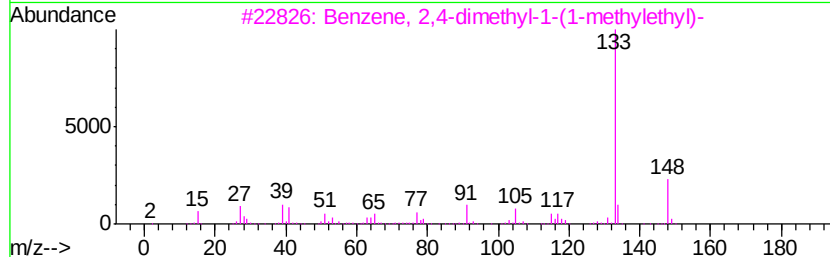
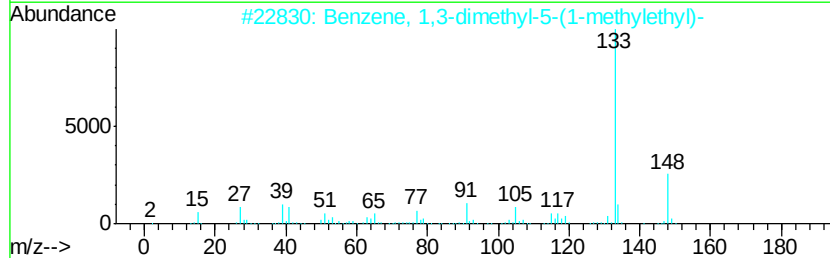
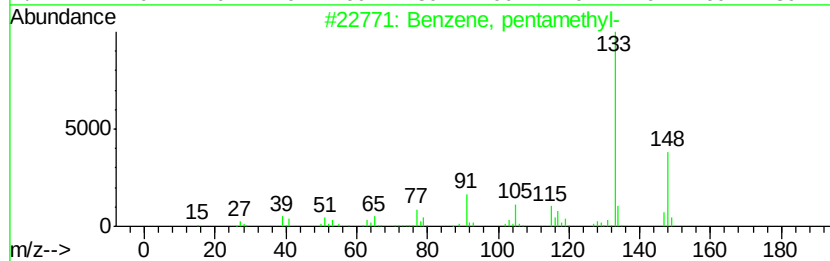
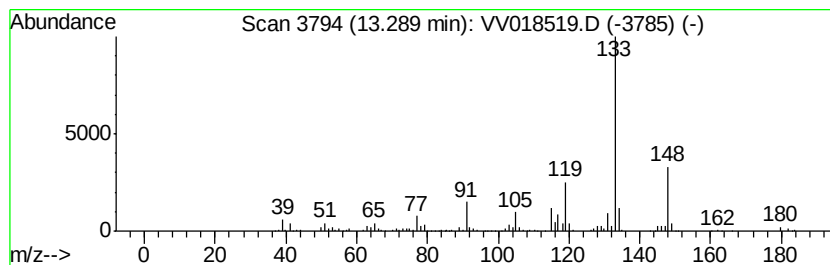
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Quant Title : VOC Analysis

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

Peak Number 41 Benzene, pentamethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	10.68 ug/L	264490	1,4-Dichlorobenzene-d4	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, pentamethyl-	148	C11H16	000700-12-9	93
2		Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	90
3		Benzene, 2,4-dimethyl-1-(1-methyl-...	148	C11H16	004706-89-2	90
4		3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

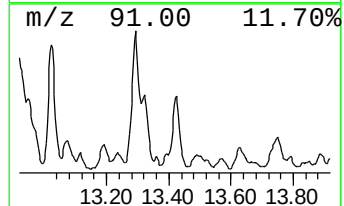
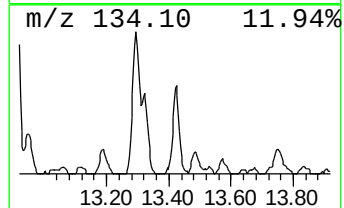
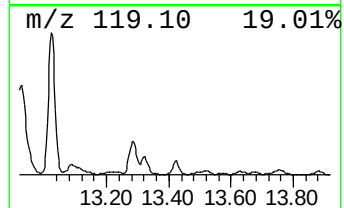
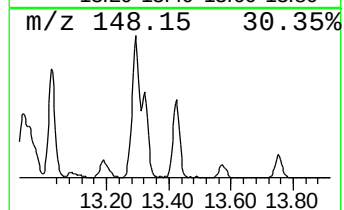
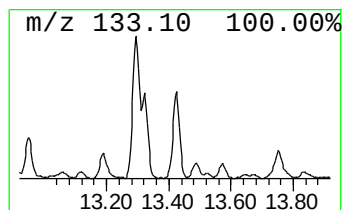
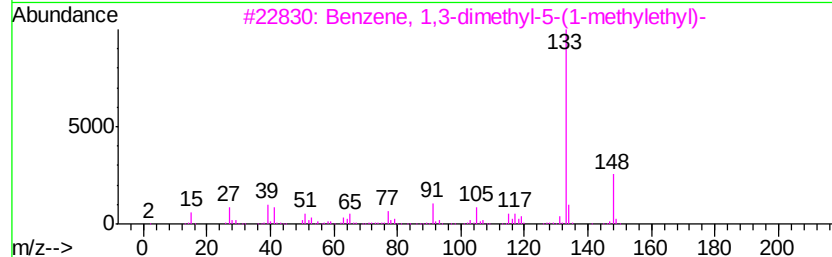
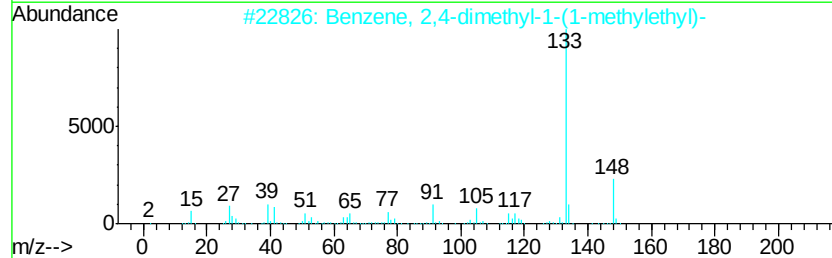
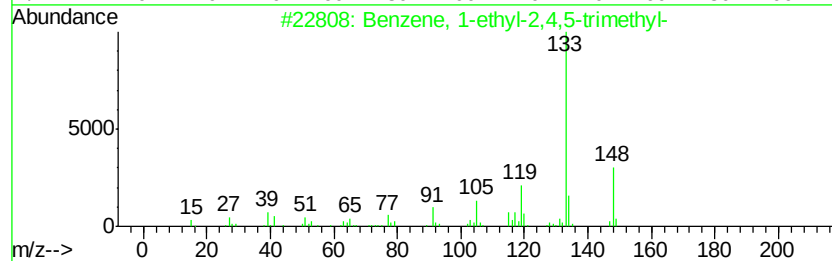
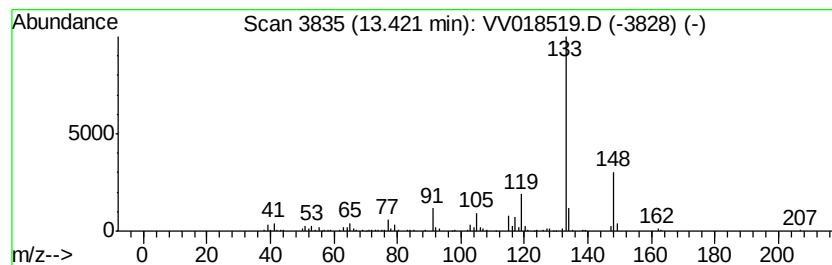
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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

Peak Number 42 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	4.92 ug/L	121932	1,4-Dichlorobenzene-d4	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	91
2		Benzene, 2,4-dimethyl-1-(1-methyl-...	148	C11H16	004706-89-2	90
3		Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	90
4		3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
 Data File : VV018519.D
 Acq On : 29 Sep 2020 16:19
 Operator : SY/MD
 Sample : L4109-04ME
 Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3W8ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.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...	2.53	70.5	ug/L	1210880	1	5.64	858796	50.0
(DEL) Alkane: Str...	2.76	133.9	ug/L	2300790	1	5.64	858796	50.0
(DEL) Alkane: Str...	3.04	402.9	ug/L	6921080	1	5.64	858796	50.0
(DEL) Alkane: Str...	3.55	15.9	ug/L	272763	1	5.64	858796	50.0
(DEL) Alkane: Str...	3.68	8.9	ug/L	153281	1	5.64	858796	50.0
(DEL) Alkane: Cyc...	3.77	109.9	ug/L	1887610	1	5.64	858796	50.0
unknown-01	5.93	2.6	ug/L	45068	1	5.64	858796	50.0
(DEL) Alkane: Str...	9.23	2.7	ug/L	60122	2	8.87	1100560	50.0
(DEL) Alkane: Str...	10.14	3.8	ug/L	95141	3	11.28	1238670	50.0
Benzene, propyl-	10.38	46.1	ug/L	1142660	3	11.28	1238670	50.0
Benzene, 1-ethyl-...	10.47	256.6	ug/L	6356420	3	11.28	1238670	50.0
Benzene, 1,2,3-tr...	10.56	87.6	ug/L	2170260	3	11.28	1238670	50.0
4-Heptanone, 2,6-...	10.72	20.1	ug/L	498399	3	11.28	1238670	50.0
Benzene, 1-ethyl-...	10.76	73.3	ug/L	1816830	3	11.28	1238670	50.0
Benzene, 1,2,4-tr...	10.94	288.7	ug/L	7152390	3	11.28	1238670	50.0
(DEL) Alkane: Cyc...	11.17	2.9	ug/L	71936	3	11.28	1238670	50.0
p-Cymene	11.22	3.3	ug/L	81712	3	11.28	1238670	50.0
Mesitylene	11.36	73.5	ug/L	1821110	3	11.28	1238670	50.0
Indane	11.55	27.2	ug/L	674350	3	11.28	1238670	50.0
Benzene, 1-methyl...	11.60	16.6	ug/L	412385	3	11.28	1238670	50.0
(DEL) Alkane: Str...	11.81	15.3	ug/L	378282	3	11.28	1238670	50.0
Benzene, 1-methyl...	11.85	7.3	ug/L	180482	3	11.28	1238670	50.0
Benzene, 2-ethyl-...	11.94	11.4	ug/L	283225	3	11.28	1238670	50.0
Benzene, 1-ethyl-...	11.96	10.9	ug/L	271018	3	11.28	1238670	50.0
Benzene, 1-ethyl-...	12.04	24.9	ug/L	618107	3	11.28	1238670	50.0
Benzenepropanal, ...	12.18	7.2	ug/L	179229	3	11.28	1238670	50.0
Benzene, 2,4-diet...	12.28	4.7	ug/L	116240	3	11.28	1238670	50.0
Benzene, 4-ethyl-...	12.34	5.1	ug/L	125856	3	11.28	1238670	50.0
(DEL) Alkane: Cyc...	12.40	2.9	ug/L	71174	3	11.28	1238670	50.0
Benzene, 1,2,4,5-...	12.44	13.7	ug/L	339166	3	11.28	1238670	50.0
Benzene, 1,2,3,5-...	12.49	20.9	ug/L	516575	3	11.28	1238670	50.0
o-Cymene	12.57	4.8	ug/L	118588	3	11.28	1238670	50.0
Benzene, 1,4-diet...	12.61	4.6	ug/L	113727	3	11.28	1238670	50.0
Benzene, 1-methyl...	12.64	4.6	ug/L	113742	3	11.28	1238670	50.0
Benzene, (1-methy...	12.75	9.3	ug/L	231266	3	11.28	1238670	50.0
Spiro[4.4]nona-1,...	12.82	3.7	ug/L	92060	3	11.28	1238670	50.0
Benzene, 2-ethyl-...	12.87	5.4	ug/L	133352	3	11.28	1238670	50.0
1-Phenyl-1-butene	12.91	30.7	ug/L	760549	3	11.28	1238670	50.0
Benzene, (1,1-dim...	13.02	6.7	ug/L	166758	3	11.28	1238670	50.0
Benzene, pentamet...	13.29	10.7	ug/L	264490	3	11.28	1238670	50.0
Benzene, 1-ethyl-...	13.42	4.9	ug/L	121932	3	11.28	1238670	50.0