

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018811.D
 Acq On : 09 Oct 2020 12:04
 Operator : SY/MD
 Sample : L4239-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3P8

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	81	rVB	175360	170874	10.37%	1.256%
2	1.576	145	151	164	rVB	157256	171879	10.43%	1.263%
3	2.122	312	321	338	rVB	287266	424083	25.72%	3.117%
4	2.782	512	526	543	rBV	51860	103331	6.27%	0.759%
5	2.923	568	570	574	rVB2	465	310	0.02%	0.002%
6	2.958	579	581	583	rBV	299	183	0.01%	0.001%
7	3.061	599	613	634	rBV	83113	168478	10.22%	1.238%
8	3.383	709	713	714	rBV	362	210	0.01%	0.002%
9	3.495	745	748	751	rBV2	455	291	0.02%	0.002%
10	3.521	752	756	759	rBV3	510	427	0.03%	0.003%
11	3.563	759	769	773	rBV7	2808	4994	0.30%	0.037%
12	3.698	794	811	821	rBV6	2286	6014	0.36%	0.044%
13	3.791	825	840	860	rVB2	38802	97973	5.94%	0.720%
14	3.904	865	875	908	rBV	111679	310898	18.86%	2.285%
15	4.380	1008	1023	1053	rVB	220212	525591	31.88%	3.863%
16	4.589	1085	1088	1091	rBV3	550	424	0.03%	0.003%
17	4.640	1098	1104	1112	rBV6	2170	3821	0.23%	0.028%
18	4.707	1115	1125	1139	rVB7	4875	11360	0.69%	0.083%
19	4.817	1156	1159	1161	rBV2	431	235	0.01%	0.002%
20	5.074	1219	1239	1268	rBV2	527608	1361831	82.61%	10.009%
21	5.643	1397	1416	1441	rBV	660153	1309722	79.45%	9.626%
22	5.820	1469	1471	1475	rBV2	769	403	0.02%	0.003%
23	5.929	1493	1505	1527	rBV2	36433	77410	4.70%	0.569%
24	6.097	1542	1557	1587	rBV	308238	633862	38.45%	4.658%
25	6.351	1633	1636	1637	rBV2	338	192	0.01%	0.001%
26	6.370	1640	1642	1645	rVB2	334	191	0.01%	0.001%
27	6.396	1646	1650	1651	rBV	345	200	0.01%	0.001%
28	6.457	1667	1669	1673	rBV2	237	144	0.01%	0.001%
29	6.489	1676	1679	1684	rVB3	322	190	0.01%	0.001%
30	6.521	1686	1689	1692	rBV2	221	152	0.01%	0.001%
31	6.537	1692	1694	1698	rBV	390	272	0.02%	0.002%
32	6.605	1712	1715	1716	rBV2	283	183	0.01%	0.001%
33	6.653	1728	1730	1732	rBV	312	161	0.01%	0.001%
34	6.775	1765	1768	1771	rBV2	356	297	0.02%	0.002%

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 Title : VOC Analysis

35	6.839	1785	1788	1792	rBV2	374	299	0.02%	0.002%
36	6.900	1803	1807	1808	rBV	396	215	0.01%	0.002%
37	6.932	1815	1817	1819	rBV	359	170	0.01%	0.001%
38	6.945	1819	1821	1824	rBV	341	211	0.01%	0.002%
39	7.010	1829	1841	1862	rBV	172886	313665	19.03%	2.305%
40	7.251	1914	1916	1919	rBV2	419	223	0.01%	0.002%
41	7.338	1931	1943	1958	rBV	595809	1016627	61.67%	7.472%
42	7.643	2027	2038	2063	rBV	122086	217720	13.21%	1.600%
43	7.820	2091	2093	2096	rBV	398	206	0.01%	0.002%
44	7.865	2103	2107	2113	rBV7	945	1041	0.06%	0.008%
45	8.000	2142	2149	2157	rBV6	4624	6819	0.41%	0.050%
46	8.067	2168	2170	2173	rBV3	549	334	0.02%	0.002%
47	8.109	2173	2183	2219	rBV2	336173	672566	40.80%	4.943%
48	8.556	2317	2322	2325	rBV3	782	795	0.05%	0.006%
49	8.723	2372	2374	2377	rBV2	398	329	0.02%	0.002%
50	8.791	2391	2395	2399	rBV3	427	332	0.02%	0.002%
51	8.871	2408	2420	2447	rBV	1022775	1633421	99.08%	12.005%
52	9.039	2464	2472	2484	rVB	15945	26053	1.58%	0.191%
53	9.161	2501	2510	2524	rBV2	38066	64174	3.89%	0.472%
54	9.260	2539	2541	2546	rVB3	801	615	0.04%	0.005%
55	9.312	2554	2557	2558	rVB3	240	169	0.01%	0.001%
56	9.373	2573	2576	2579	rBV2	285	155	0.01%	0.001%
57	9.444	2595	2598	2603	rBV2	300	359	0.02%	0.003%
58	9.566	2626	2636	2646	rBV	23580	37670	2.29%	0.277%
59	9.675	2664	2670	2671	rBV	451	371	0.02%	0.003%
60	9.733	2685	2688	2689	rBV2	308	186	0.01%	0.001%
61	9.775	2699	2701	2704	rVB2	358	221	0.01%	0.002%
62	9.794	2704	2707	2710	rVB2	352	165	0.01%	0.001%
63	9.823	2711	2716	2718	rBV2	450	345	0.02%	0.003%
64	9.842	2721	2722	2725	rVB	455	179	0.01%	0.001%
65	9.955	2748	2757	2768	rBV2	14268	22801	1.38%	0.168%
66	10.051	2784	2787	2790	rVV3	731	532	0.03%	0.004%
67	10.186	2826	2829	2832	rBV	264	224	0.01%	0.002%
68	10.238	2832	2845	2862	rVV	358399	559028	33.91%	4.108%
69	10.376	2878	2888	2905	rVB	53697	86199	5.23%	0.634%
70	10.469	2905	2917	2936	rBV	150210	311078	18.87%	2.286%
71	10.563	2938	2946	2956	rVB	28475	41775	2.53%	0.307%

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72	10.714	2984	2993	3000	rBV	38759	59696	3.62%	0.439%
73	10.759	3001	3007	3020	rVB	72989	112224	6.81%	0.825%
74	10.936	3053	3062	3080	rVB	70179	107179	6.50%	0.788%
75	11.077	3102	3106	3111	rBV4	1794	1944	0.12%	0.014%
76	11.164	3130	3133	3135	rBV4	681	463	0.03%	0.003%
77	11.212	3140	3148	3154	rVV10	6289	9539	0.58%	0.070%
78	11.270	3155	3166	3185	rVV	1091797	1648541	100.00%	12.116%
79	11.360	3186	3194	3206	rVB	36774	56629	3.44%	0.416%
80	11.440	3217	3219	3220	rBV2	595	272	0.02%	0.002%
81	11.498	3235	3237	3240	rVB2	695	306	0.02%	0.002%
82	11.518	3240	3243	3244	rBV	493	273	0.02%	0.002%
83	11.550	3244	3253	3263	rBV2	17143	32704	1.98%	0.240%
84	11.646	3273	3283	3304	rVB	663492	1051438	63.78%	7.727%
85	11.845	3338	3345	3352	rBV4	3992	5989	0.36%	0.044%
86	11.935	3364	3373	3377	rBV5	3305	5163	0.31%	0.038%
87	12.038	3399	3405	3416	rVB	6046	7754	0.47%	0.057%
88	12.247	3467	3470	3471	rBV	442	228	0.01%	0.002%
89	12.263	3472	3475	3479	rBV3	987	1042	0.06%	0.008%
90	12.434	3524	3528	3530	rBV3	2156	1682	0.10%	0.012%
91	12.672	3599	3602	3604	rBV2	652	345	0.02%	0.003%
92	12.749	3620	3626	3636	rBV7	1260	1743	0.11%	0.013%
93	12.804	3641	3643	3646	rBV2	353	274	0.02%	0.002%
94	13.157	3751	3753	3757	rBV2	411	230	0.01%	0.002%
95	13.286	3785	3793	3807	rBV3	18552	28098	1.70%	0.207%
96	13.472	3843	3851	3860	rBV5	6881	10495	0.64%	0.077%
97	13.530	3861	3869	3881	rVB	21578	35403	2.15%	0.260%
98	13.604	3884	3892	3904	rBV6	7758	14732	0.89%	0.108%
99	13.681	3913	3916	3919	rBV3	698	533	0.03%	0.004%
100	13.768	3935	3943	3953	rBV6	5312	7896	0.48%	0.058%

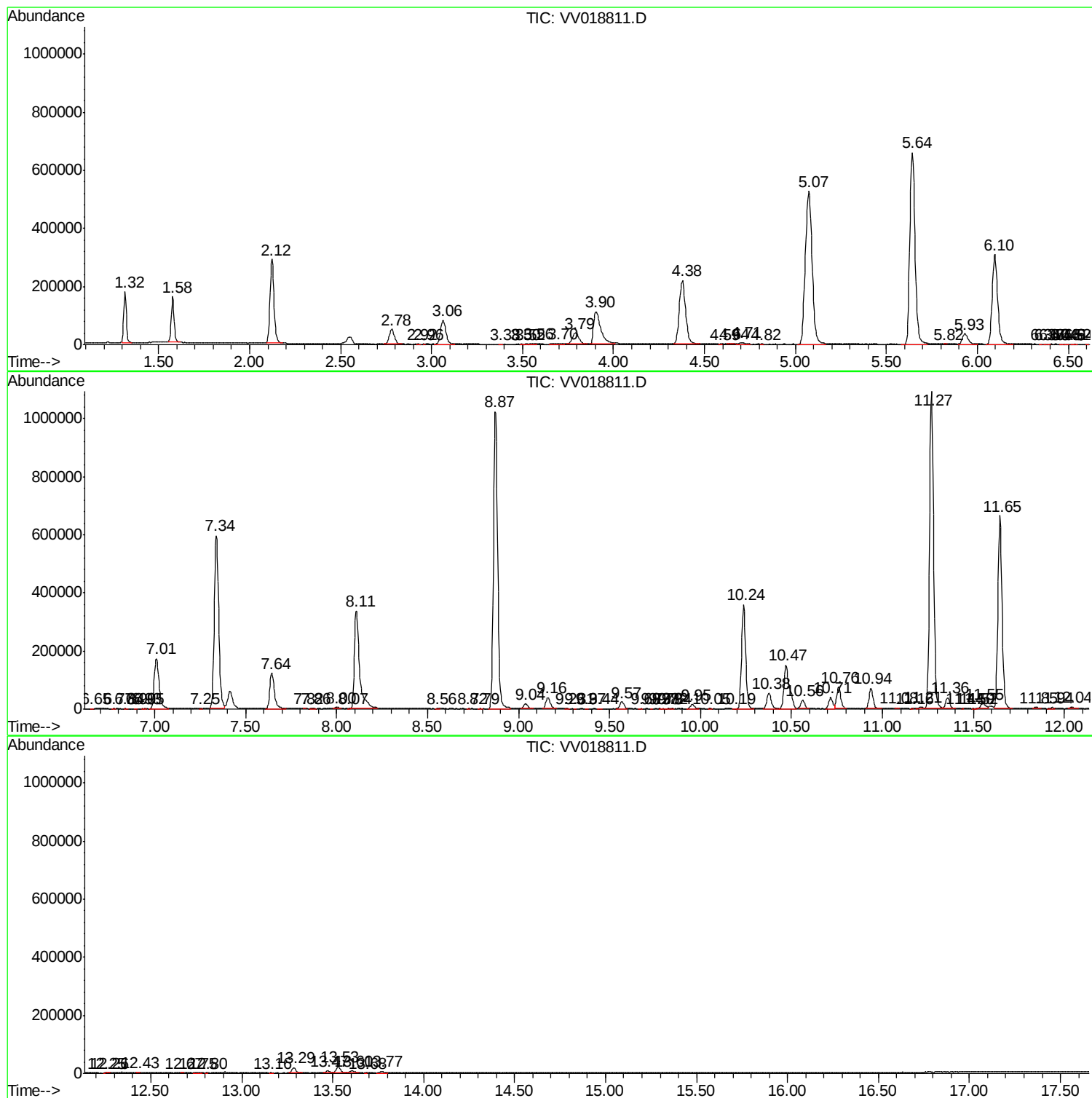
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

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



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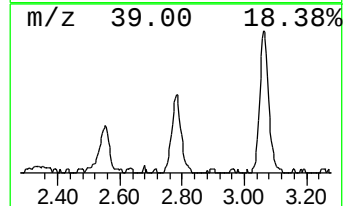
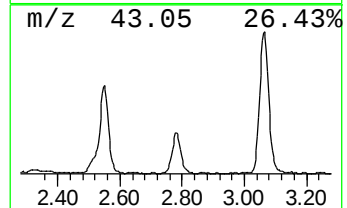
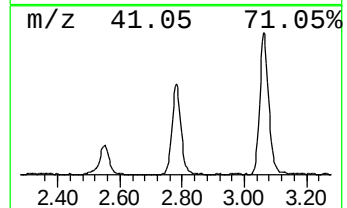
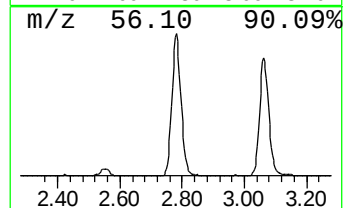
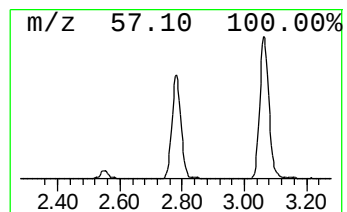
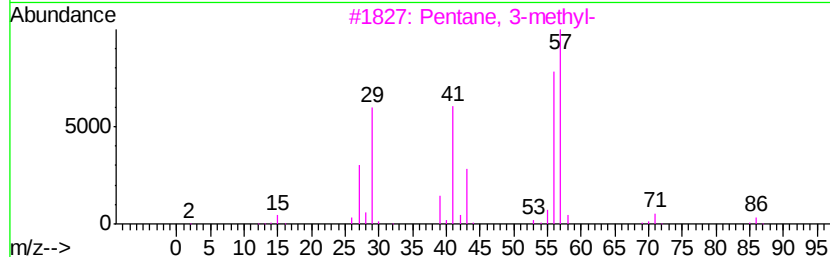
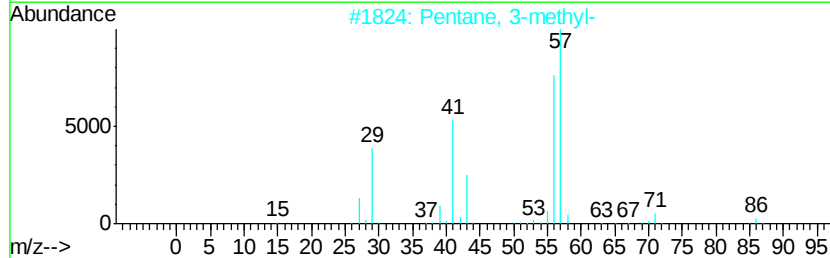
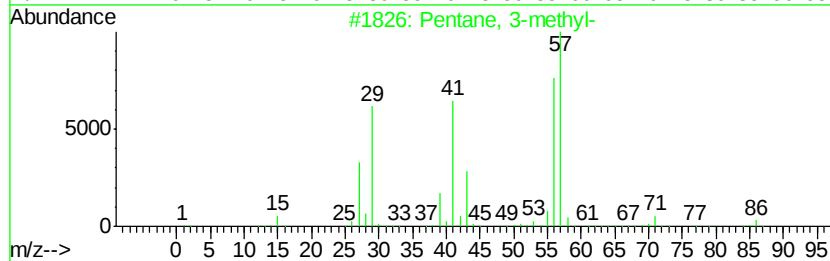
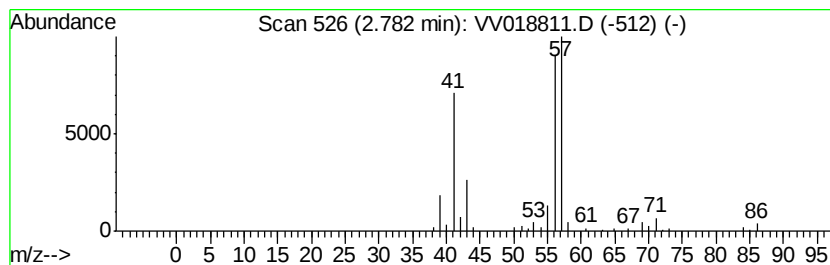
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	3.94 ug/L	103331	1,4-Difluorobenzene	5.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2			Pentane, 3-methyl-	86	C6H14	000096-14-0	83
3			Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	72
5			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64



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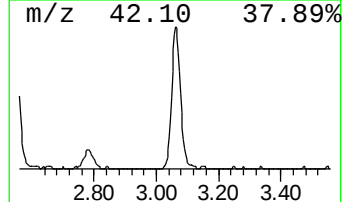
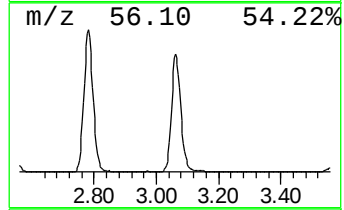
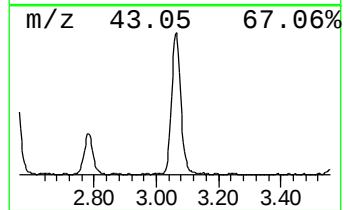
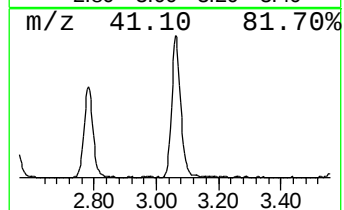
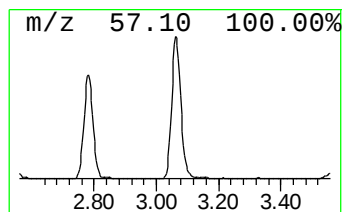
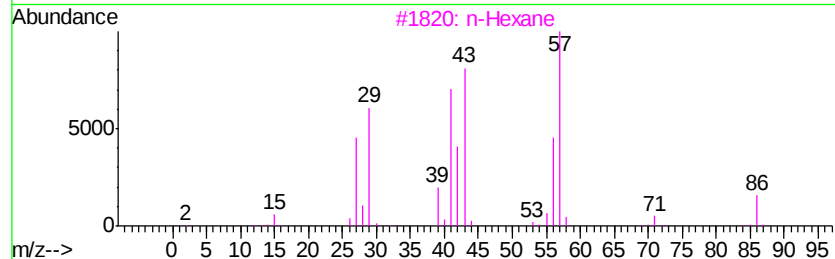
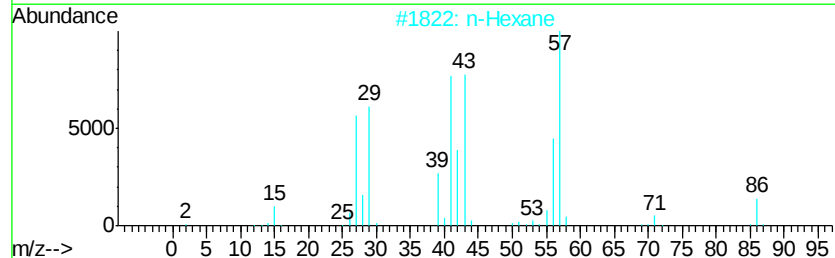
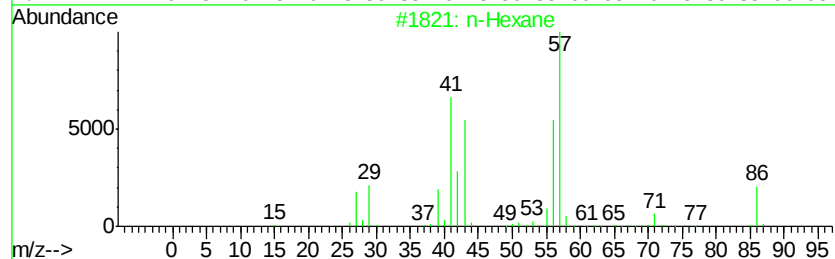
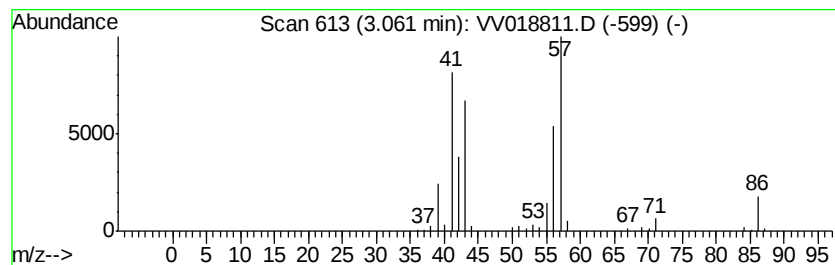
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	6.43 ug/L	168478	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	91
2		n-Hexane	86	C6H14	000110-54-3	91
3		n-Hexane	86	C6H14	000110-54-3	90
4		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	45
5		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	38



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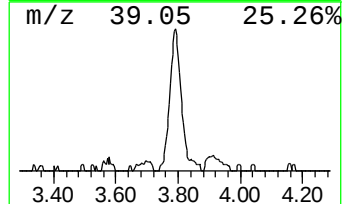
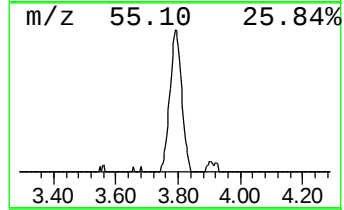
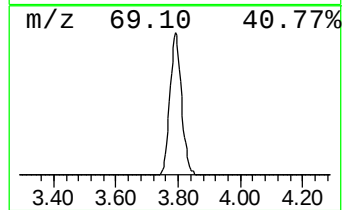
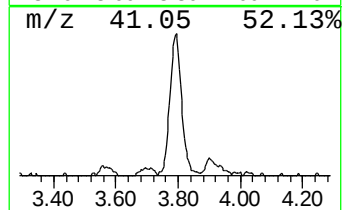
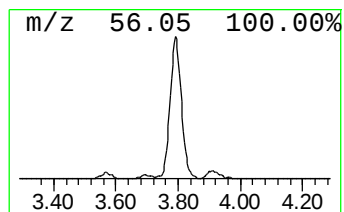
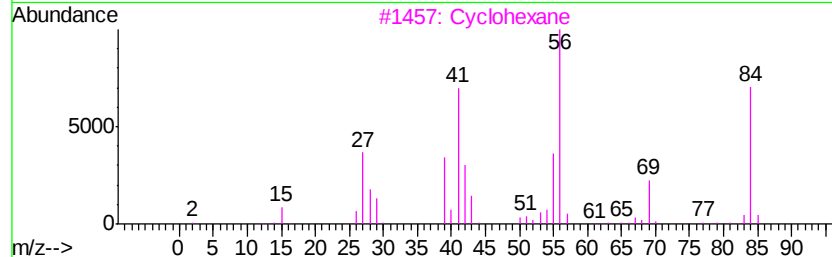
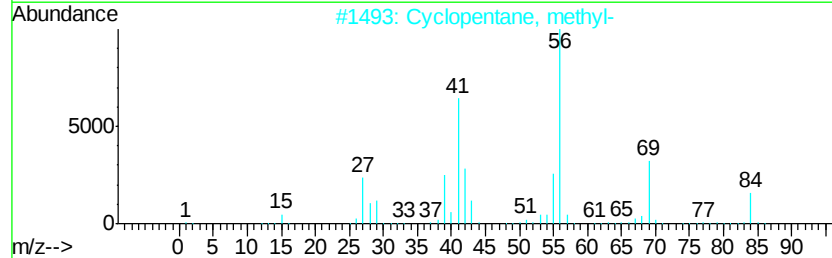
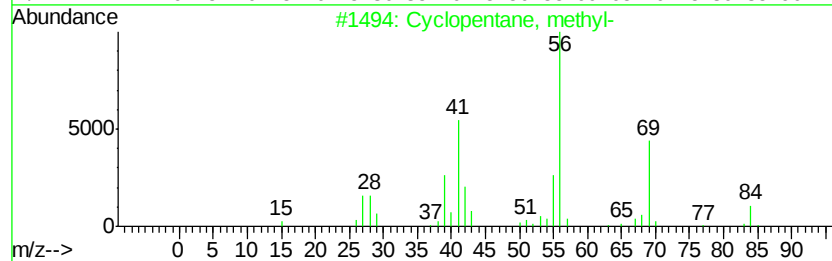
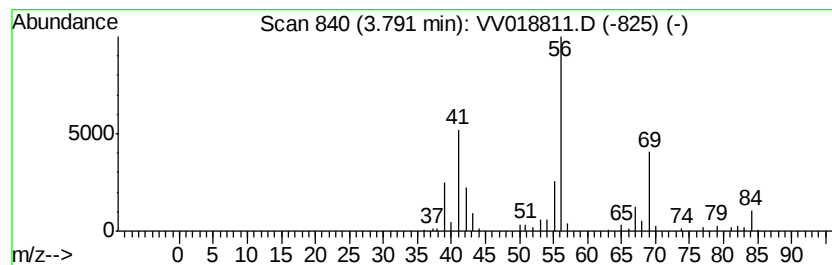
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic3.79 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	3.74 ug/L	97973	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	87
3		Cyclohexane	84	C6H12	000110-82-7	80
4		Cyclopentane, methyl-	84	C6H12	000096-37-7	80
5		Cyclohexane	84	C6H12	000110-82-7	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100920\
Data File : VV018811.D
Acq On : 09 Oct 2020 12:04
Operator : SY/MD
Sample : L4239-12
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3P8

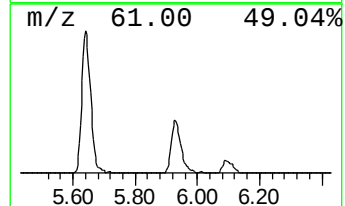
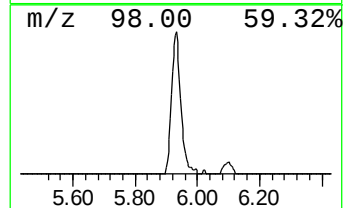
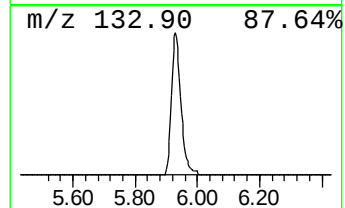
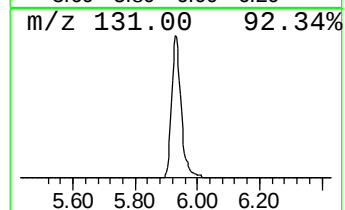
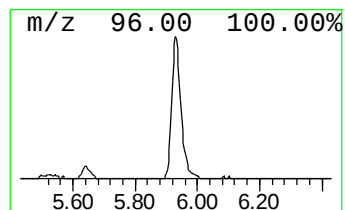
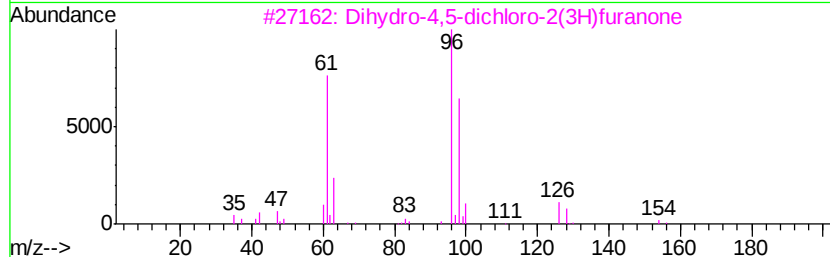
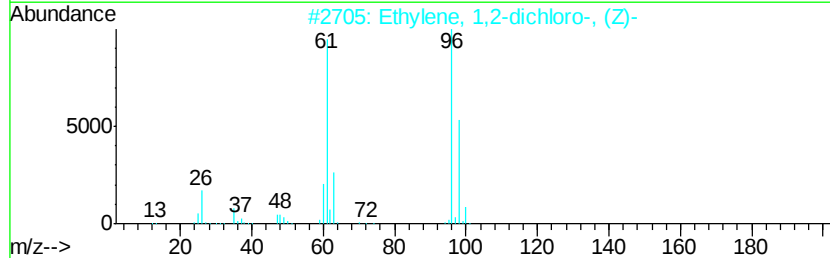
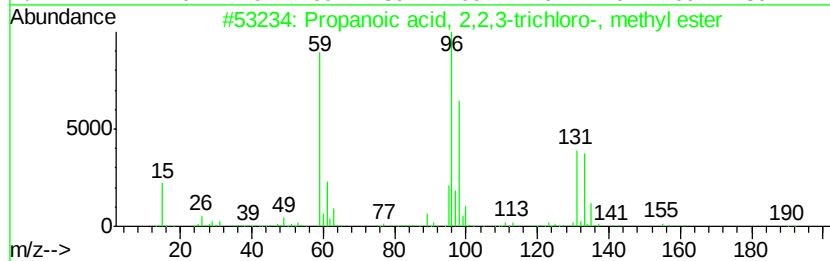
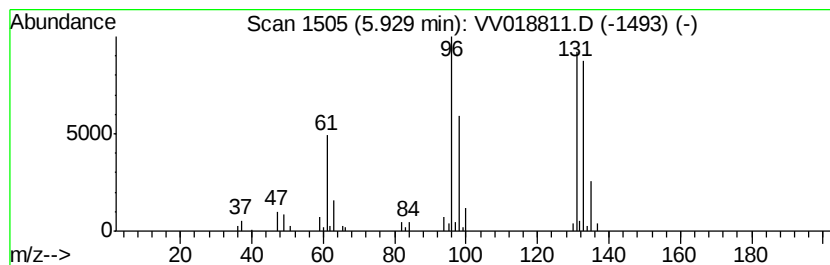
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Quant Title : VOC Analysis

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

Peak Number 4 Propanoic acid, 2,2,3-trich... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.96 ug/L	77410	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	56
2		Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
3		Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
4		Furfural	96	C5H4O2	000098-01-1	9
5		Furfural	96	C5H4O2	000098-01-1	9



Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
Data File : VV018811.D
Acq On : 09 Oct 2020 12:04
Operator : SY/MD
Sample : L4239-12
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3P8

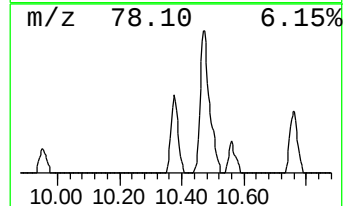
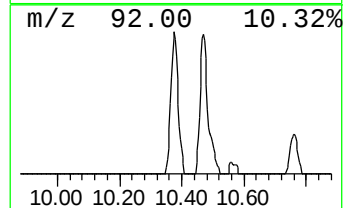
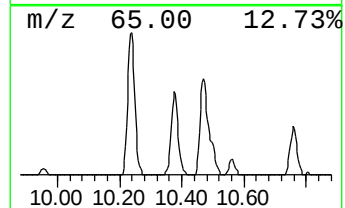
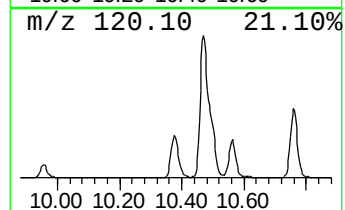
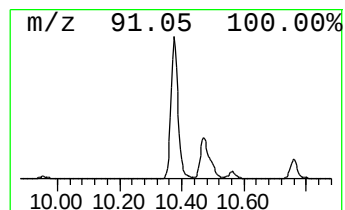
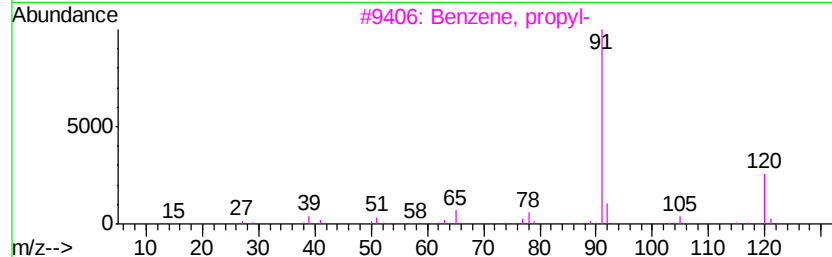
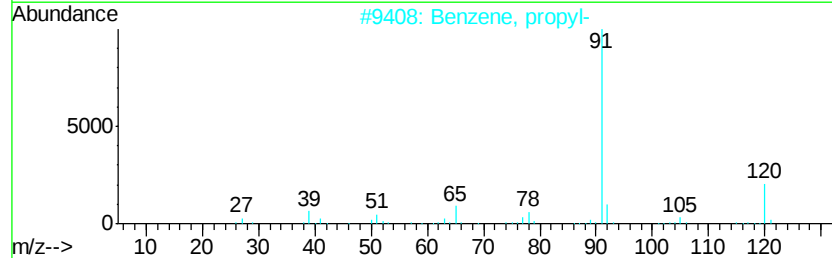
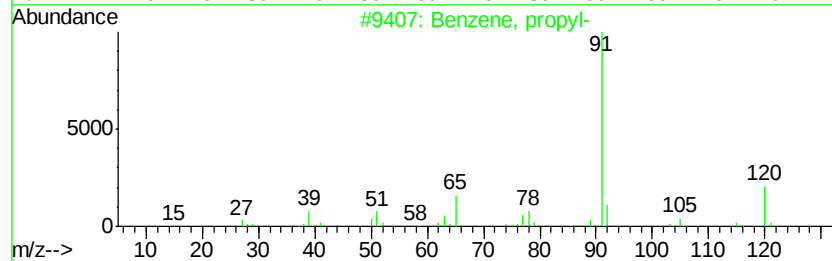
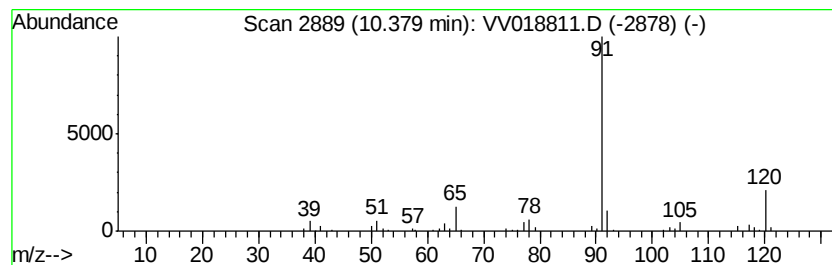
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	2.61 ug/L	86199	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	94
2		Benzene, propyl-	120	C9H12	000103-65-1	87
3		Benzene, propyl-	120	C9H12	000103-65-1	80
4		n-Butylbenzylamine	163	C11H17N	002403-22-7	72
5		1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100920\
Data File : VV018811.D
Acq On : 09 Oct 2020 12:04
Operator : SY/MD
Sample : L4239-12
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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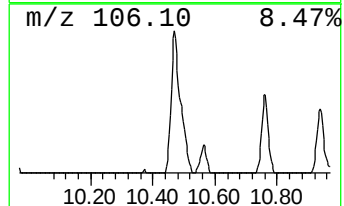
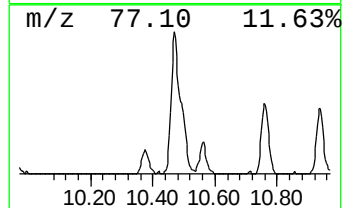
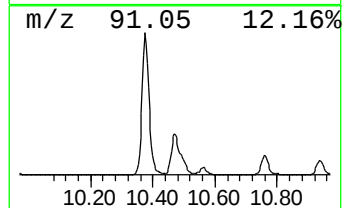
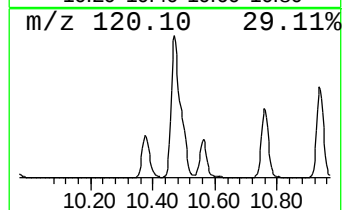
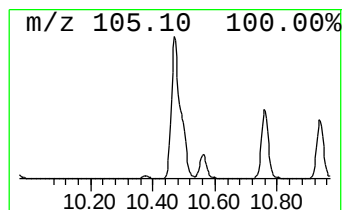
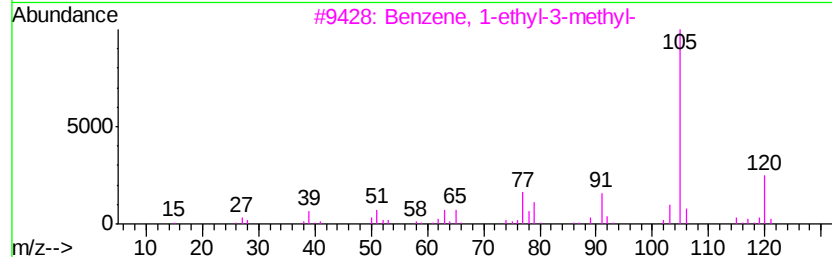
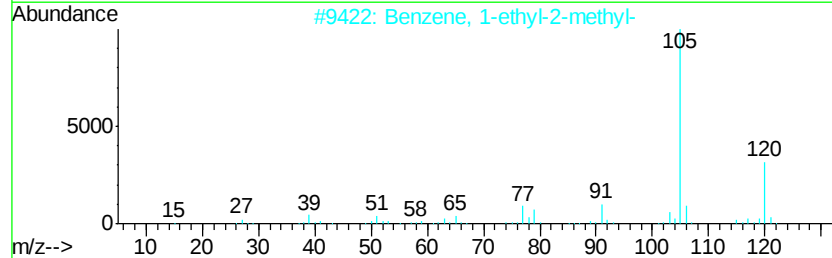
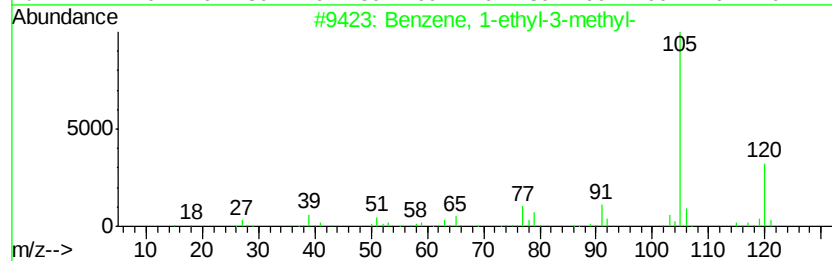
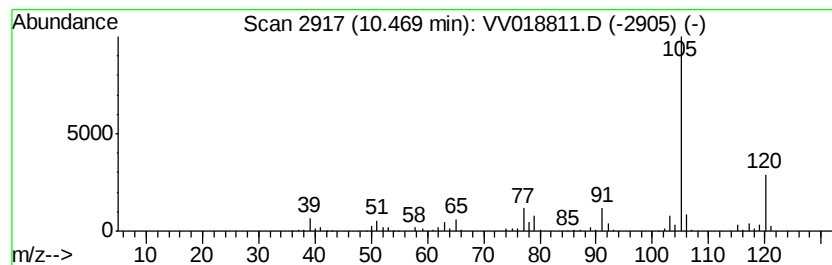
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	9.43 ug/L	311078	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	95
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100920\
Data File : VV018811.D
Acq On : 09 Oct 2020 12:04
Operator : SY/MD
Sample : L4239-12
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3P8

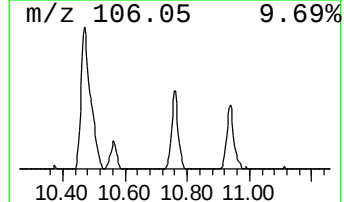
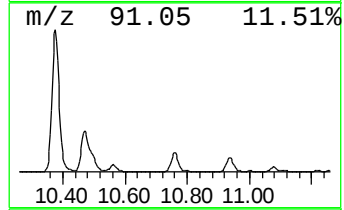
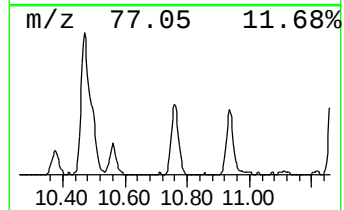
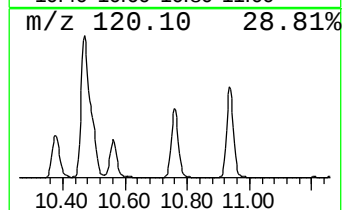
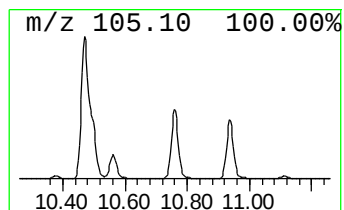
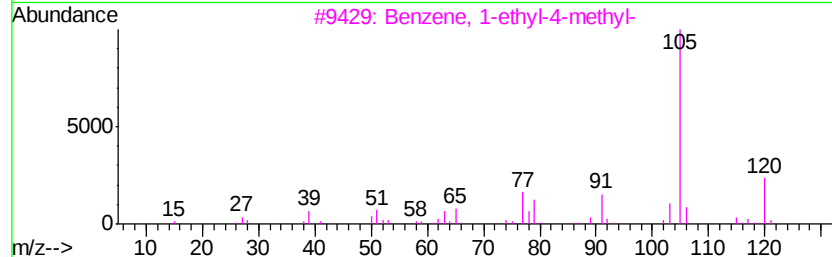
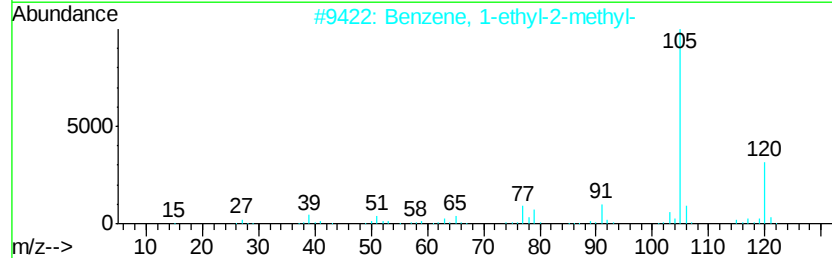
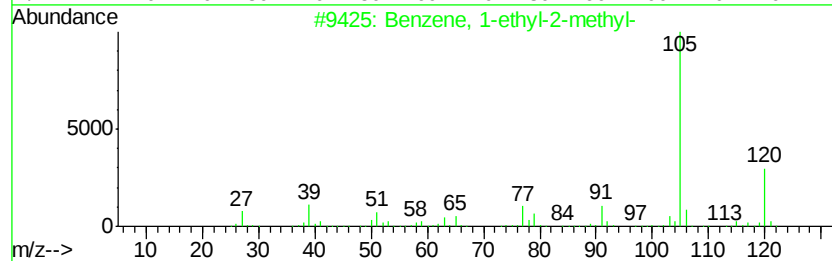
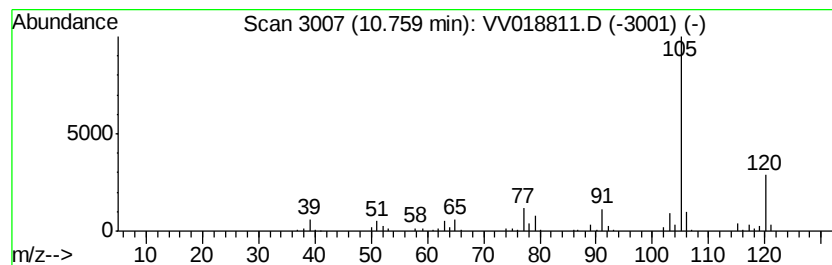
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	3.40 ug/L	112224	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100920\
Data File : VV018811.D
Acq On : 09 Oct 2020 12:04
Operator : SY/MD
Sample : L4239-12
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3P8

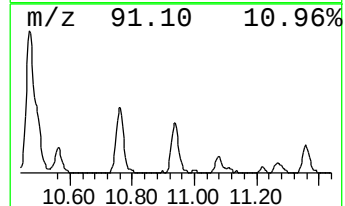
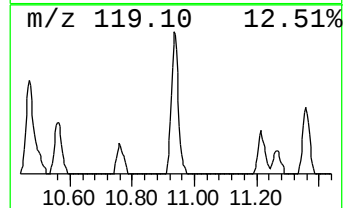
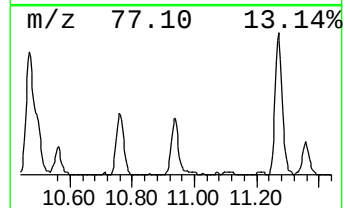
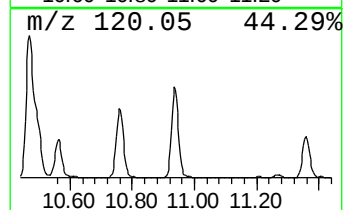
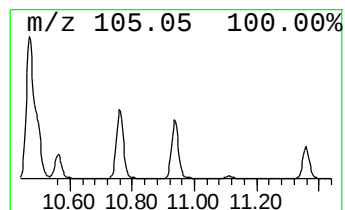
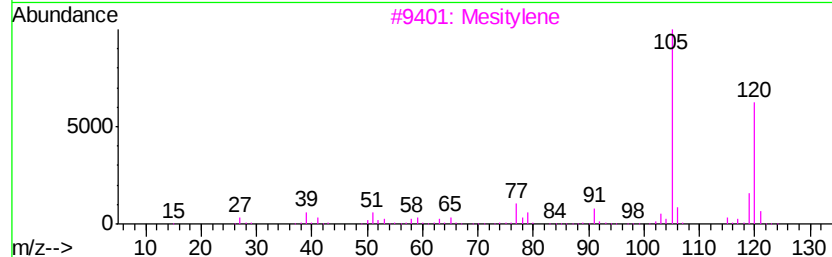
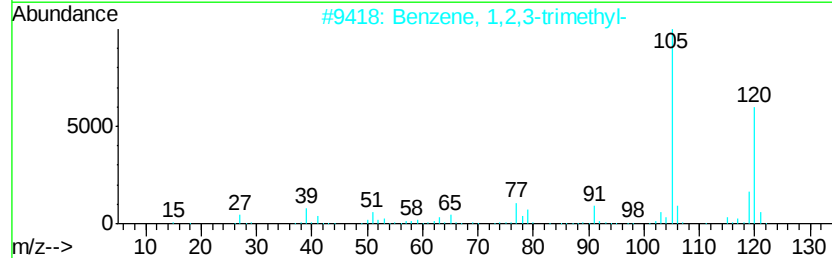
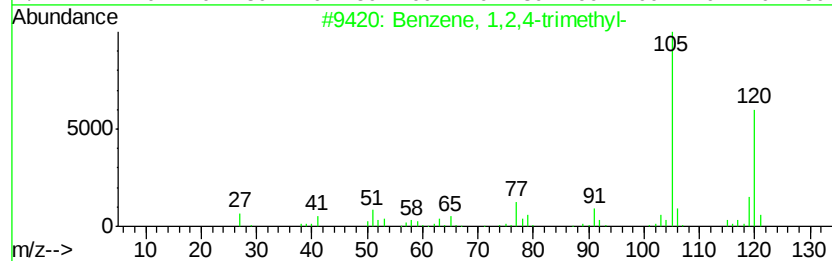
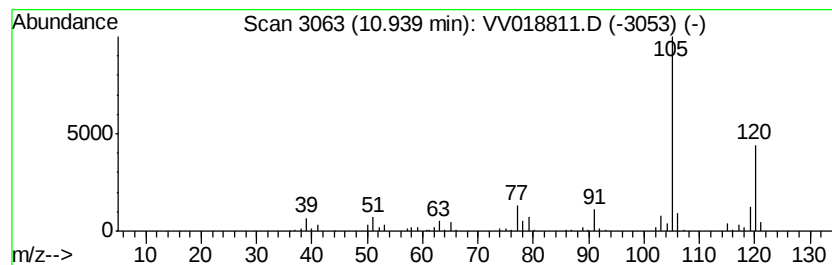
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Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	3.25 ug/L	107179	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3		Mesitylene	120	C9H12	000108-67-8	94
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:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018811.D
Acq On : 09 Oct 2020 12:04
Operator : SY/MD
Sample : L4239-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3P8

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	3.9	ug/L	103331	1	5.64	1309720	50.0
(DEL) Alkane: Str...	3.06	6.4	ug/L	168478	1	5.64	1309720	50.0
(DEL) Alkane: Cyc...	3.79	3.7	ug/L	97973	1	5.64	1309720	50.0
Propanoic acid, 2...	5.93	3.0	ug/L	77410	1	5.64	1309720	50.0
Benzene, propyl-	10.38	2.6	ug/L	86199	3	11.27	1648540	50.0
Benzene, 1-ethyl-...	10.47	9.4	ug/L	311078	3	11.27	1648540	50.0
Benzene, 1-ethyl-...	10.76	3.4	ug/L	112224	3	11.27	1648540	50.0
Benzene, 1,2,4-tr...	10.94	3.3	ug/L	107179	3	11.27	1648540	50.0