

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018791.D
 Acq On : 09 Oct 2020 03:48
 Operator : SY/MD
 Sample : L4239-19DL 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3W1DL

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\SOMVLM100820WMA.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.315	64	70	84	rVB	223482	219660	15.11%	1.527%
2	1.576	145	151	163	rVB	185622	206808	14.22%	1.438%
3	2.122	311	321	351	rVB	364707	558769	38.43%	3.885%
4	2.627	475	478	480	rBV	579	386	0.03%	0.003%
5	2.707	498	503	504	rBV2	659	455	0.03%	0.003%
6	2.778	514	525	542	rVB2	33523	66653	4.58%	0.463%
7	2.913	565	567	568	rBV	275	125	0.01%	0.001%
8	3.061	601	613	629	rBV2	32775	68262	4.69%	0.475%
9	3.148	637	640	641	rBV2	469	206	0.01%	0.001%
10	3.170	643	647	649	rBV3	725	638	0.04%	0.004%
11	3.277	677	680	683	rBV3	589	413	0.03%	0.003%
12	3.344	699	701	708	rBV2	457	366	0.03%	0.003%
13	3.396	708	717	721	rBV5	1091	1560	0.11%	0.011%
14	3.453	730	735	738	rBV3	842	932	0.06%	0.006%
15	3.675	800	804	805	rBV3	330	219	0.02%	0.002%
16	3.685	805	807	808	rBV	627	352	0.02%	0.002%
17	3.791	823	840	865	rVB3	71235	185446	12.75%	1.289%
18	3.904	865	875	920	rBV2	115011	460077	31.64%	3.199%
19	4.267	986	988	991	rBV3	443	247	0.02%	0.002%
20	4.373	1006	1021	1054	rBV	234474	570296	39.22%	3.965%
21	4.633	1085	1102	1117	rBV	68763	178775	12.30%	1.243%
22	4.852	1167	1170	1176	rVB2	672	712	0.05%	0.005%
23	4.884	1178	1180	1184	rVB2	187	130	0.01%	0.001%
24	4.984	1208	1211	1216	rVB4	560	498	0.03%	0.003%
25	5.010	1216	1219	1220	rBV	540	229	0.02%	0.002%
26	5.071	1220	1238	1277	rVV2	561413	1453986	100.00%	10.109%
27	5.360	1325	1328	1330	rBV	397	190	0.01%	0.001%
28	5.428	1345	1349	1350	rBV	301	191	0.01%	0.001%
29	5.508	1372	1374	1376	rBV	241	131	0.01%	0.001%
30	5.543	1381	1385	1387	rBV2	289	248	0.02%	0.002%
31	5.640	1402	1415	1439	rBV	385797	765858	52.67%	5.325%
32	5.887	1490	1492	1494	rBV2	442	246	0.02%	0.002%
33	5.929	1494	1505	1528	rVB	43922	93935	6.46%	0.653%
34	6.093	1542	1556	1585	rBV	343970	692491	47.63%	4.815%

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 Title : VOC Analysis

35	6.444	1662	1665	1669	rBV2	609	559	0.04%	0.004%
36	6.530	1690	1692	1696	rBV2	487	270	0.02%	0.002%
37	6.595	1707	1712	1717	rBV3	506	519	0.04%	0.004%
38	6.836	1783	1787	1791	rBV2	256	223	0.02%	0.002%
39	6.923	1809	1814	1817	rBV	266	273	0.02%	0.002%
40	7.006	1827	1840	1863	rBV	175108	314188	21.61%	2.184%
41	7.225	1904	1908	1911	rVB4	662	498	0.03%	0.003%
42	7.247	1911	1915	1917	rBV4	714	579	0.04%	0.004%
43	7.338	1931	1943	1955	rBV	654088	1118978	76.96%	7.780%
44	7.408	1956	1965	1991	rVB	810849	1375746	94.62%	9.565%
45	7.643	2028	2038	2062	rBV	124990	216695	14.90%	1.507%
46	7.826	2091	2095	2096	rBV	522	327	0.02%	0.002%
47	7.887	2111	2114	2120	rVB2	697	480	0.03%	0.003%
48	7.923	2120	2125	2129	rBV2	481	526	0.04%	0.004%
49	8.000	2140	2149	2162	rBV5	7312	12548	0.86%	0.087%
50	8.106	2172	2182	2222	rBV2	336899	674229	46.37%	4.688%
51	8.540	2315	2317	2320	rBV3	607	363	0.02%	0.003%
52	8.595	2332	2334	2337	rBV2	520	309	0.02%	0.002%
53	8.659	2352	2354	2358	rBV3	669	432	0.03%	0.003%
54	8.791	2393	2395	2398	rBV3	352	156	0.01%	0.001%
55	8.871	2409	2420	2447	rBV	610761	998429	68.67%	6.942%
56	9.035	2462	2471	2484	rBV	27547	45178	3.11%	0.314%
57	9.157	2500	2509	2527	rBV	85848	140723	9.68%	0.978%
58	9.267	2540	2543	2547	rVB2	571	432	0.03%	0.003%
59	9.286	2547	2549	2550	rBV2	211	103	0.01%	0.001%
60	9.373	2572	2576	2579	rBV2	317	260	0.02%	0.002%
61	9.566	2626	2636	2659	rVB	50159	83079	5.71%	0.578%
62	9.649	2659	2662	2664	rVB	338	171	0.01%	0.001%
63	9.665	2664	2667	2672	rVB3	531	401	0.03%	0.003%
64	9.694	2672	2676	2678	rBV	261	197	0.01%	0.001%
65	9.720	2680	2684	2688	rBV3	336	313	0.02%	0.002%
66	9.765	2694	2698	2699	rBV	471	275	0.02%	0.002%
67	9.862	2722	2728	2734	rVB2	453	473	0.03%	0.003%
68	9.890	2734	2737	2739	rBV2	276	173	0.01%	0.001%
69	9.955	2748	2757	2770	rVB3	8433	13083	0.90%	0.091%
70	10.026	2776	2779	2782	rVB2	289	176	0.01%	0.001%
71	10.106	2800	2804	2805	rBV	397	280	0.02%	0.002%

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72	10.161	2813	2821	2828	rVB3	2884	4602	0.32%	0.032%
73	10.238	2833	2845	2862	rBV	342833	526386	36.20%	3.660%
74	10.376	2877	2888	2904	rBV	22103	34807	2.39%	0.242%
75	10.469	2906	2917	2936	rVV	88775	188128	12.94%	1.308%
76	10.562	2937	2946	2963	rVB	34858	54925	3.78%	0.382%
77	10.662	2973	2977	2978	rBV2	424	235	0.02%	0.002%
78	10.714	2982	2993	3002	rBV	316851	482007	33.15%	3.351%
79	10.935	3052	3062	3080	rBV	151318	228069	15.69%	1.586%
80	11.042	3087	3095	3104	rBV2	11228	17807	1.22%	0.124%
81	11.209	3139	3147	3155	rBV6	3606	5449	0.37%	0.038%
82	11.270	3155	3166	3184	rBV	657829	1031407	70.94%	7.171%
83	11.357	3186	3193	3206	rVB	46986	72015	4.95%	0.501%
84	11.550	3246	3253	3264	rBV2	20165	31253	2.15%	0.217%
85	11.646	3272	3283	3302	rVB	726954	1127287	77.53%	7.838%
86	12.038	3397	3405	3419	rBV4	2908	4406	0.30%	0.031%
87	12.337	3497	3498	3499	rBV	715	234	0.02%	0.002%
88	12.492	3539	3546	3555	rVB5	2143	3226	0.22%	0.022%
89	12.530	3555	3558	3560	rBV2	479	359	0.02%	0.002%
90	12.604	3578	3581	3582	rBV	287	132	0.01%	0.001%
91	12.797	3639	3641	3647	rBV	309	217	0.01%	0.002%
92	12.836	3651	3653	3656	rBV2	322	169	0.01%	0.001%
93	12.865	3660	3662	3667	rBV2	403	292	0.02%	0.002%
94	12.910	3669	3676	3683	rVV3	3300	3757	0.26%	0.026%
95	13.234	3775	3777	3779	rBV2	334	145	0.01%	0.001%
96	13.289	3786	3794	3804	rVB4	5346	7341	0.50%	0.051%
97	13.492	3854	3857	3859	rBV2	292	147	0.01%	0.001%
98	13.530	3859	3869	3884	rBV2	15812	26267	1.81%	0.183%
99	13.662	3909	3910	3911	rBV2	346	116	0.01%	0.001%
100	14.360	4124	4127	4130	rBV	497	435	0.03%	0.003%

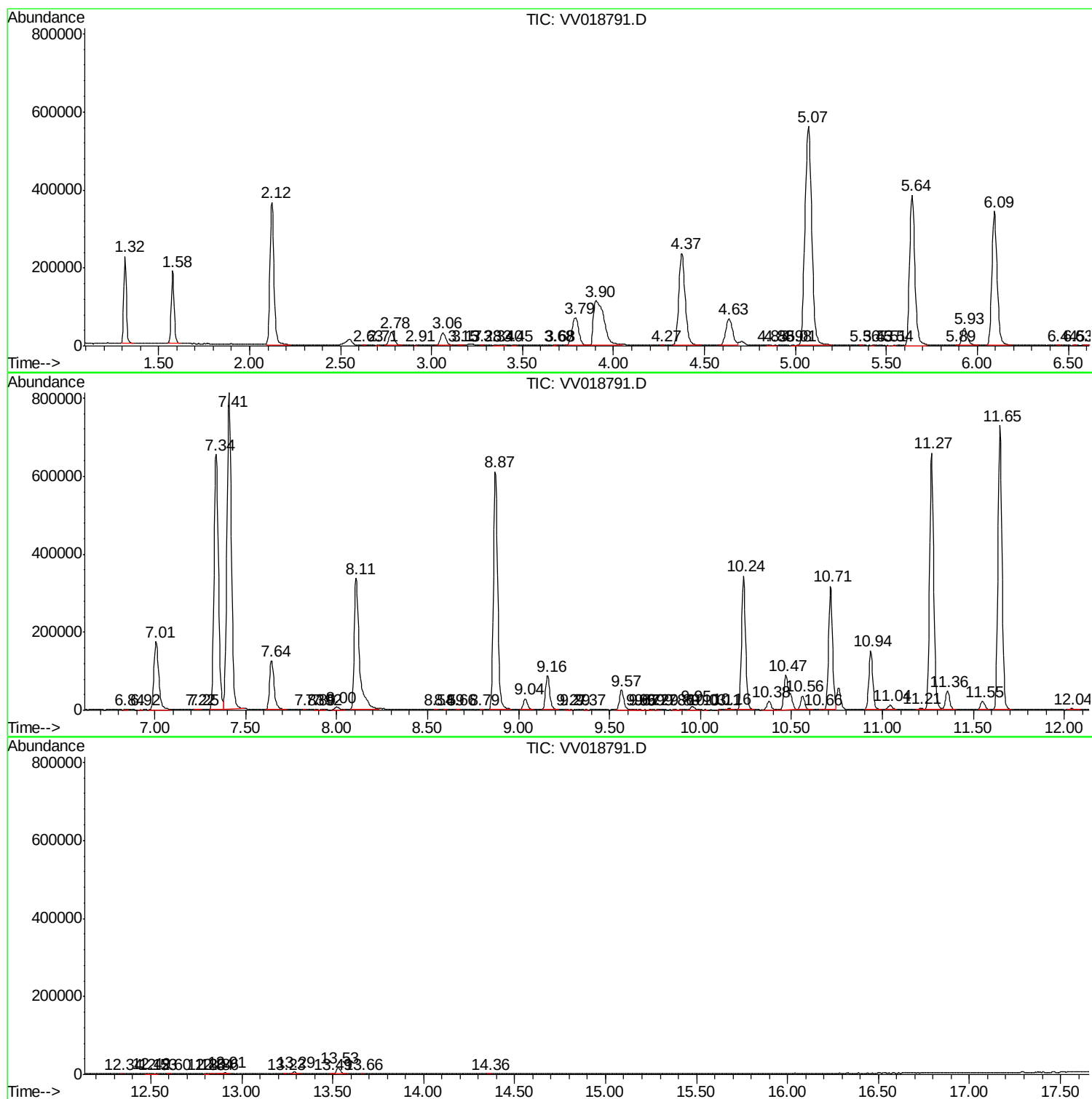
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

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



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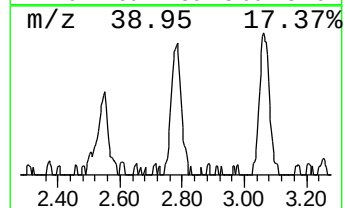
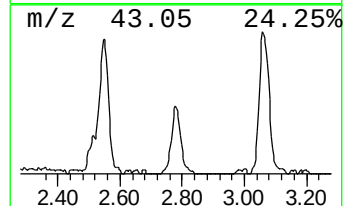
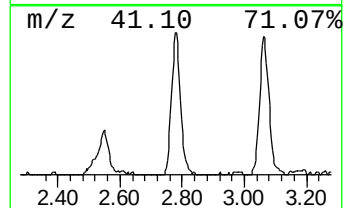
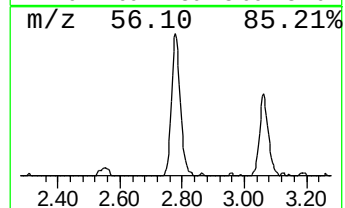
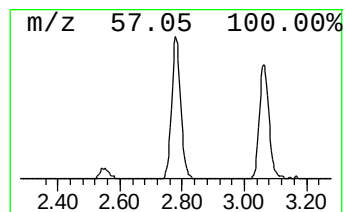
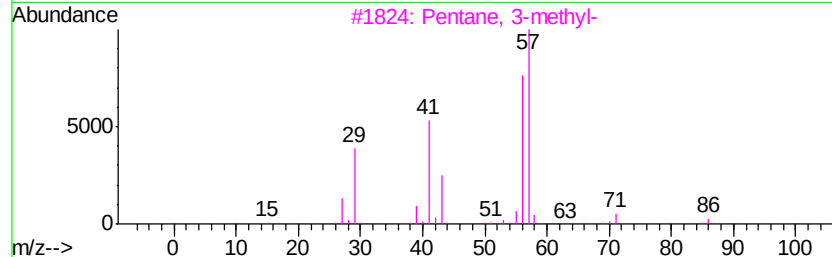
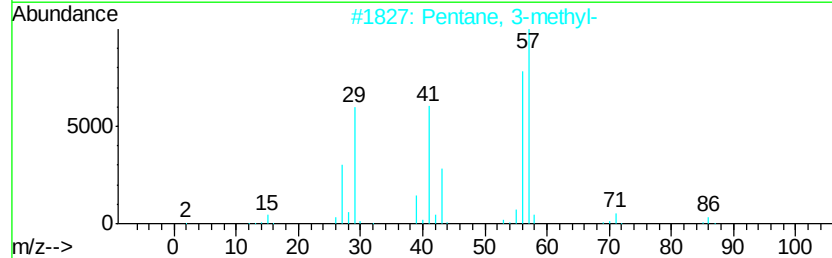
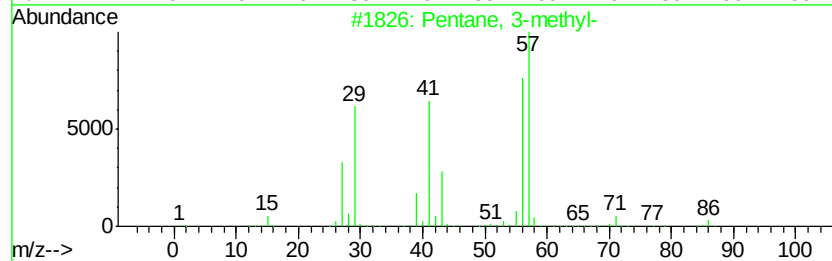
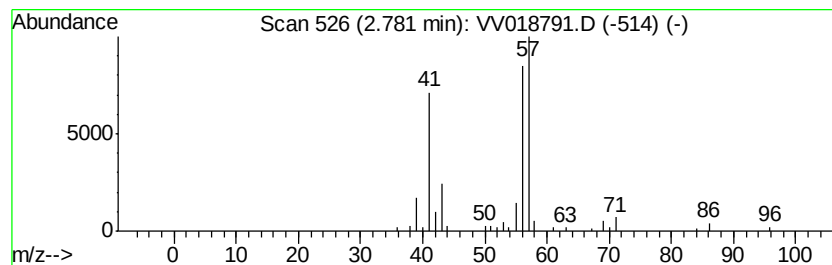
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	4.35 ug/L	66653	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
2		Pentane, 3-methyl-	86	C6H14	000096-14-0	80
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56



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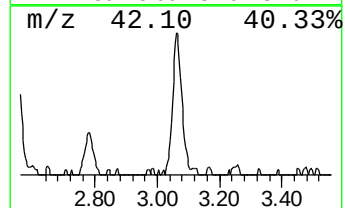
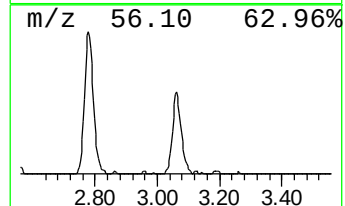
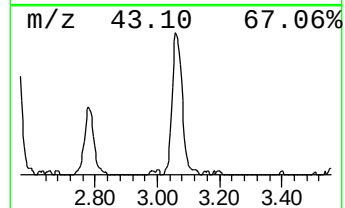
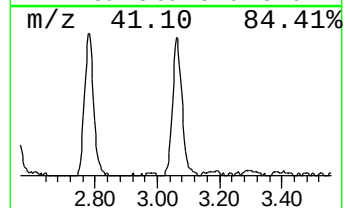
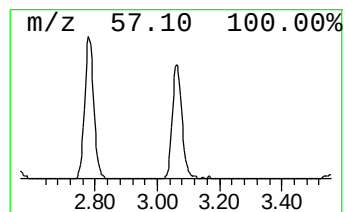
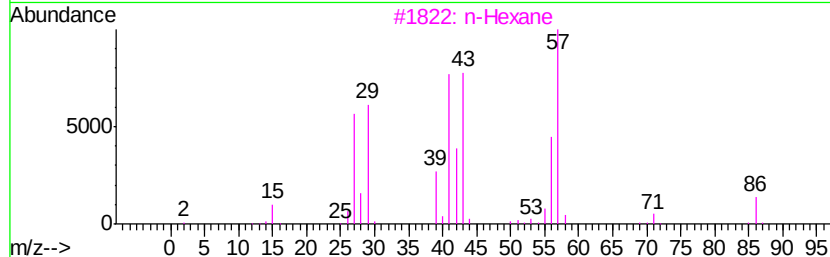
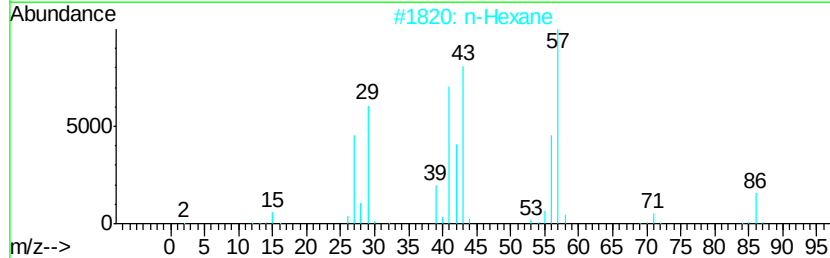
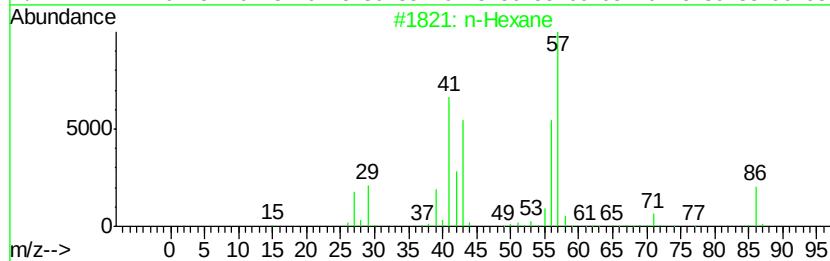
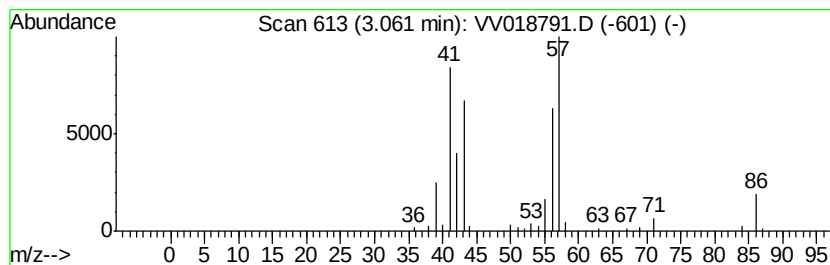
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	4.46 ug/L	68262	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	87
2		n-Hexane	86	C6H14	000110-54-3	83
3		n-Hexane	86	C6H14	000110-54-3	80
4		Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	38
5		Butanal, 2-methyl-	86	C5H10O	000096-17-3	38



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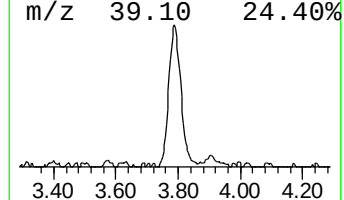
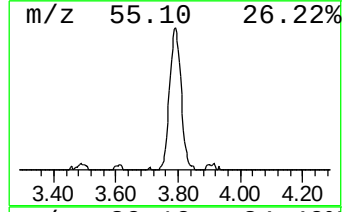
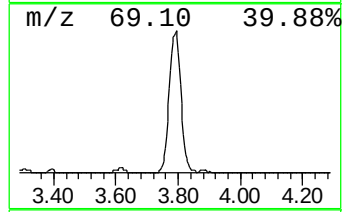
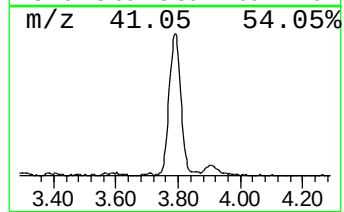
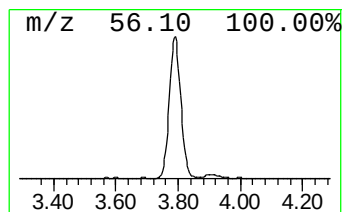
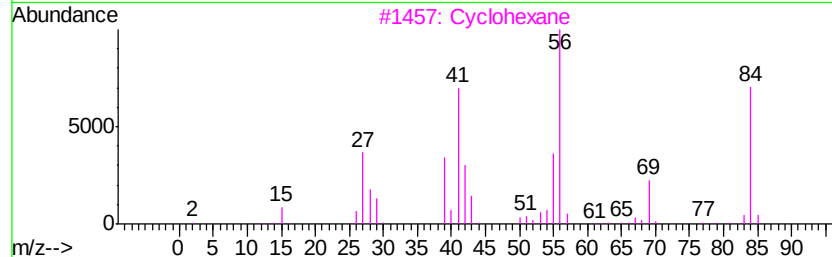
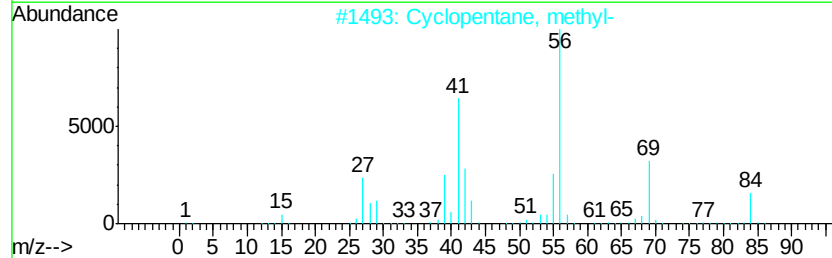
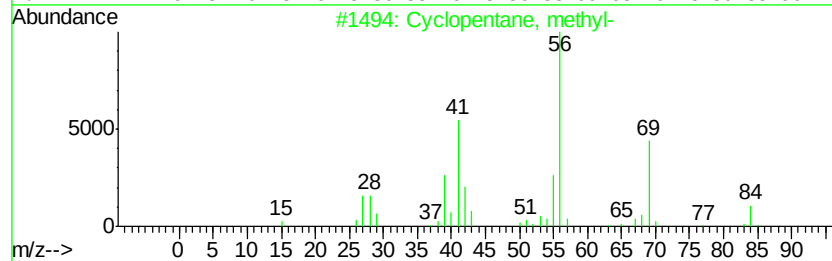
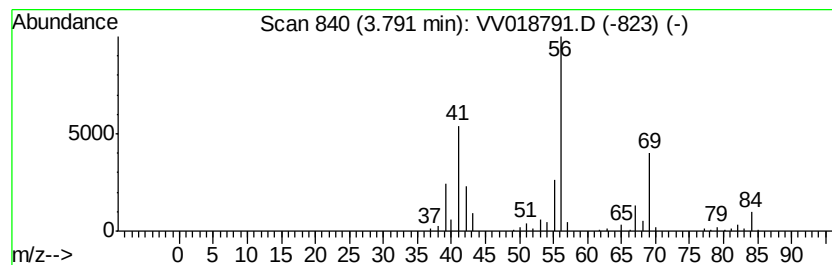
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Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Cyclic3.79 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	12.11 ug/L	185446	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3		Cyclohexane	84	C6H12	000110-82-7	86
4		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
5		Cyclohexane	84	C6H12	000110-82-7	78



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Acq On : 09 Oct 2020 03:48
Operator : SY/MD
Sample : L4239-19DL 50X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W1DL

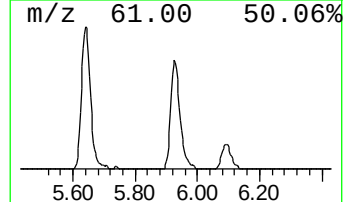
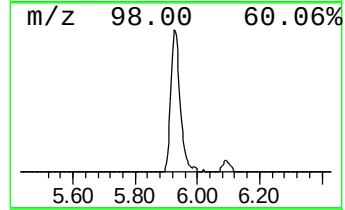
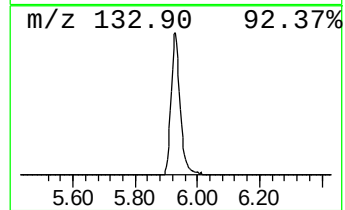
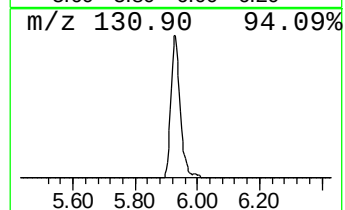
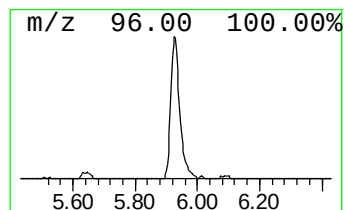
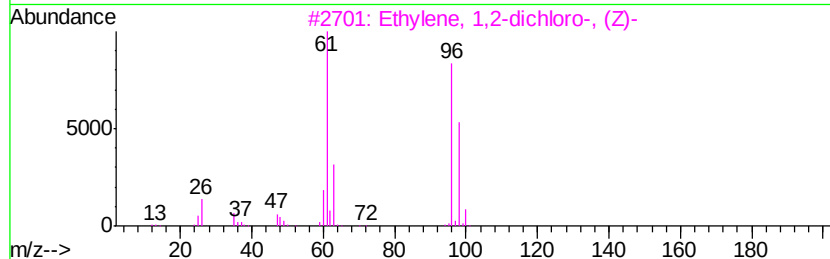
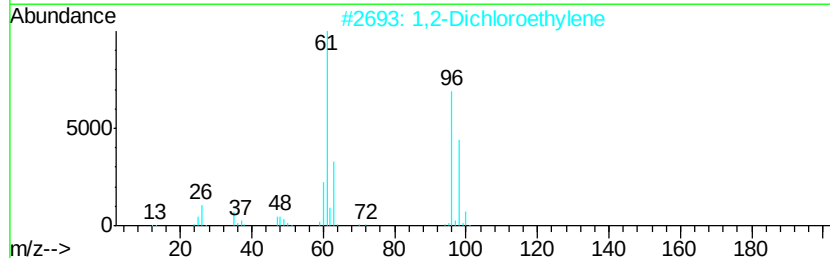
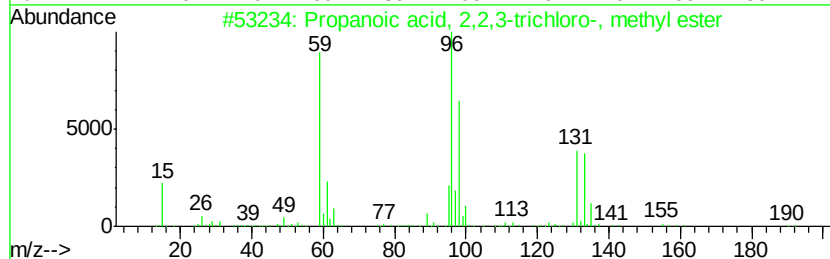
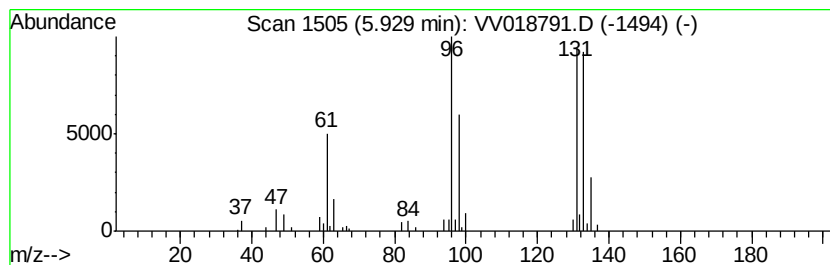
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Quant Title : VOC Analysis

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

Peak Number 4 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	6.13 ug/L	93935	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	38
2		1,2-Dichloroethylene	96	C2H2Cl2	000540-59-0	35
3		Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	35
4		Ethylene, 1,2-dichloro-, (E)-	96	C2H2Cl2	000156-60-5	35
5		Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100920\
Data File : VV018791.D
Acq On : 09 Oct 2020 03:48
Operator : SY/MD
Sample : L4239-19DL 50X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W1DL

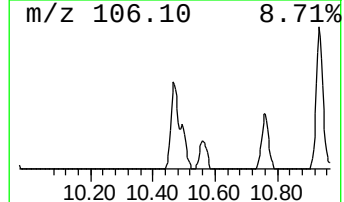
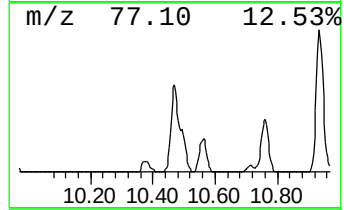
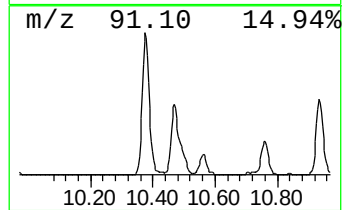
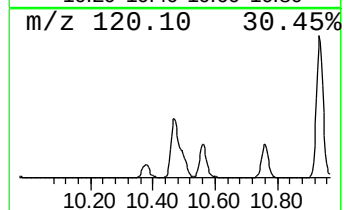
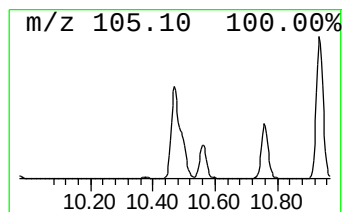
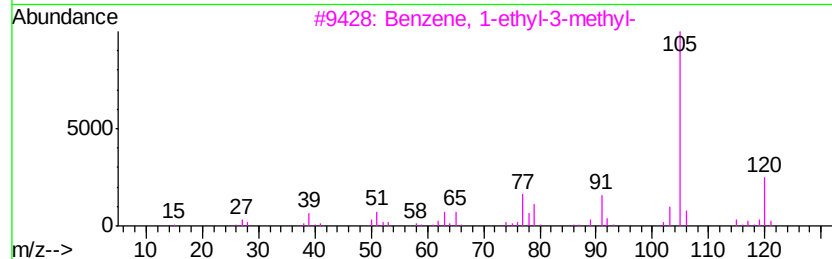
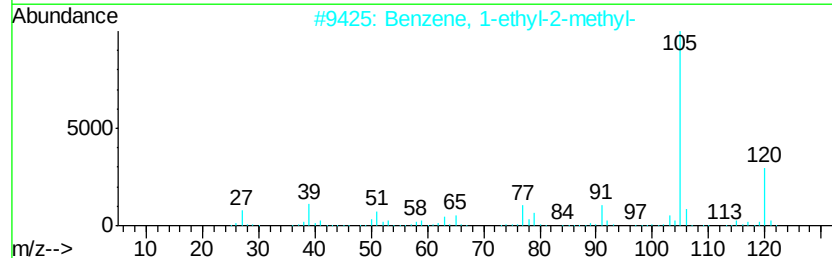
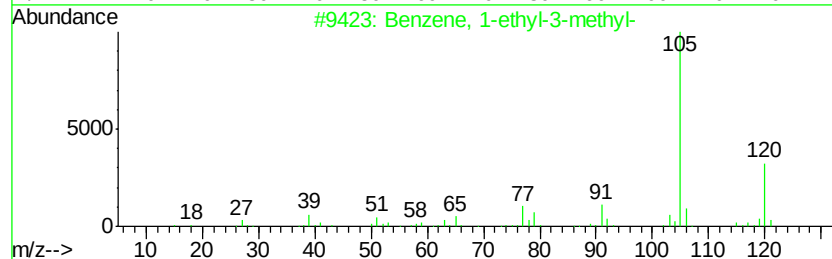
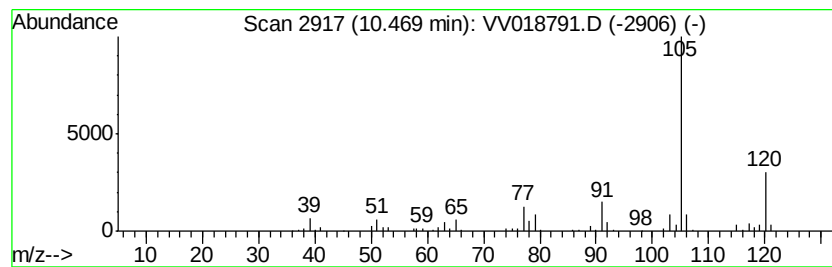
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	9.12 ug/L	188128	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100920\
Data File : VV018791.D
Acq On : 09 Oct 2020 03:48
Operator : SY/MD
Sample : L4239-19DL 50X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W1DL

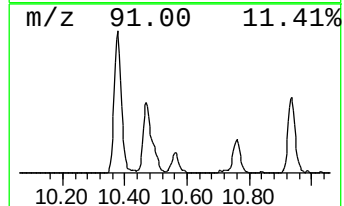
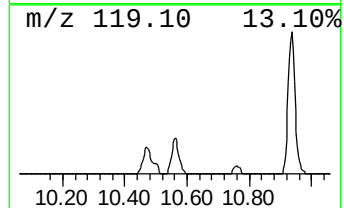
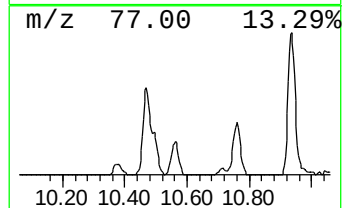
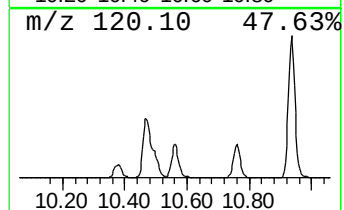
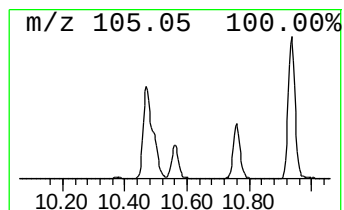
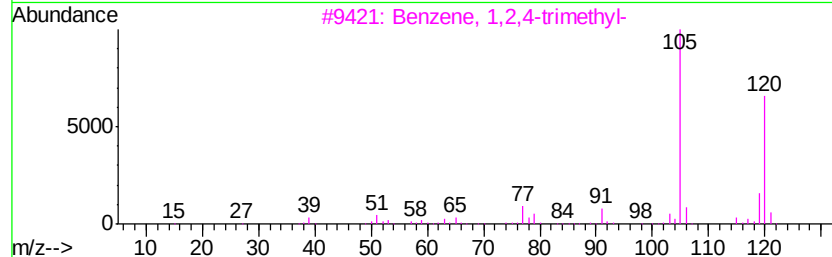
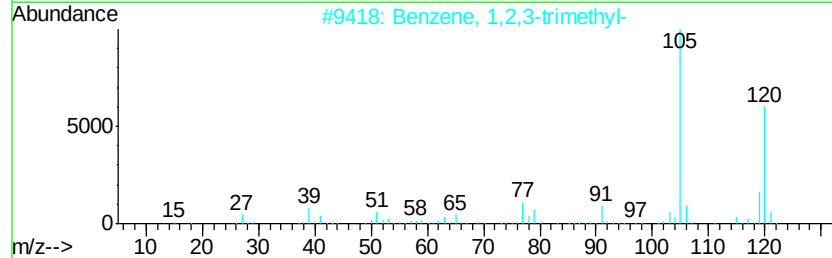
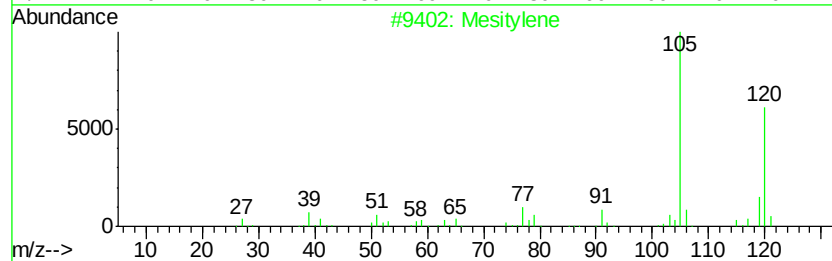
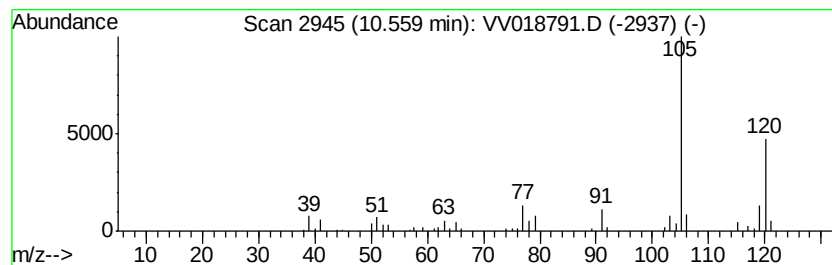
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Quant Title : VOC Analysis

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

Peak Number 7 Mesitylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	2.66 ug/L	54925	1,4-Dichlorobenzene-d4	11.27

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100920\
Data File : VV018791.D
Acq On : 09 Oct 2020 03:48
Operator : SY/MD
Sample : L4239-19DL 50X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
BG3W1DL

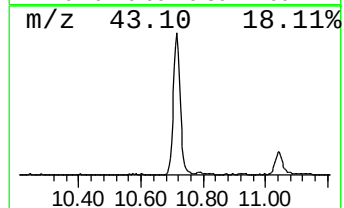
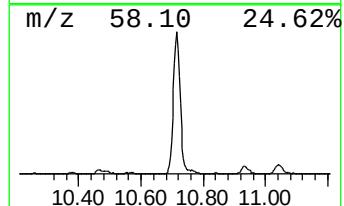
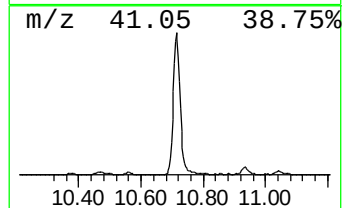
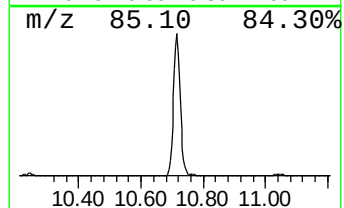
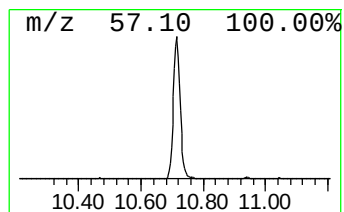
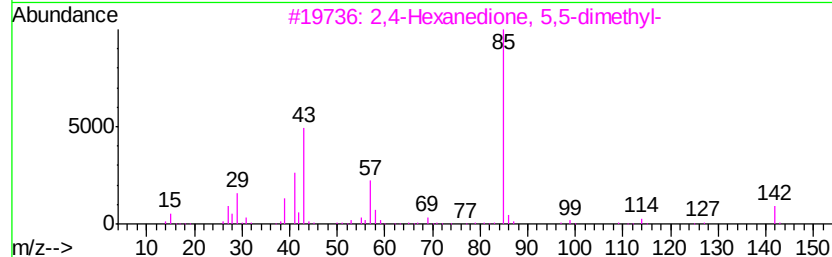
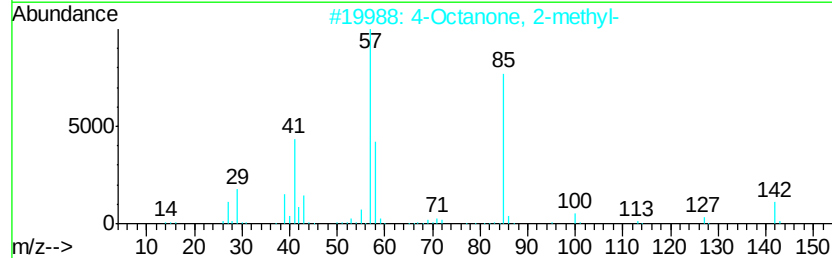
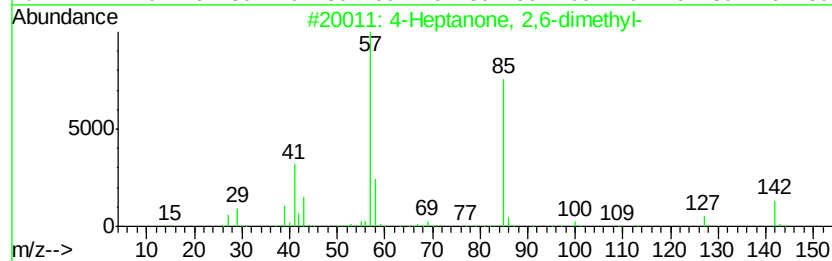
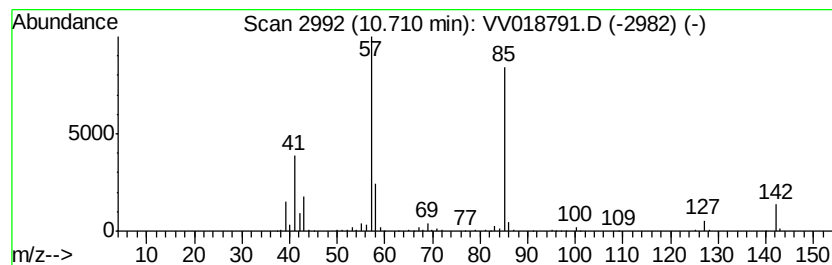
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Quant Title : VOC Analysis

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

Peak Number 8 4-Heptanone, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	23.37 ug/L	482007	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	94
2		4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	64
3		2,4-Hexanedione, 5,5-dimethyl-	142	C8H14O2	007307-04-2	59
4		5-Nonanone	142	C9H18O	000502-56-7	59
5		5-Nonanone	142	C9H18O	000502-56-7	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100920\
Data File : VV018791.D
Acq On : 09 Oct 2020 03:48
Operator : SY/MD
Sample : L4239-19DL 50X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W1DL

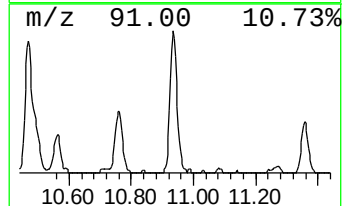
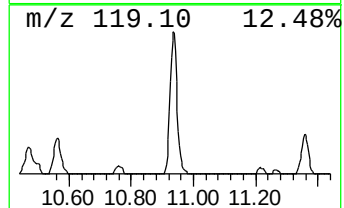
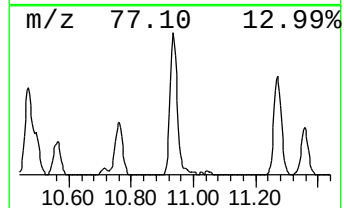
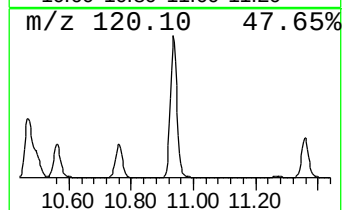
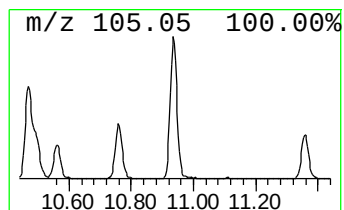
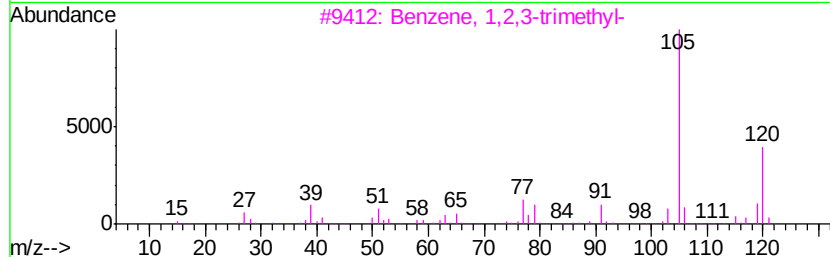
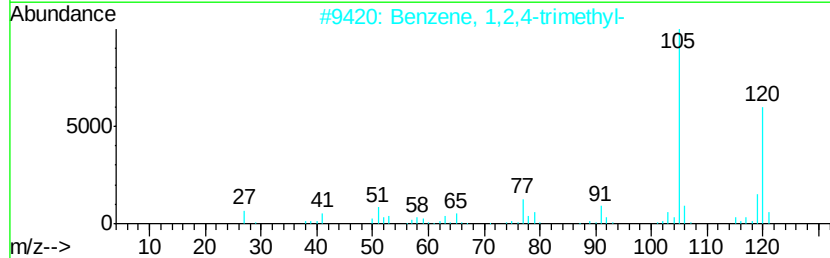
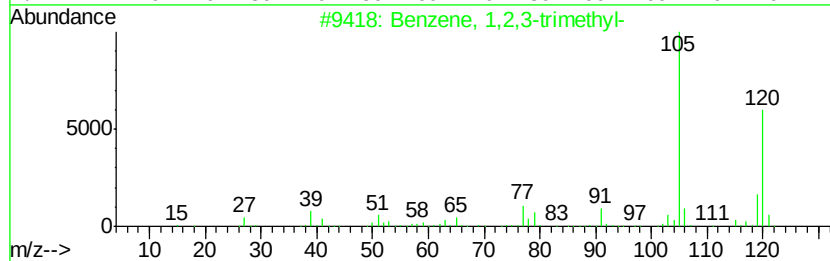
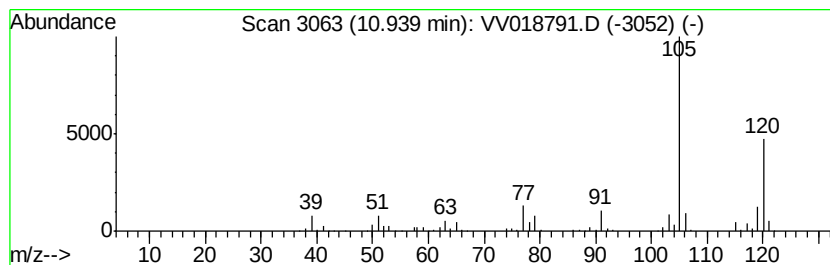
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	11.06 ug/L	228069	1,4-Dichlorobenzene-d4	11.27

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100920\
Data File : VV018791.D
Acq On : 09 Oct 2020 03:48
Operator : SY/MD
Sample : L4239-19DL 50X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W1DL

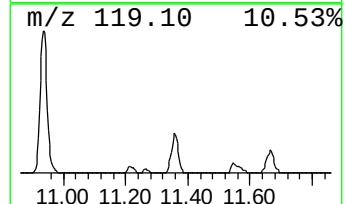
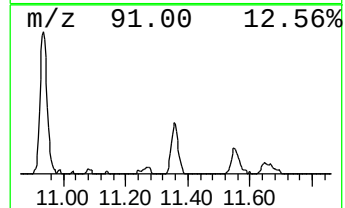
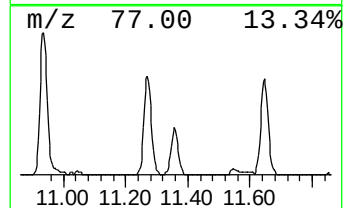
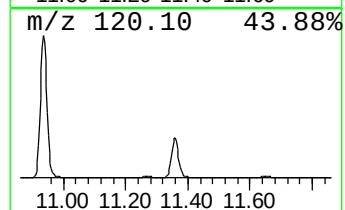
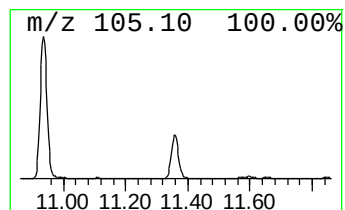
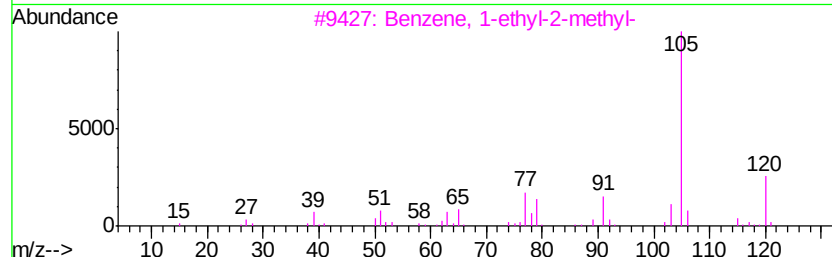
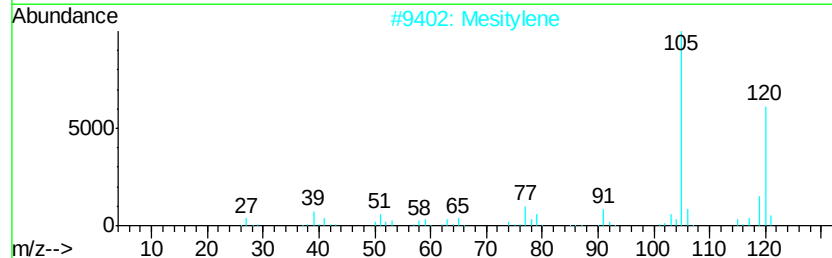
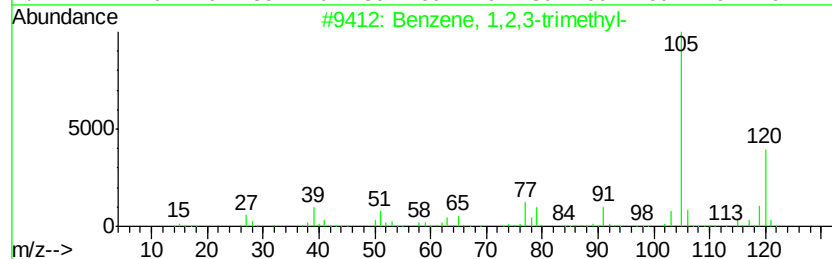
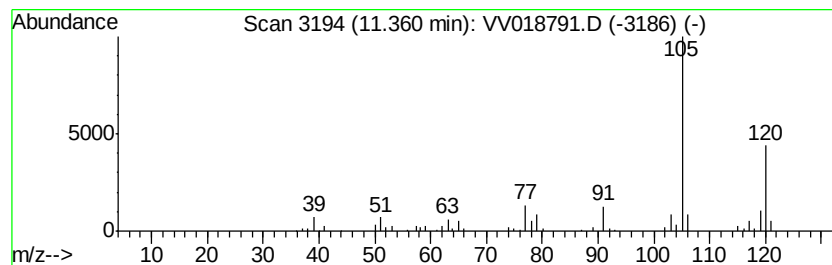
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1,2,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	3.49 ug/L	72015	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Mesitylene	120	C9H12	000108-67-8	94
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018791.D
Acq On : 09 Oct 2020 03:48
Operator : SY/MD
Sample : L4239-19DL 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W1DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.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...	2.78	4.3	ug/L	66653	1	5.64	765858	50.0
(DEL) Alkane: Str...	3.06	4.5	ug/L	68262	1	5.64	765858	50.0
(DEL) Alkane: Cyc...	3.79	12.1	ug/L	185446	1	5.64	765858	50.0
unknown-01	5.93	6.1	ug/L	93935	1	5.64	765858	50.0
Benzene, 1-ethyl-...	10.47	9.1	ug/L	188128	3	11.27	1031410	50.0
Mesitylene	10.56	2.7	ug/L	54925	3	11.27	1031410	50.0
4-Heptanone, 2,6-...	10.71	23.4	ug/L	482007	3	11.27	1031410	50.0
Benzene, 1,2,3-tr...	10.94	11.1	ug/L	228069	3	11.27	1031410	50.0
Benzene, 1,2,4-tr...	11.36	3.5	ug/L	72015	3	11.27	1031410	50.0