

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
 Data File : VV020144.D
 Acq On : 22 Jan 2021 18:36
 Operator : SY/MD
 Sample : M1201-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Z8

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M

Title : VOC Analysis

Signal : TIC: VV020144.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.110	3	6	20	rVB2	49194	44463	0.33%	0.099%
2	1.309	59	68	80	rBV	259798	272842	2.01%	0.607%
3	1.566	141	148	161	rVB	217114	244792	1.80%	0.544%
4	1.634	163	169	180	rVB	17125	22810	0.17%	0.051%
5	1.807	217	223	233	rBV2	10420	13731	0.10%	0.031%
6	2.110	306	317	330	rBV	374085	561218	4.12%	1.248%
7	2.296	373	375	382	rVB3	2105	2058	0.02%	0.005%
8	2.534	425	449	475	rBV	1016158	1981522	14.56%	4.406%
9	2.766	503	521	552	rVV	1825283	3613551	26.56%	8.035%
10	3.045	591	608	636	rBV	7032306	13607585	100.00%	30.259%
11	3.672	791	803	807	rBV5	4543	7308	0.05%	0.016%
12	3.769	812	833	857	rVV	3737683	9279981	68.20%	20.636%
13	3.881	858	868	898	rVB	112121	291470	2.14%	0.648%
14	4.354	996	1015	1045	rBV	262656	650041	4.78%	1.445%
15	4.682	1101	1117	1133	rVV3	67445	169385	1.24%	0.377%
16	4.769	1137	1144	1159	rVB5	16153	37079	0.27%	0.082%
17	4.913	1175	1189	1211	rBV2	18147	44636	0.33%	0.099%
18	5.052	1213	1232	1261	rBV2	614005	1588332	11.67%	3.532%
19	5.328	1310	1318	1333	rVB2	5905	13771	0.10%	0.031%
20	5.495	1356	1370	1383	rBV4	11290	25076	0.18%	0.056%
21	5.621	1396	1409	1434	rBV	455261	916280	6.73%	2.038%
22	5.910	1486	1499	1512	rBV3	24427	50820	0.37%	0.113%
23	6.074	1534	1550	1581	rBV	393675	842643	6.19%	1.874%
24	6.206	1584	1591	1598	rVV	4488	8818	0.06%	0.020%
25	6.257	1601	1607	1618	rVB10	6083	11506	0.08%	0.026%
26	6.370	1636	1642	1654	rVB10	6493	12000	0.09%	0.027%
27	6.466	1663	1672	1684	rVB5	7781	16278	0.12%	0.036%
28	6.656	1717	1731	1750	rVB6	22050	54234	0.40%	0.121%
29	6.781	1755	1770	1782	rBV2	39655	82207	0.60%	0.183%
30	6.923	1808	1814	1820	rBV7	5187	7765	0.06%	0.017%
31	6.990	1824	1835	1857	rVB	211828	380830	2.80%	0.847%
32	7.270	1908	1922	1927	rBV4	24221	44941	0.33%	0.100%
33	7.318	1927	1937	1956	rVB	797249	1393180	10.24%	3.098%
34	7.627	2024	2033	2054	rVB2	134813	251576	1.85%	0.559%
35	7.794	2067	2085	2095	rBV5	19191	38447	0.28%	0.085%
36	7.849	2096	2102	2112	rVB6	3860	5283	0.04%	0.012%

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Title : VOC Analysis

37	7.981	2138	2143	2152	rVB5	3893	5565	0.04%	0.012%
38	8.093	2166	2178	2213	rBV2	402163	784689	5.77%	1.745%
39	8.296	2235	2241	2250	rVB3	12962	21363	0.16%	0.048%
40	8.515	2303	2309	2321	rVB3	4671	8219	0.06%	0.018%
41	8.791	2389	2395	2397	rBV5	1887	1864	0.01%	0.004%
42	8.859	2404	2416	2434	rBV	690685	1109635	8.15%	2.467%
43	9.019	2463	2466	2471	rBV5	1729	1721	0.01%	0.004%
44	9.325	2555	2561	2568	rVV9	2260	3239	0.02%	0.007%
45	9.473	2597	2607	2609	rBV6	3923	4728	0.03%	0.011%
46	9.566	2629	2636	2640	rVV10	1144	1568	0.01%	0.003%
47	9.707	2676	2680	2689	rVB10	4074	5319	0.04%	0.012%
48	9.810	2702	2712	2727	rVB10	3856	8770	0.06%	0.020%
49	10.135	2805	2813	2821	rVB9	5253	8549	0.06%	0.019%
50	10.222	2826	2840	2860	rBV	500357	788115	5.79%	1.753%
51	10.376	2885	2888	2899	rVB8	1792	3020	0.02%	0.007%
52	10.553	2938	2943	2949	rVB3	1532	1588	0.01%	0.004%
53	10.743	2991	3002	3012	rVB9	4010	6865	0.05%	0.015%
54	11.064	3089	3102	3106	rBV	13843	19311	0.14%	0.043%
55	11.158	3123	3131	3136	rBV5	2753	3959	0.03%	0.009%
56	11.203	3136	3145	3151	rVV2	21577	32102	0.24%	0.071%
57	11.254	3151	3161	3184	rVB	850223	1315846	9.67%	2.926%
58	11.460	3216	3225	3233	rBV5	2559	3836	0.03%	0.009%
59	11.556	3243	3255	3256	rBV2	93213	104948	0.77%	0.233%
60	11.582	3259	3263	3269	rVV	196681	251931	1.85%	0.560%
61	11.633	3269	3279	3303	rVB3	1026152	1857904	13.65%	4.131%
62	11.752	3308	3316	3326	rVB2	17405	26643	0.20%	0.059%
63	11.826	3326	3339	3351	rVB3	93822	155620	1.14%	0.346%
64	11.920	3357	3368	3372	rBV	87620	128318	0.94%	0.285%
65	12.022	3389	3400	3422	rVB	167978	271451	1.99%	0.604%
66	12.129	3422	3433	3437	rBV	20331	35460	0.26%	0.079%
67	12.267	3463	3476	3483	rBV4	15358	27900	0.21%	0.062%
68	12.321	3483	3493	3498	rBV2	18632	32107	0.24%	0.071%
69	12.421	3517	3524	3532	rVB	79953	111991	0.82%	0.249%
70	12.473	3532	3540	3556	rVB	118915	180288	1.32%	0.401%
71	12.559	3557	3567	3572	rBV	53694	80975	0.60%	0.180%
72	12.592	3573	3577	3583	rVV	31488	32863	0.24%	0.073%
73	12.736	3617	3622	3629	rVB2	29477	35032	0.26%	0.078%
74	12.804	3636	3643	3650	rVB4	22102	29701	0.22%	0.066%
75	12.858	3650	3660	3666	rBV4	45139	85461	0.63%	0.190%
76	13.010	3700	3707	3719	rVB	31918	48660	0.36%	0.108%

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Title : VOC Analysis

77	13.174	3747	3758	3766	rBV3	38773	65008	0.48%	0.145%
78	13.225	3766	3774	3782	rBV2	60888	89371	0.66%	0.199%
79	13.280	3782	3791	3797	rBV2	111096	172597	1.27%	0.384%
80	13.376	3816	3821	3827	rVB	42878	48799	0.36%	0.109%
81	13.473	3846	3851	3853	rBV4	3519	3632	0.03%	0.008%
82	13.556	3871	3877	3888	rVB4	9819	16795	0.12%	0.037%
83	13.620	3888	3897	3907	rBV5	7717	13970	0.10%	0.031%
84	13.720	3919	3928	3938	rBV6	29315	54435	0.40%	0.121%
85	13.778	3939	3946	3957	rVB2	31300	49241	0.36%	0.109%
86	13.833	3957	3963	3969	rVB8	2568	3407	0.03%	0.008%
87	13.919	3980	3990	4002	rVB2	40952	61627	0.45%	0.137%
88	14.100	4036	4046	4060	rBV3	33507	65185	0.48%	0.145%
89	14.151	4060	4062	4070	rVV4	2651	3153	0.02%	0.007%
90	14.193	4072	4075	4082	rVB4	2624	2700	0.02%	0.006%
91	14.241	4082	4090	4098	rBV3	19407	28456	0.21%	0.063%
92	14.305	4102	4110	4121	rVB3	18591	34616	0.25%	0.077%
93	14.366	4125	4129	4140	rVB3	2598	3625	0.03%	0.008%
94	14.450	4146	4155	4164	rVB10	7084	12794	0.09%	0.028%
95	14.511	4170	4174	4182	rVB7	2018	2401	0.02%	0.005%
96	14.624	4201	4209	4217	rBV8	3004	5812	0.04%	0.013%
97	14.784	4251	4259	4264	rBV5	1275	1956	0.01%	0.004%
98	14.833	4268	4274	4276	rBV5	1725	1892	0.01%	0.004%
99	14.887	4286	4291	4300	rVB7	1575	1827	0.01%	0.004%
100	15.865	4591	4595	4598	rBV4	2383	1800	0.01%	0.004%

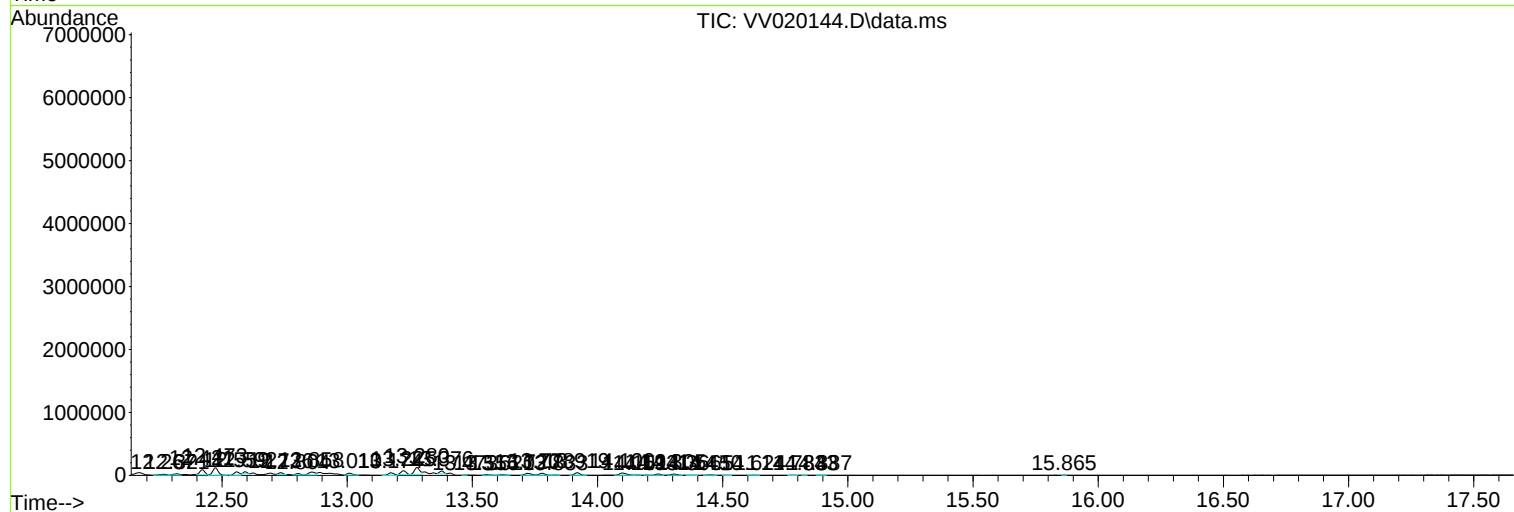
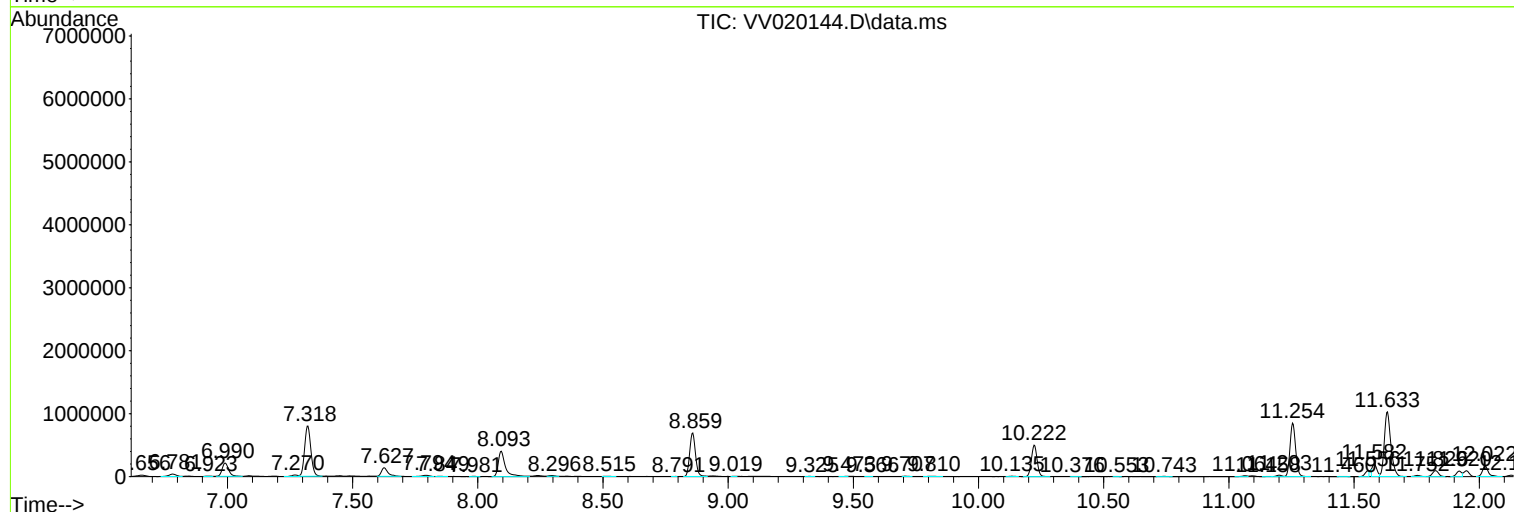
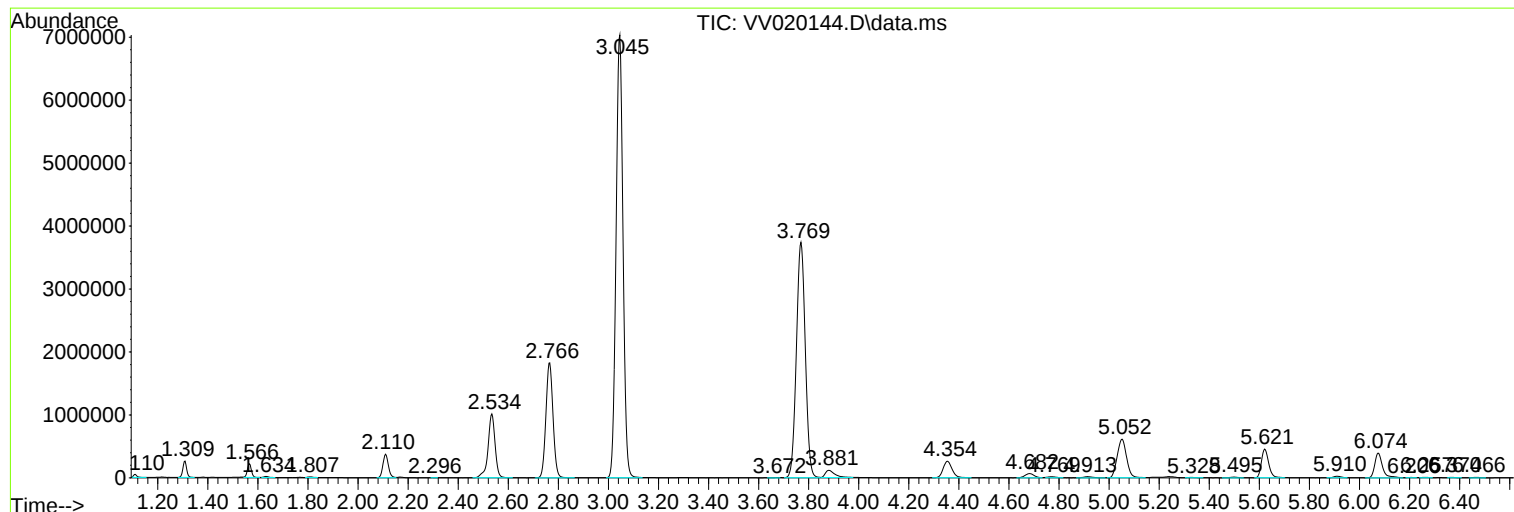
Sum of corrected areas: 44970682

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
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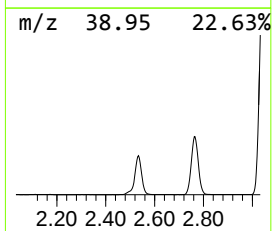
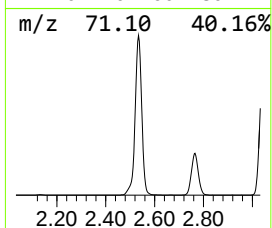
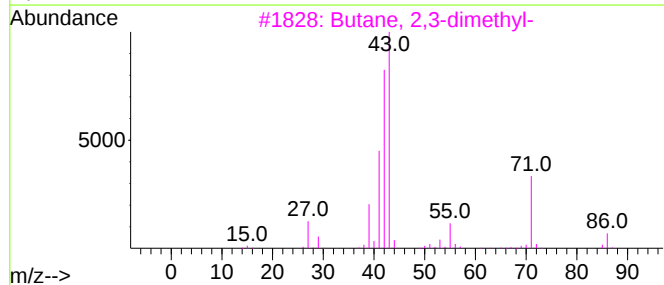
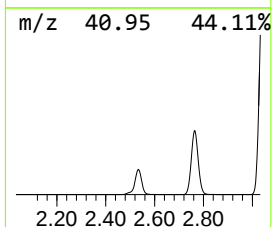
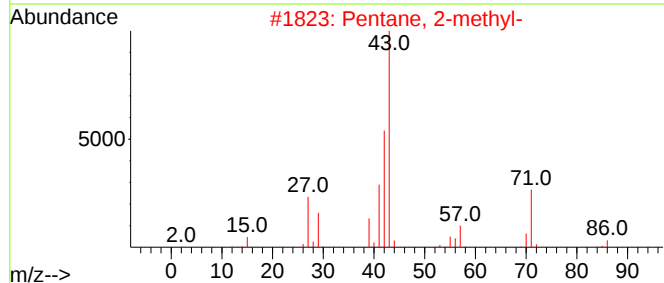
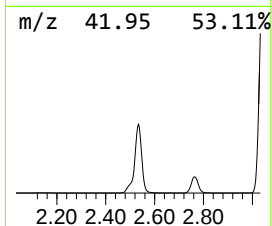
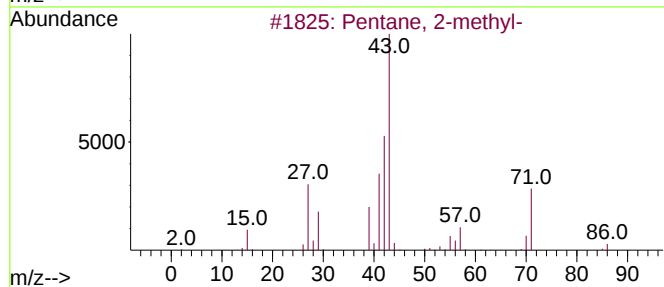
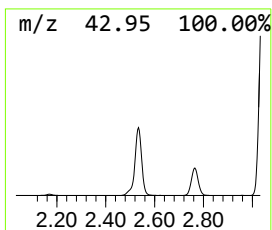
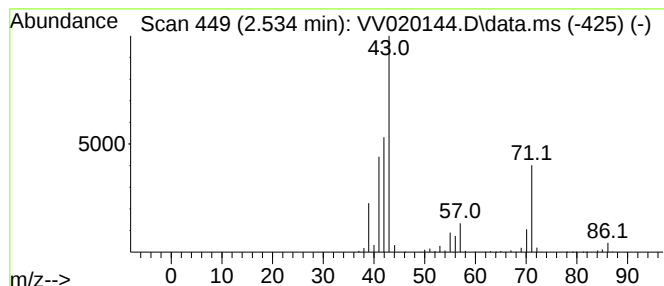
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.534	108.13 ug/L	1981520	1,4-Difluorobenzene	5.621

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	47
4		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
5		1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	42



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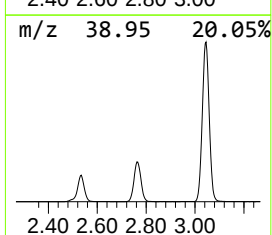
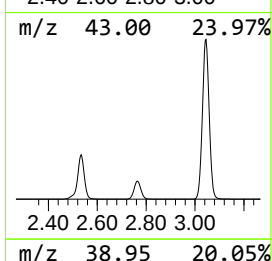
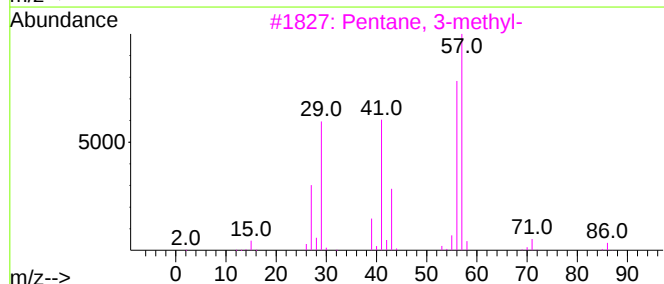
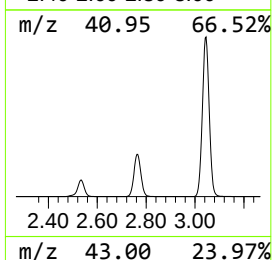
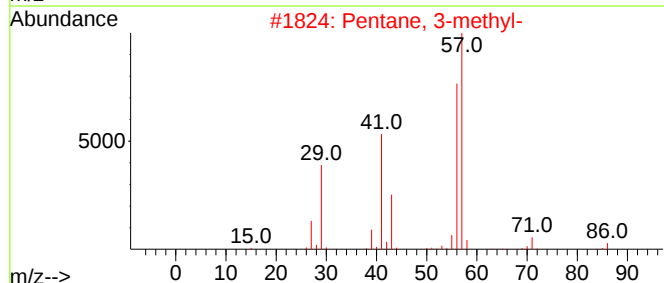
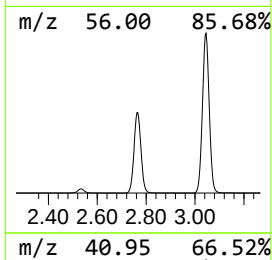
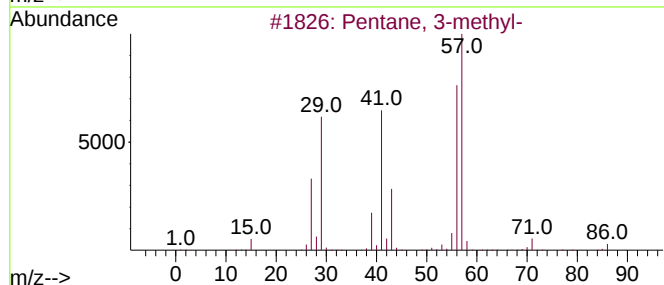
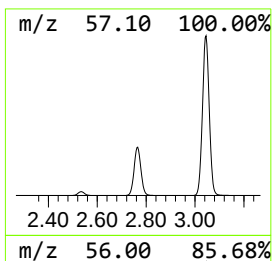
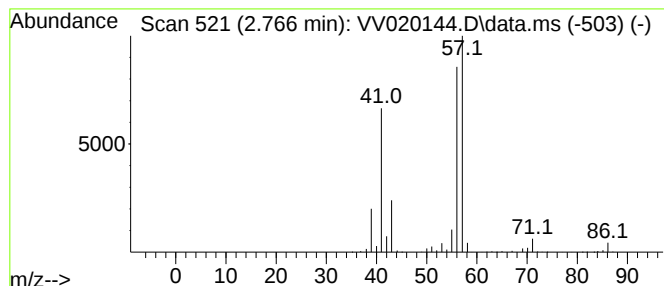
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Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.766	197.19 ug/L	3613550	1,4-Difluorobenzene	5.621

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2		Pentane, 3-methyl-	86	C6H14	000096-14-0	90
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	90
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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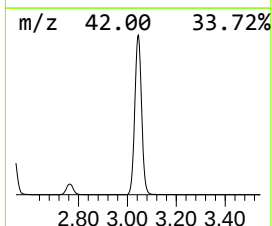
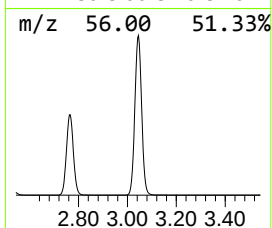
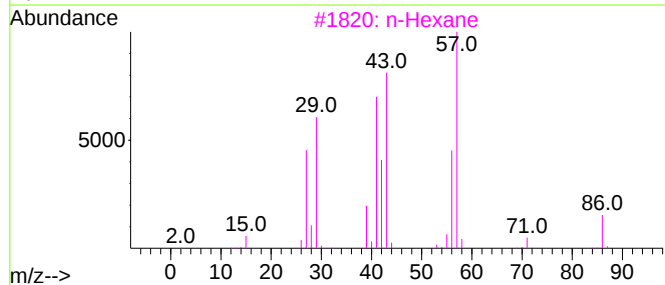
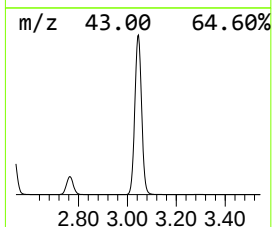
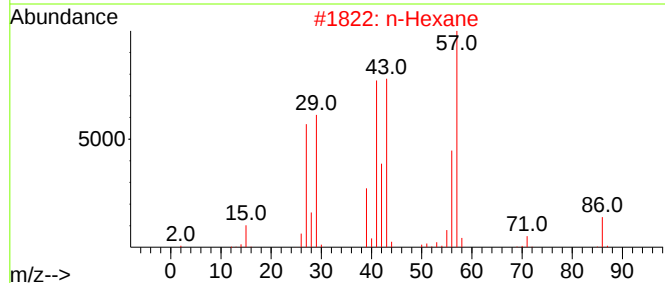
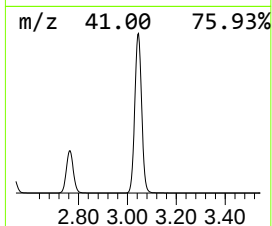
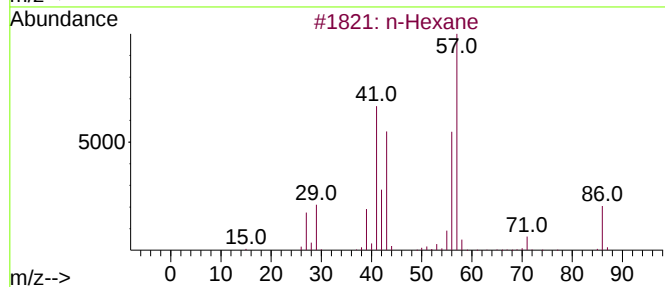
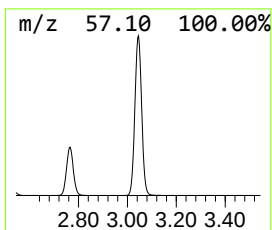
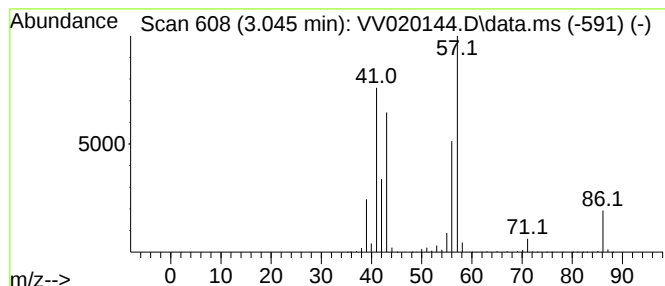
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Quant Title : VOC Analysis

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.
3.045	742.54 ug/L	13607600	1,4-Difluorobenzene	5.621

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane			86	C6H14	000110-54-3	94
2	n-Hexane			86	C6H14	000110-54-3	64
3	n-Hexane			86	C6H14	000110-54-3	59
4	Butanal, 2-methyl-			86	C5H10O	000096-17-3	43
5	Propanal, 2,2-dimethyl-			86	C5H10O	000630-19-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020144.D
Acq On : 22 Jan 2021 18:36
Operator : SY/MD
Sample : M1201-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z8

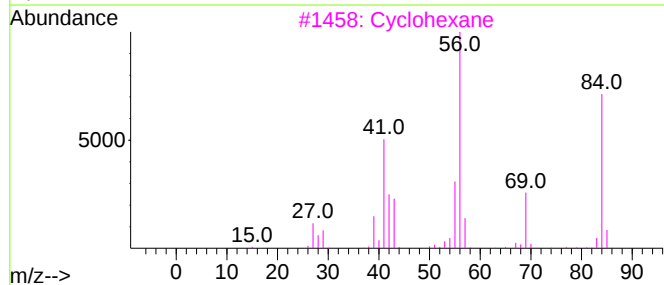
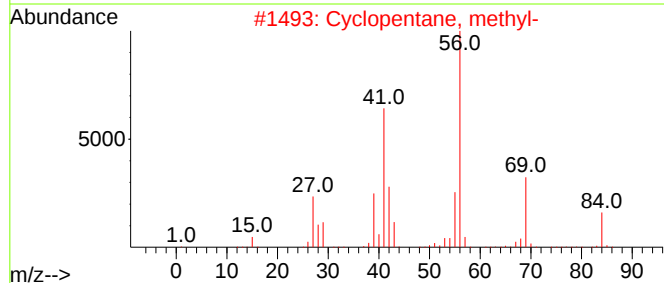
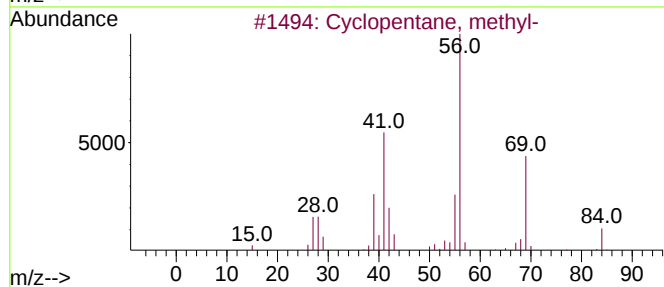
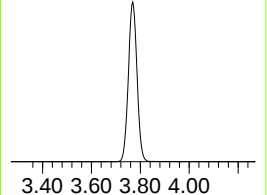
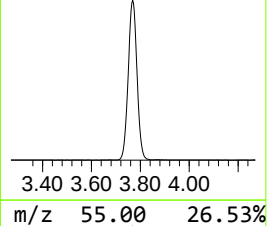
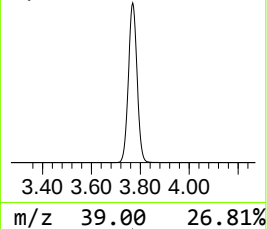
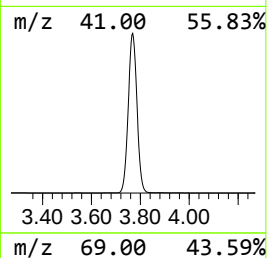
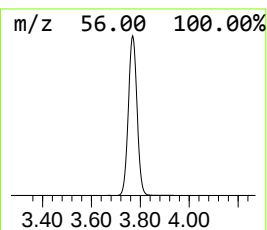
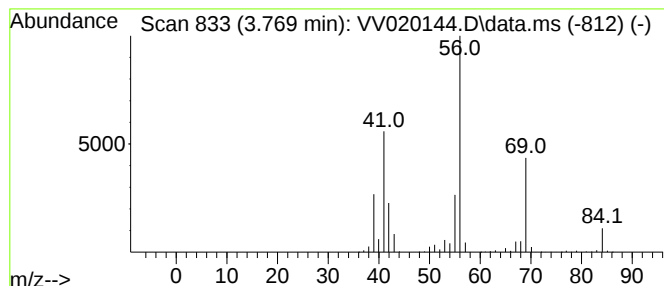
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic3.769 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.769	506.39 ug/L	9279980	1,4-Difluorobenzene	5.621

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2			Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3			Cyclohexane	84	C6H12	000110-82-7	78
4			Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
5			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020144.D
Acq On : 22 Jan 2021 18:36
Operator : SY/MD
Sample : M1201-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z8

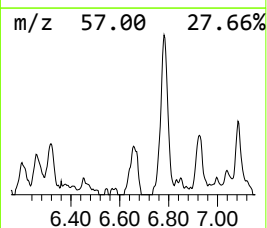
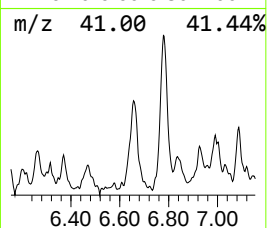
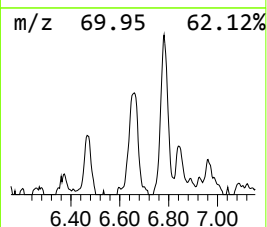
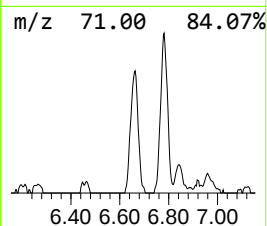
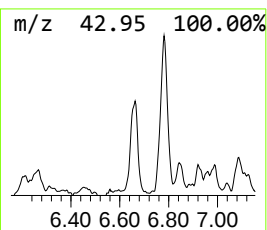
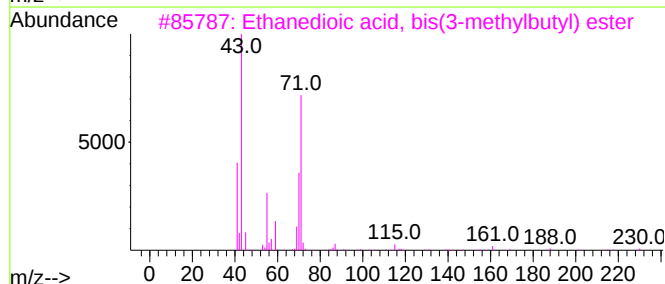
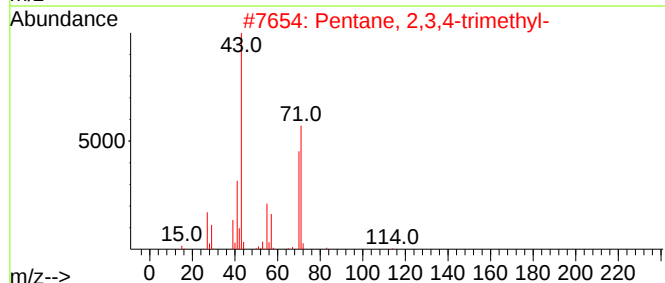
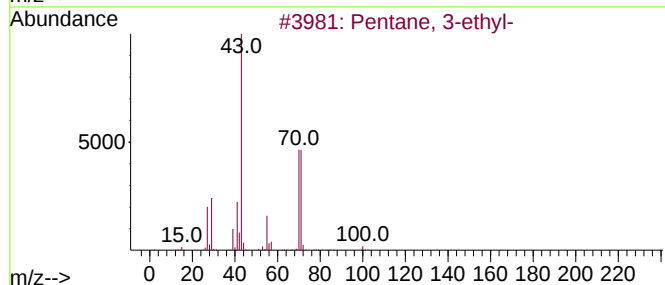
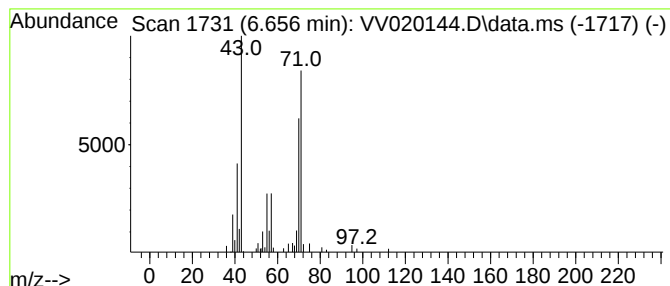
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.656	2.96 ug/L	54234	1,4-Difluorobenzene	5.621

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 3-ethyl-	100	C7H16	000617-78-7	72
2		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
3		Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	59
4		Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	56
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020144.D
Acq On : 22 Jan 2021 18:36
Operator : SY/MD
Sample : M1201-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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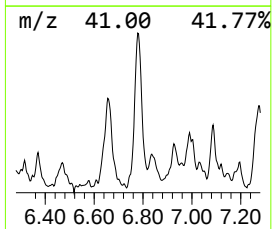
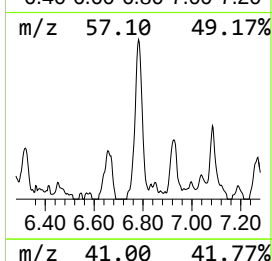
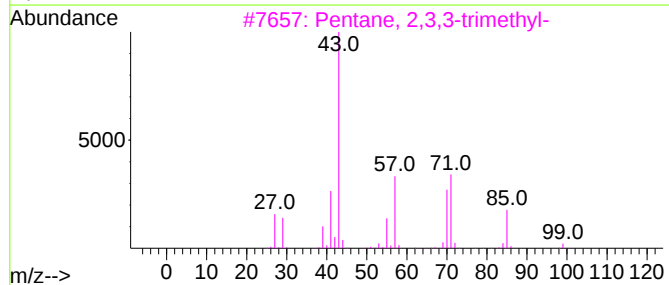
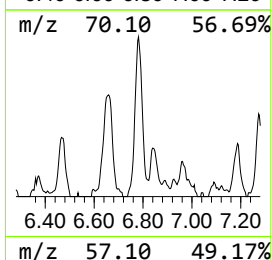
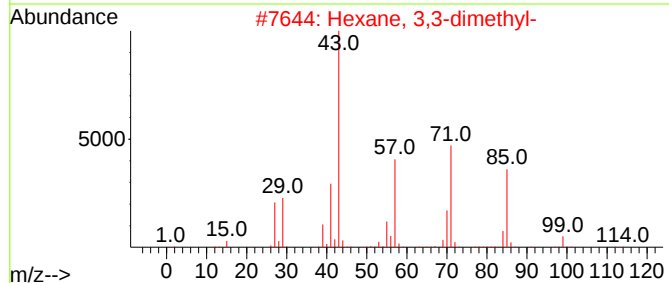
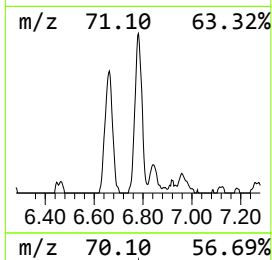
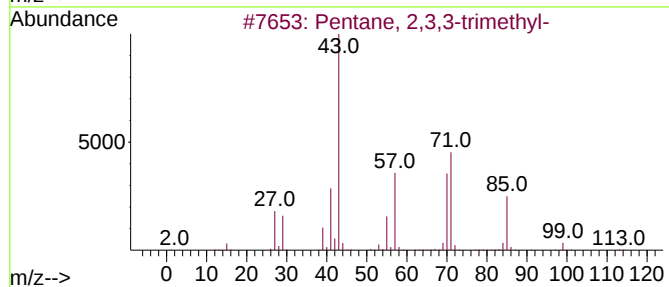
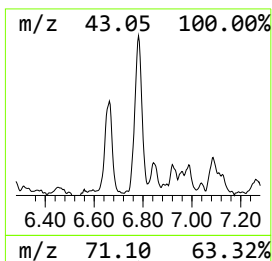
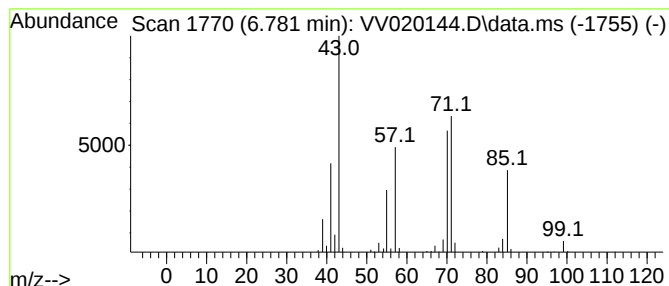
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.781	4.49 ug/L	82207	1,4-Difluorobenzene	5.621

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
3			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
4			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	59
5			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020144.D
Acq On : 22 Jan 2021 18:36
Operator : SY/MD
Sample : M1201-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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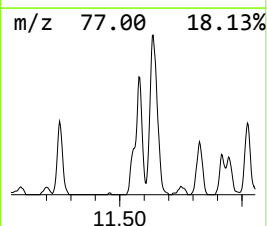
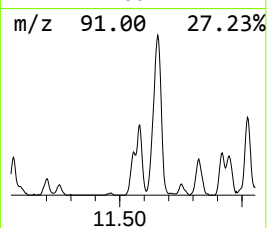
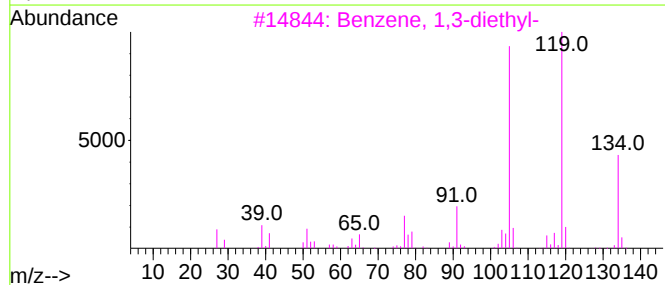
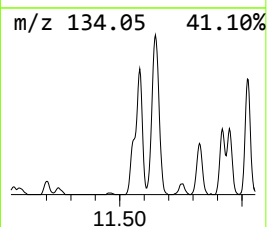
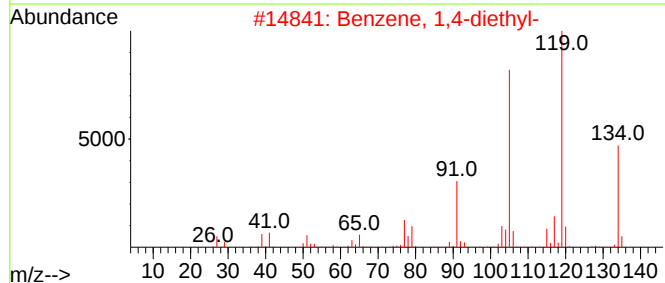
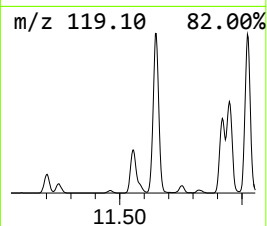
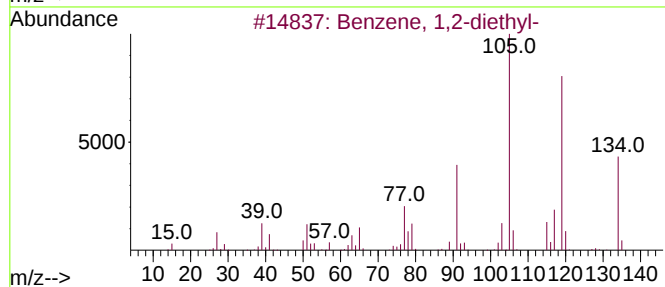
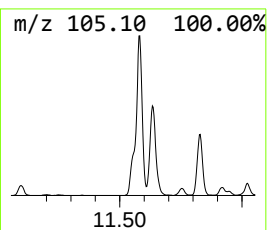
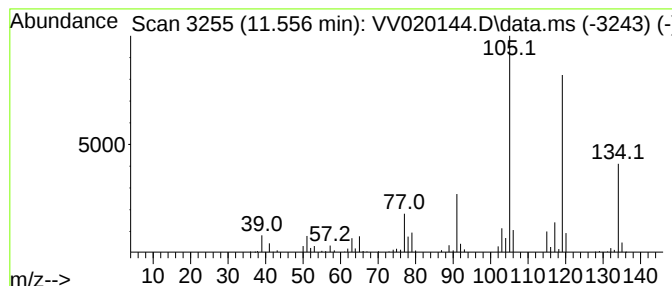
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Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.556	3.99 ug/L	104948	1,4-Dichlorobenzene-d4	11.254

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
4			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020144.D
Acq On : 22 Jan 2021 18:36
Operator : SY/MD
Sample : M1201-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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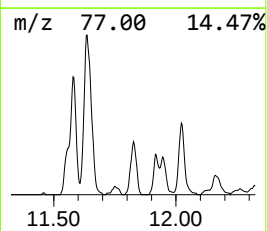
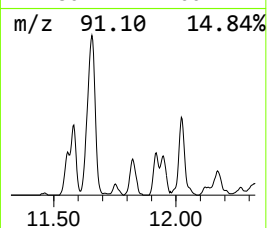
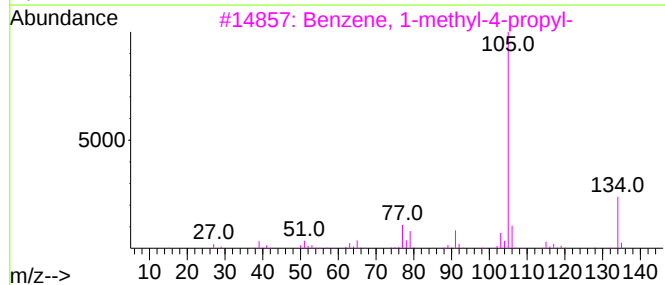
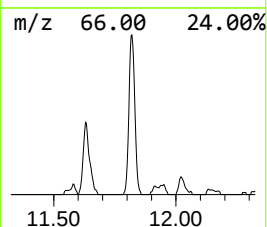
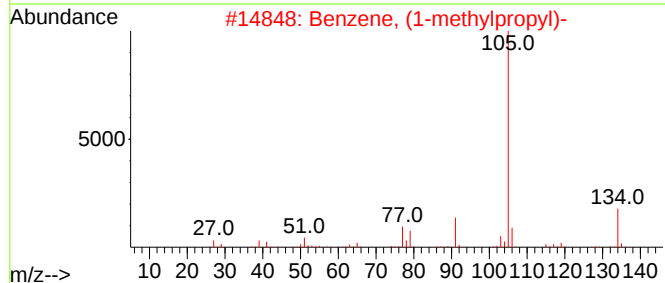
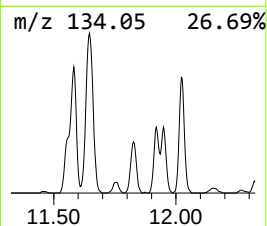
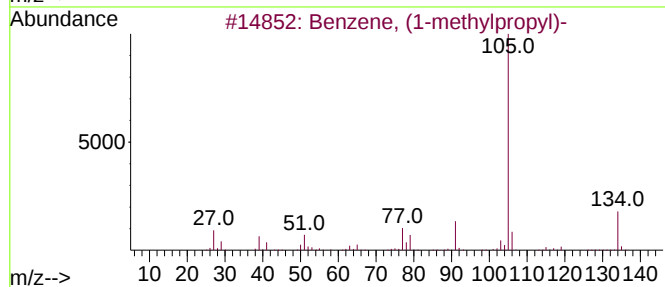
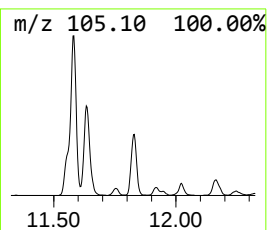
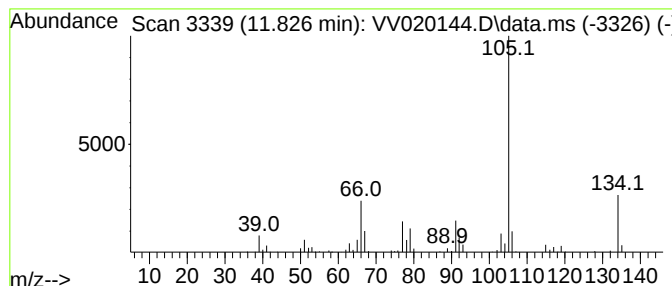
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, (1-methylpropyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.826	5.91 ug/L	155620	1,4-Dichlorobenzene-d4	11.254

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	50
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	50
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	50
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	50
5			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020144.D
Acq On : 22 Jan 2021 18:36
Operator : SY/MD
Sample : M1201-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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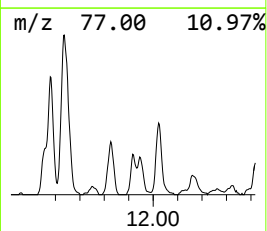
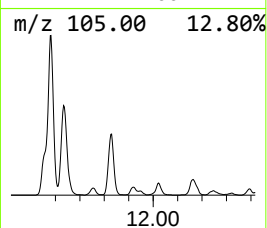
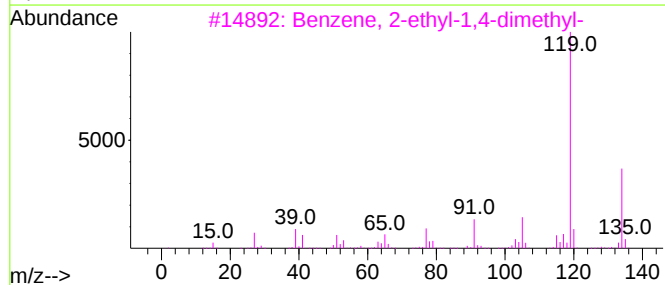
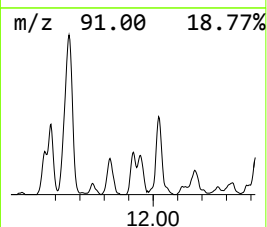
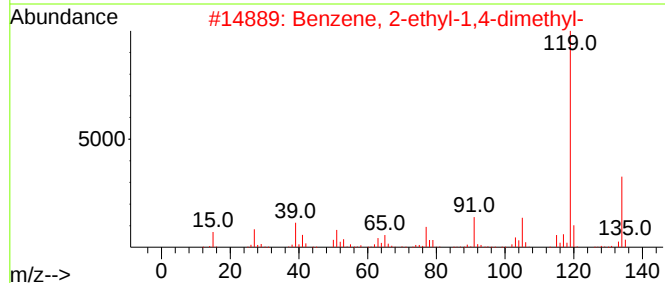
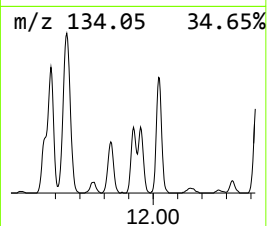
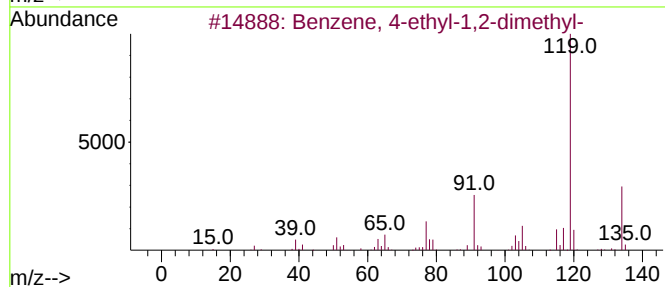
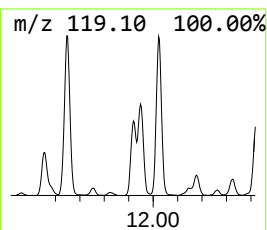
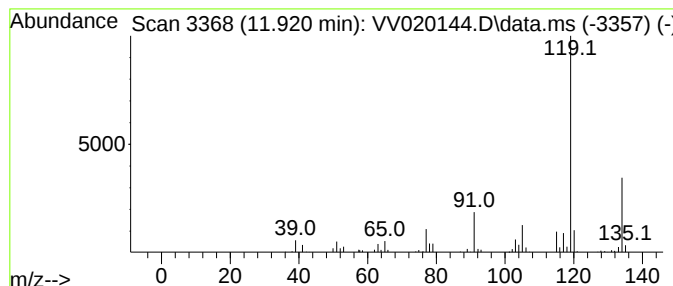
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.919	4.88 ug/L	128318	1,4-Dichlorobenzene-d4	11.254

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020144.D
Acq On : 22 Jan 2021 18:36
Operator : SY/MD
Sample : M1201-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z8

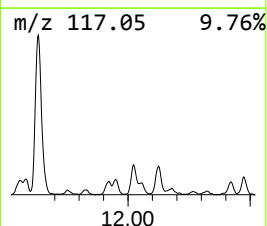
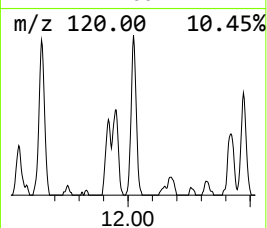
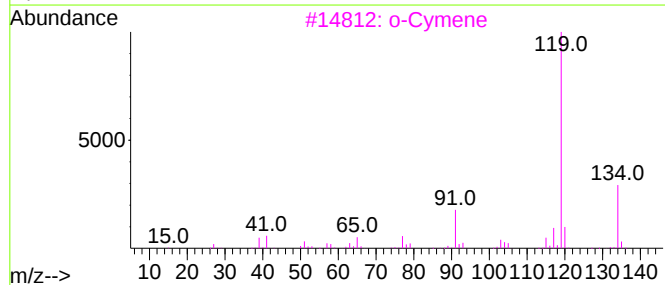
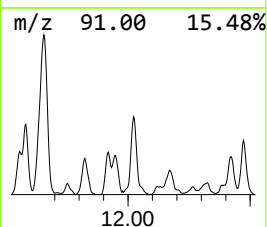
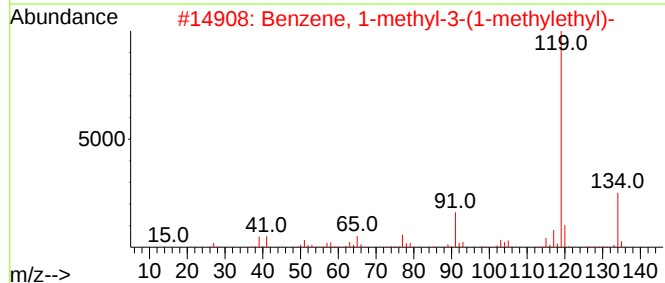
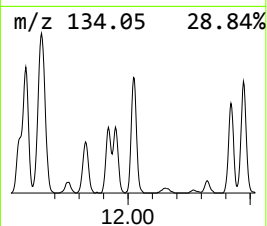
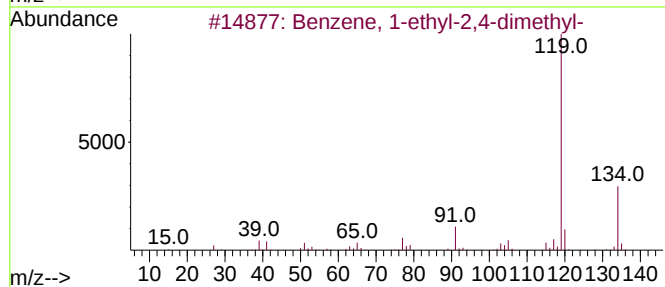
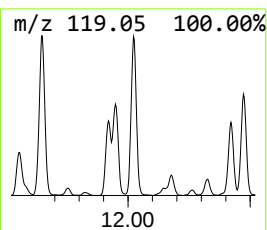
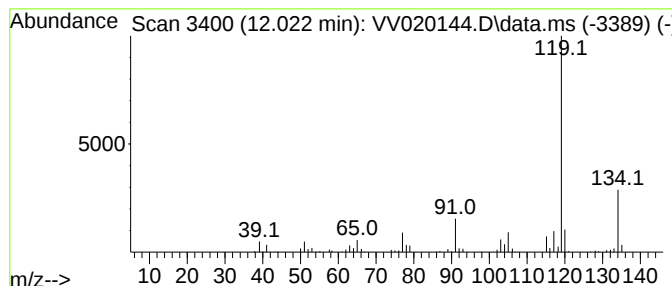
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	10.31 ug/L	271451	1,4-Dichlorobenzene-d4	11.254

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020144.D
Acq On : 22 Jan 2021 18:36
Operator : SY/MD
Sample : M1201-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z8

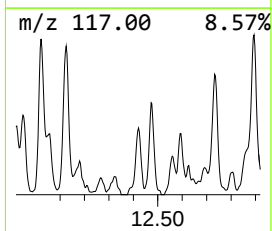
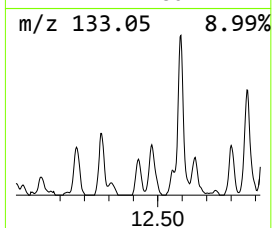
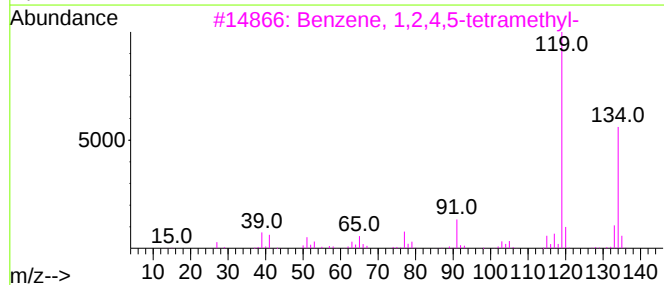
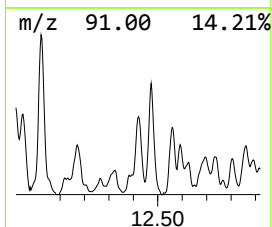
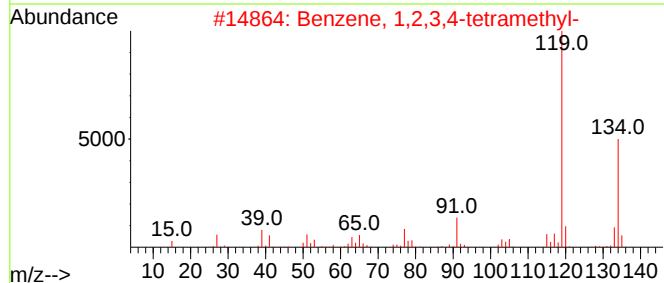
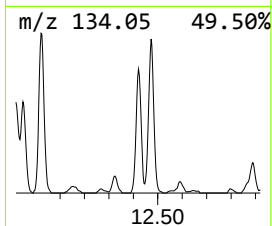
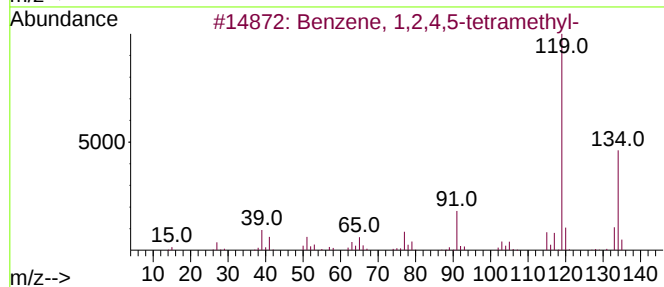
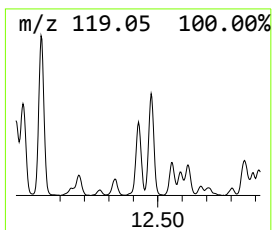
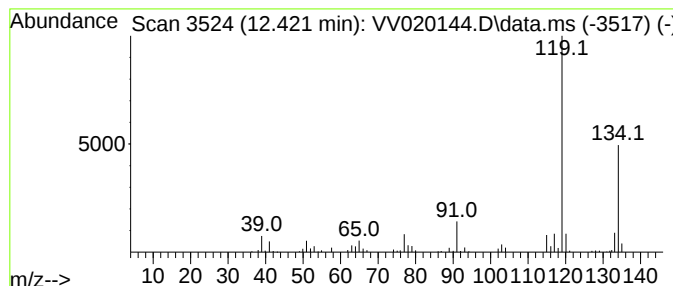
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.421	4.26 ug/L	111991	1,4-Dichlorobenzene-d4	11.254

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020144.D
Acq On : 22 Jan 2021 18:36
Operator : SY/MD
Sample : M1201-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z8

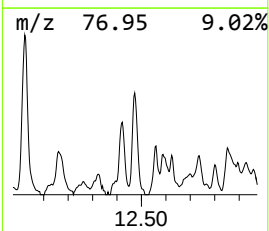
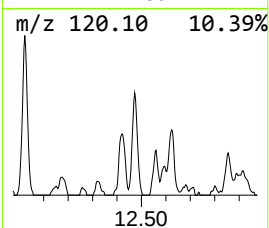
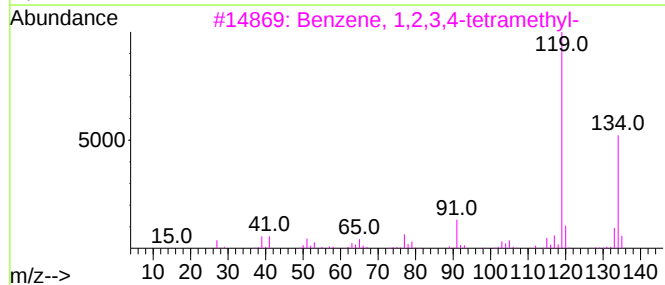
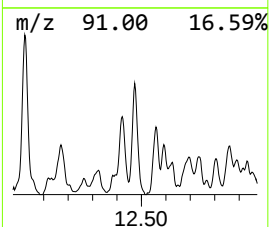
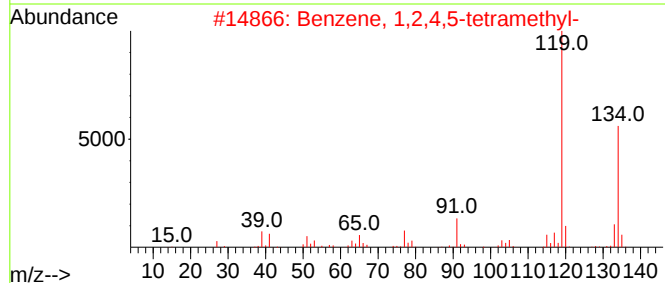
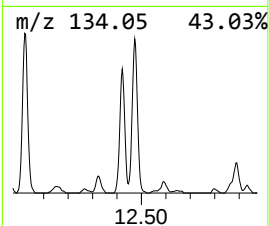
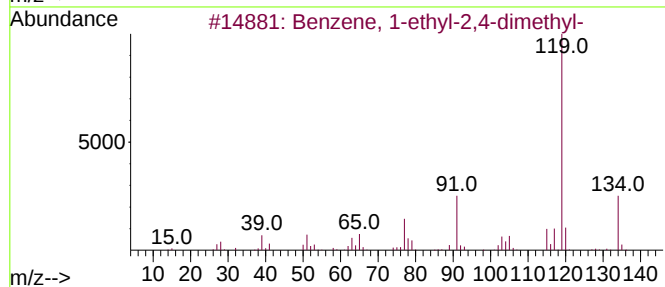
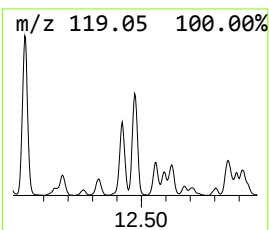
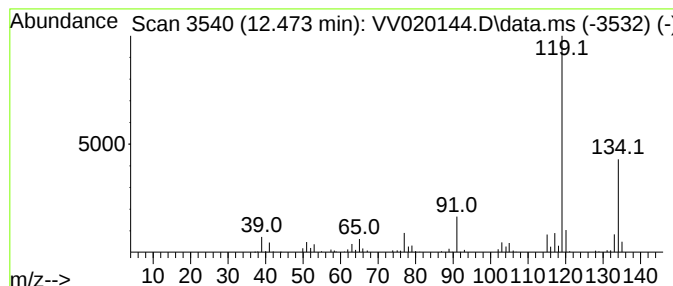
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Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.473	6.85 ug/L	180288	1,4-Dichlorobenzene-d4	11.254

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	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:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020144.D
Acq On : 22 Jan 2021 18:36
Operator : SY/MD
Sample : M1201-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z8

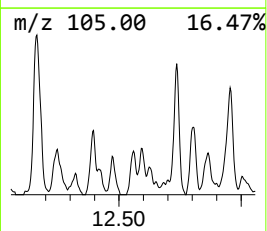
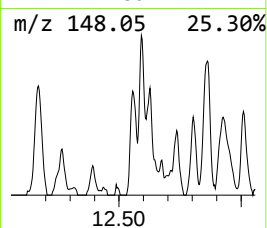
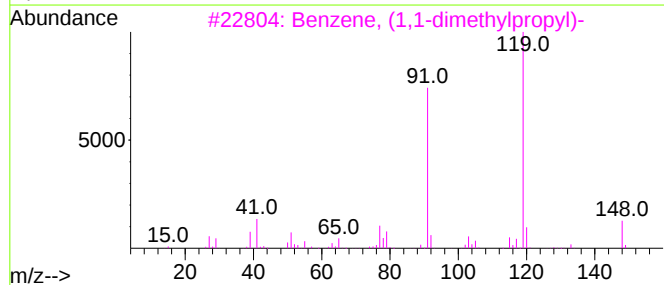
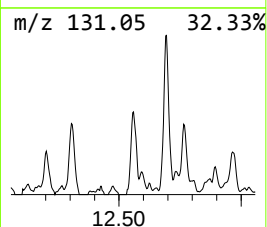
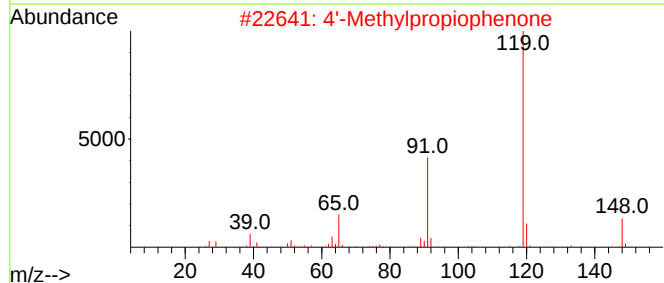
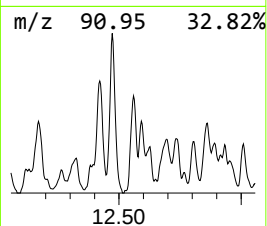
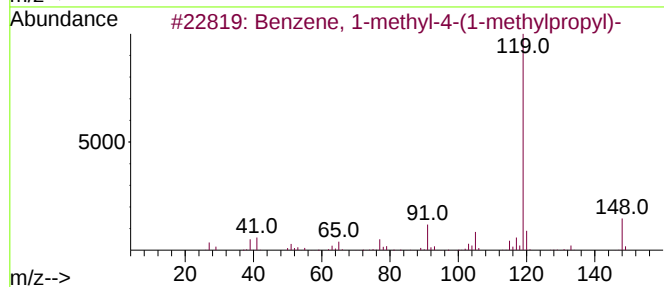
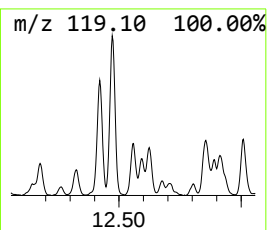
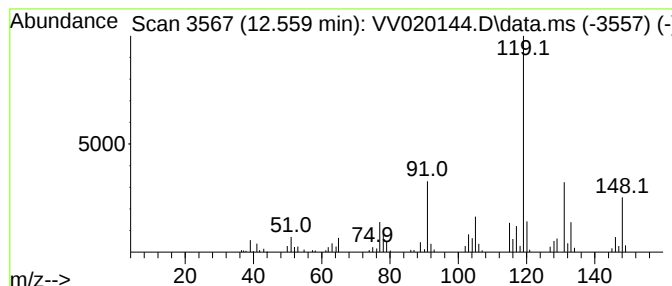
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1-methyl-4-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.559	3.08 ug/L	80975	1,4-Dichlorobenzene-d4	11.254

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	70
2			4'-Methylpropiophenone	148	C10H12O	005337-93-9	64
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	58
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	55
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020144.D
Acq On : 22 Jan 2021 18:36
Operator : SY/MD
Sample : M1201-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z8

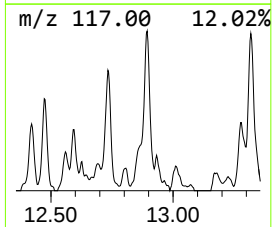
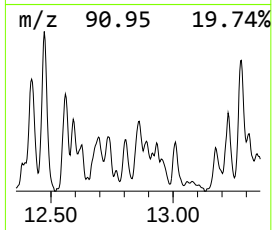
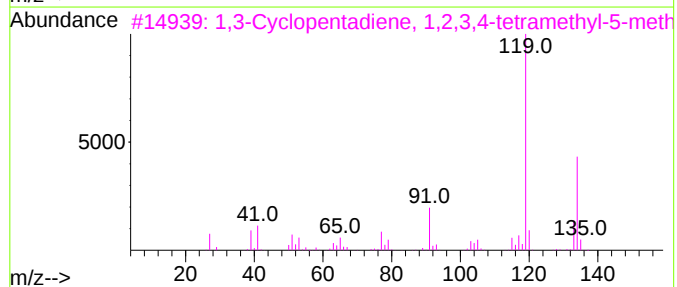
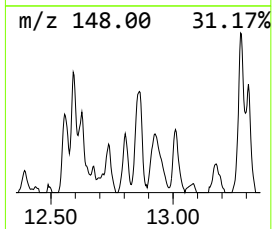
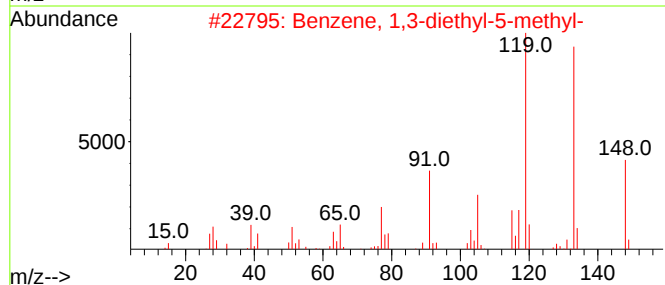
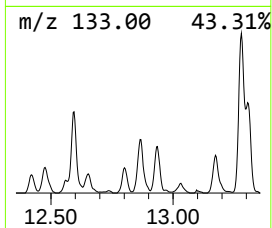
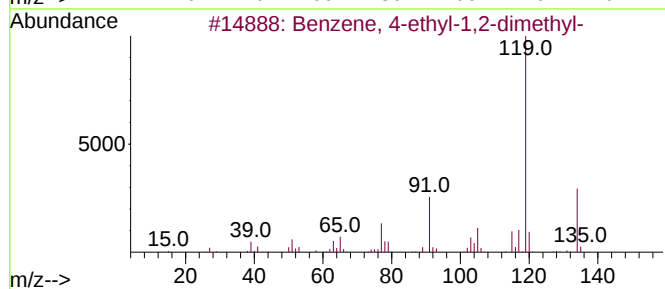
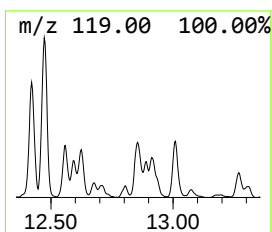
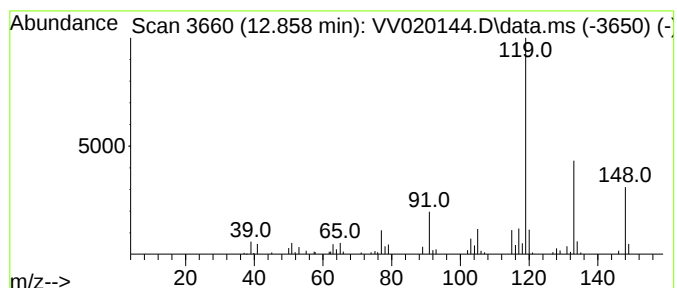
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Quant Title : VOC Analysis

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

Peak Number 16 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.858	3.25 ug/L	85461	1,4-Dichlorobenzene-d4	11.254

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
3			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	60
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020144.D
Acq On : 22 Jan 2021 18:36
Operator : SY/MD
Sample : M1201-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z8

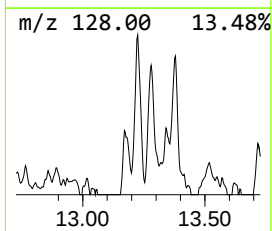
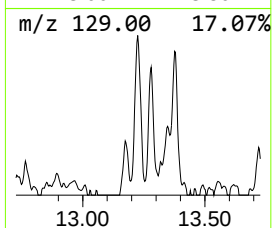
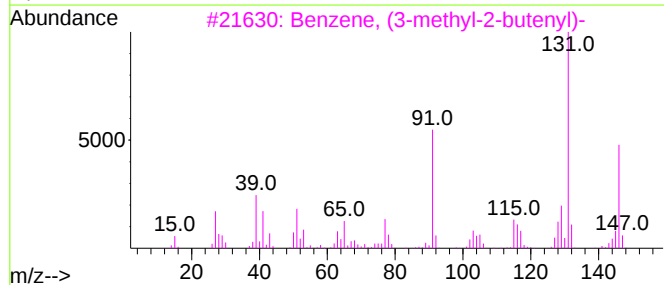
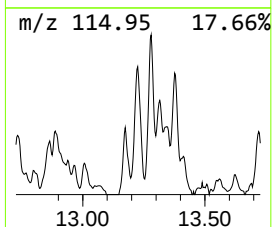
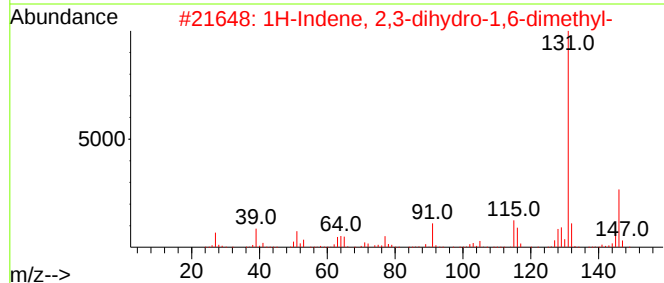
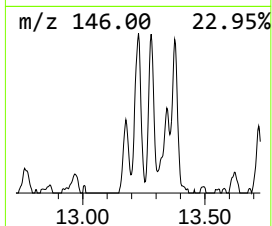
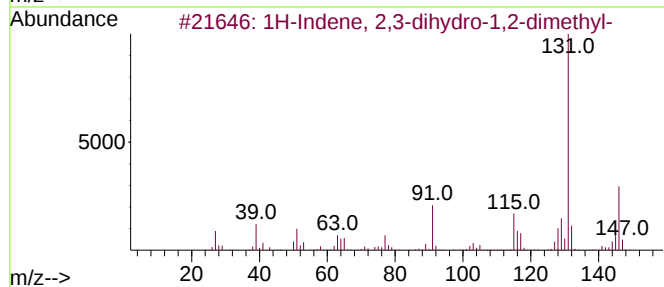
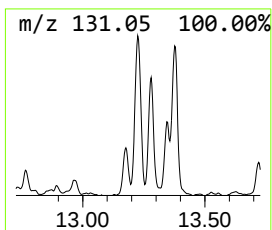
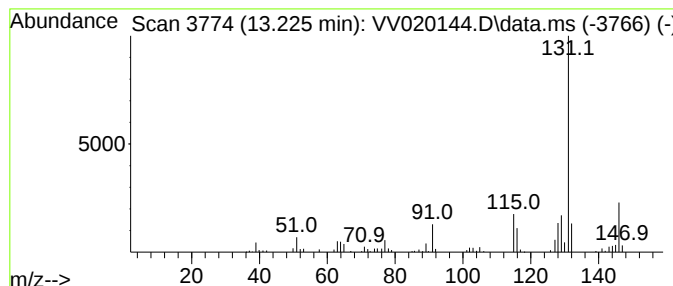
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Quant Title : VOC Analysis

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

Peak Number 17 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.225	3.40 ug/L	89371	1,4-Dichlorobenzene-d4	11.254

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
2			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020144.D
Acq On : 22 Jan 2021 18:36
Operator : SY/MD
Sample : M1201-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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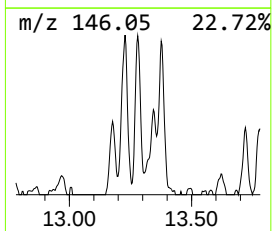
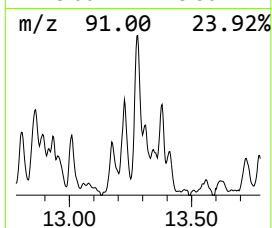
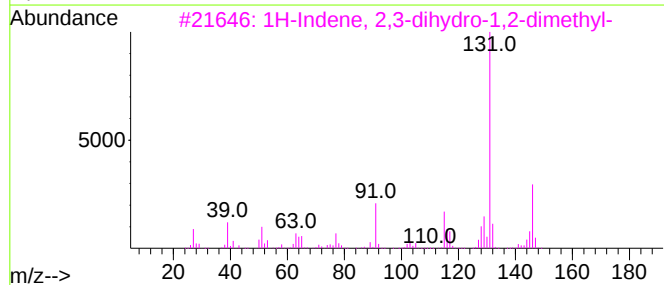
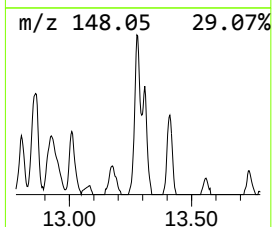
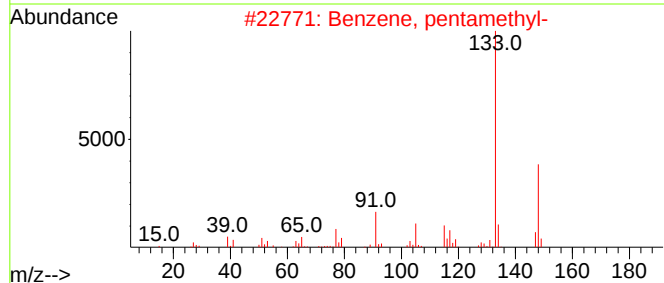
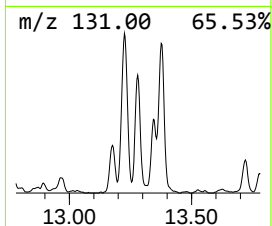
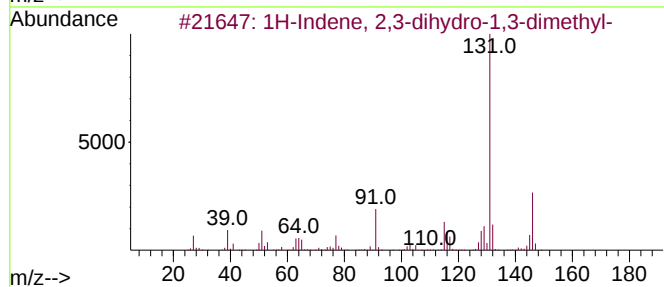
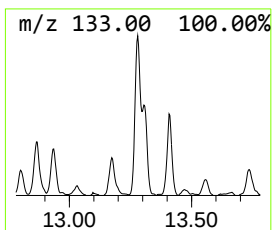
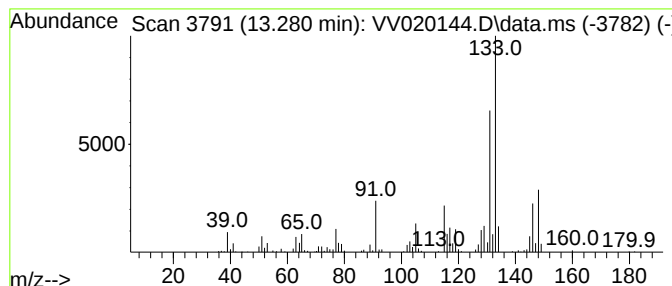
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

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

Peak Number 18 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.280	6.56 ug/L	172597	1,4-Dichlorobenzene-d4	11.254

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	80
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	60
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	55
4			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55
5			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
 Data File : VV020144.D
 Acq On : 22 Jan 2021 18:36
 Operator : SY/MD
 Sample : M1201-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Z8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.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: S...	2.534	108.1	ug/L	1981520	1	5.621	916280	50.0
(DEL) Alkane: S...	2.766	197.2	ug/L	3613550	1	5.621	916280	50.0
(DEL) Alkane: S...	3.045	742.5	ug/L	13607600	1	5.621	916280	50.0
(DEL) Alkane: C...	3.769	506.4	ug/L	9279980	1	5.621	916280	50.0
(DEL) Alkane: S...	6.656	3.0	ug/L	54234	1	5.621	916280	50.0
(DEL) Alkane: S...	6.781	4.5	ug/L	82207	1	5.621	916280	50.0
Benzene, 1,2-di...	11.556	4.0	ug/L	104948	3	11.254	1315850	50.0
Benzene, (1-met...	11.826	5.9	ug/L	155620	3	11.254	1315850	50.0
Benzene, 4-ethy...	11.919	4.9	ug/L	128318	3	11.254	1315850	50.0
Benzene, 1-ethy...	12.022	10.3	ug/L	271451	3	11.254	1315850	50.0
Benzene, 1,2,4,...	12.421	4.3	ug/L	111991	3	11.254	1315850	50.0
Benzene, 1,2,3,...	12.473	6.8	ug/L	180288	3	11.254	1315850	50.0
Benzene, 1-meth...	12.559	3.1	ug/L	80975	3	11.254	1315850	50.0
1,3-Cyclopentad...	12.858	3.3	ug/L	85461	3	11.254	1315850	50.0
1H-Indene, 2,3-...	13.225	3.4	ug/L	89371	3	11.254	1315850	50.0
1H-Indene, 2,3-...	13.280	6.6	ug/L	172597	3	11.254	1315850	50.0