

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019540.D
 Acq On : 11 Dec 2020 04:14
 Operator : SY/MD
 Sample : L4955-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4J2

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\SOMVLM121020WMA.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	1.216	36	39	44	rBV2	9316	8081	0.04%	0.012%
2	1.309	61	68	80	rVB	357572	351880	1.73%	0.537%
3	1.569	142	149	162	rBV	280866	313545	1.55%	0.479%
4	1.637	165	170	180	rVB2	34016	41835	0.21%	0.064%
5	1.810	218	224	233	rVB	31035	39622	0.20%	0.060%
6	2.113	308	318	334	rBV	567158	853431	4.21%	1.303%
7	2.302	374	377	382	rBV5	1353	1151	0.01%	0.002%
8	2.447	414	422	427	rBV3	1982	3797	0.02%	0.006%
9	2.537	427	450	476	rVB	1196558	2309913	11.39%	3.527%
10	2.765	504	521	546	rBV	1949101	3876106	19.11%	5.918%
11	3.045	589	608	650	rBV	10220536	20285012	100.00%	30.970%
12	3.643	788	794	796	rBV5	1221	1152	0.01%	0.002%
13	3.685	796	807	810	rVV8	2314	3423	0.02%	0.005%
14	3.769	811	833	860	rVV	7668875	19406306	95.67%	29.629%
15	3.888	860	870	900	rVB	135959	371528	1.83%	0.567%
16	4.354	997	1015	1043	rBV	395495	969267	4.78%	1.480%
17	4.685	1099	1118	1137	rBV2	80716	206756	1.02%	0.316%
18	4.772	1142	1145	1152	rBV8	963	966	0.00%	0.001%
19	5.051	1209	1232	1263	rBV2	946142	2466434	12.16%	3.766%
20	5.450	1354	1356	1359	rVB3	859	552	0.00%	0.001%
21	5.482	1359	1366	1369	rBV6	1463	1579	0.01%	0.002%
22	5.553	1384	1388	1390	rBV3	700	555	0.00%	0.001%
23	5.621	1394	1409	1438	rBV	843470	1681896	8.29%	2.568%
24	5.749	1446	1449	1457	rVB8	1597	1937	0.01%	0.003%
25	5.842	1475	1478	1484	rVB7	978	1067	0.01%	0.002%
26	5.910	1490	1499	1517	rVB5	10445	22500	0.11%	0.034%
27	6.074	1536	1550	1576	rBV	551356	1125953	5.55%	1.719%
28	6.376	1642	1644	1649	rBV5	675	604	0.00%	0.001%
29	6.447	1661	1666	1672	rBV7	1086	1240	0.01%	0.002%
30	6.527	1686	1691	1692	rBV3	1134	783	0.00%	0.001%
31	6.781	1763	1770	1774	rBV6	1169	1146	0.01%	0.002%
32	6.939	1812	1819	1822	rBV6	1030	1249	0.01%	0.002%
33	6.990	1822	1835	1858	rBV	342067	616714	3.04%	0.942%
34	7.318	1924	1937	1970	rBV	1137485	2000395	9.86%	3.054%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : VOC Analysis

35	7.521	1997	2000	2001	rBV3	995	617	0.00%	0.001%
36	7.569	2012	2015	2021	rVV7	1212	1222	0.01%	0.002%
37	7.624	2021	2032	2059	rBV	240665	420428	2.07%	0.642%
38	7.868	2102	2108	2110	rBV5	891	790	0.00%	0.001%
39	7.942	2125	2131	2139	rVV5	3079	4578	0.02%	0.007%
40	7.981	2141	2143	2150	rVB6	1851	2151	0.01%	0.003%
41	8.019	2150	2155	2156	rBV4	1006	623	0.00%	0.001%
42	8.090	2166	2177	2208	rBV	567624	971056	4.79%	1.483%
43	8.254	2223	2228	2242	rVB4	5994	10380	0.05%	0.016%
44	8.376	2262	2266	2271	rBV6	1189	1377	0.01%	0.002%
45	8.540	2312	2317	2320	rVB3	1086	952	0.00%	0.001%
46	8.775	2385	2390	2394	rBV4	892	1106	0.01%	0.002%
47	8.855	2402	2415	2441	rBV	1261118	2036861	10.04%	3.110%
48	9.019	2462	2466	2475	rVB9	2356	3156	0.02%	0.005%
49	9.225	2526	2530	2536	rVB7	1507	1863	0.01%	0.003%
50	9.463	2599	2604	2608	rBV5	828	708	0.00%	0.001%
51	9.534	2620	2626	2627	rBV5	845	851	0.00%	0.001%
52	9.550	2628	2631	2632	rBV3	1377	753	0.00%	0.001%
53	9.820	2708	2715	2717	rBV4	1981	2510	0.01%	0.004%
54	9.900	2738	2740	2744	rBV4	686	597	0.00%	0.001%
55	10.026	2769	2779	2788	rVV6	3301	6025	0.03%	0.009%
56	10.222	2824	2840	2857	rBV	705587	1127261	5.56%	1.721%
57	10.328	2868	2873	2875	rBV4	901	707	0.00%	0.001%
58	10.382	2885	2890	2891	rBV4	2758	1994	0.01%	0.003%
59	10.505	2922	2928	2930	rBV5	1700	1663	0.01%	0.003%
60	10.521	2930	2933	2937	rVV5	1188	1115	0.01%	0.002%
61	10.665	2975	2978	2981	rVB3	873	596	0.00%	0.001%
62	10.887	3044	3047	3052	rBV4	690	681	0.00%	0.001%
63	10.932	3052	3061	3062	rBV7	2944	3125	0.02%	0.005%
64	11.048	3092	3097	3104	rBV6	2480	3158	0.02%	0.005%
65	11.087	3106	3109	3110	rBV3	1372	761	0.00%	0.001%
66	11.161	3121	3132	3139	rBV8	4214	7709	0.04%	0.012%
67	11.254	3149	3161	3182	rBV	1330468	2028578	10.00%	3.097%
68	11.411	3204	3210	3215	rVB6	1493	1770	0.01%	0.003%
69	11.437	3215	3218	3219	rBV3	1067	613	0.00%	0.001%
70	11.540	3240	3250	3261	rBV9	3360	7289	0.04%	0.011%
71	11.627	3264	3277	3299	rBV	1168556	1818322	8.96%	2.776%

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72	11.746	3312	3314	3317	rBV3	966	673	0.00%	0.001%
73	11.903	3359	3363	3369	rVB7	948	951	0.00%	0.001%
74	12.042	3403	3406	3409	rBV2	899	590	0.00%	0.001%
75	12.144	3434	3438	3443	rVB4	582	707	0.00%	0.001%
76	12.244	3462	3469	3473	rBV5	1752	2123	0.01%	0.003%
77	12.308	3485	3489	3493	rVV6	987	990	0.00%	0.002%
78	12.353	3493	3503	3516	rVV3	13513	22584	0.11%	0.034%
79	12.649	3591	3595	3605	rBV9	2721	3150	0.02%	0.005%
80	12.733	3617	3621	3624	rBV4	629	584	0.00%	0.001%
81	12.861	3656	3661	3664	rVB4	1127	895	0.00%	0.001%
82	12.884	3664	3668	3670	rBV5	675	585	0.00%	0.001%
83	12.935	3680	3684	3688	rVB5	1366	1135	0.01%	0.002%
84	12.974	3692	3696	3700	rVV4	897	817	0.00%	0.001%
85	13.106	3733	3737	3741	rVV5	630	566	0.00%	0.001%
86	13.199	3761	3766	3770	rBV5	936	1146	0.01%	0.002%
87	13.273	3782	3789	3795	rVB8	2916	3796	0.02%	0.006%
88	13.514	3856	3864	3871	rBV6	2202	3500	0.02%	0.005%
89	13.595	3886	3889	3892	rVB3	1083	683	0.00%	0.001%
90	13.617	3892	3896	3900	rBV5	1470	1468	0.01%	0.002%
91	13.755	3932	3939	3941	rBV8	1589	1989	0.01%	0.003%
92	13.935	3990	3995	3998	rBV4	1007	1096	0.01%	0.002%
93	13.987	4009	4011	4016	rVB5	954	753	0.00%	0.001%
94	14.009	4016	4018	4021	rBV2	857	548	0.00%	0.001%
95	14.167	4065	4067	4074	rBV7	614	665	0.00%	0.001%
96	14.244	4088	4091	4095	rVB4	1254	980	0.00%	0.001%
97	14.283	4099	4103	4106	rVB4	920	697	0.00%	0.001%
98	14.321	4111	4115	4116	rBV3	841	618	0.00%	0.001%
99	14.476	4160	4163	4164	rBV3	939	545	0.00%	0.001%
100	14.730	4239	4242	4247	rBV5	955	850	0.00%	0.001%

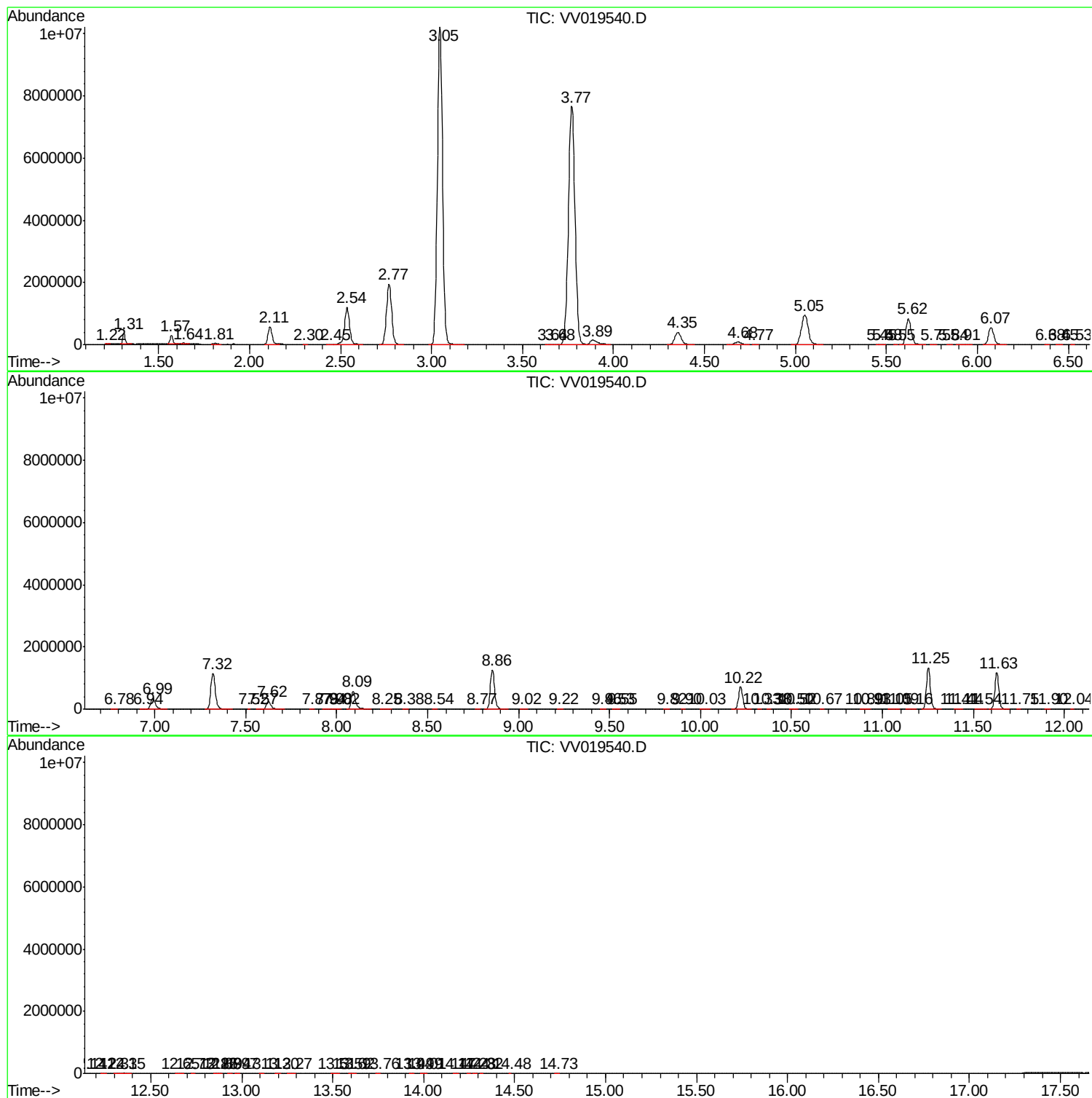
Sum of corrected areas: 65498005

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

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



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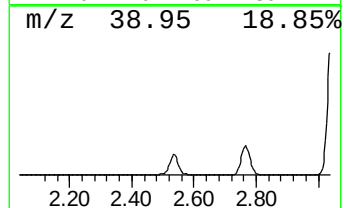
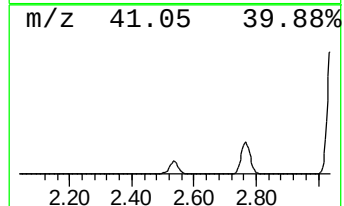
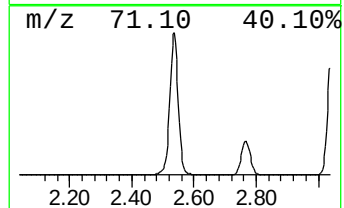
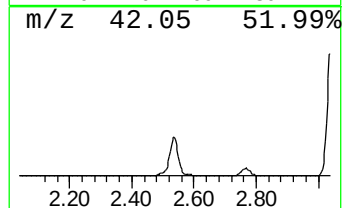
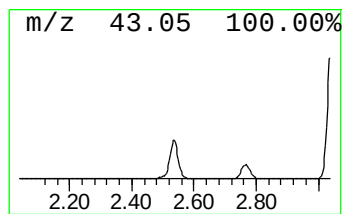
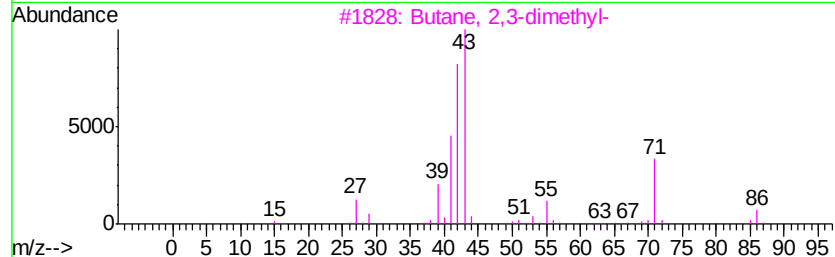
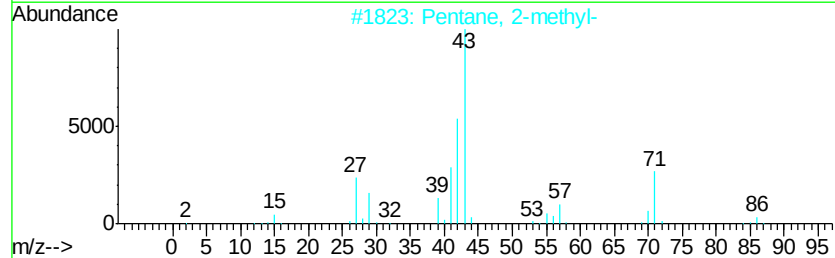
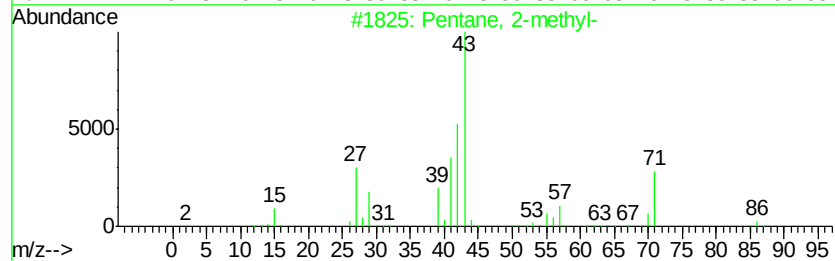
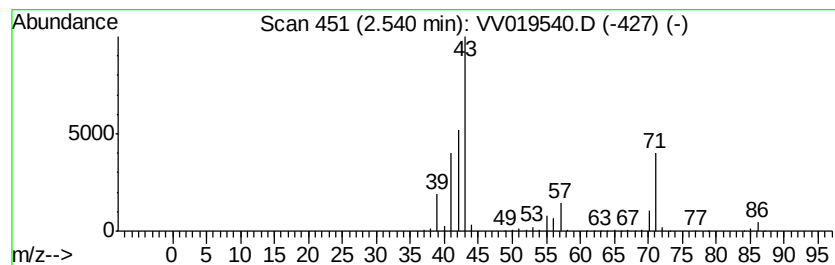
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

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.
2.54	68.67 ug/L	2309910	1,4-Difluorobenzene	5.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	49
4		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
5		Pentane	72	C5H12	000109-66-0	46



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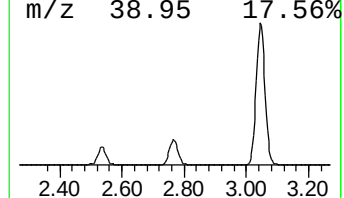
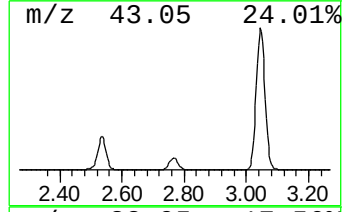
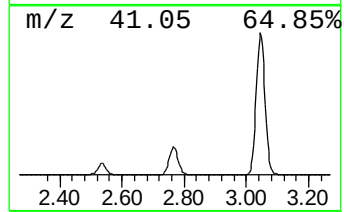
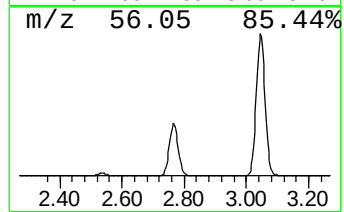
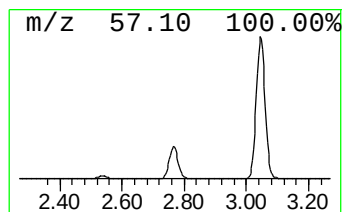
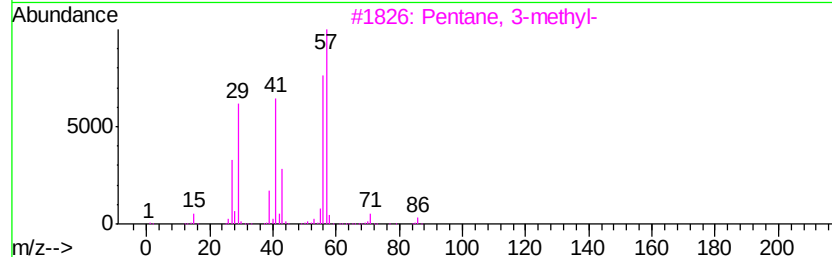
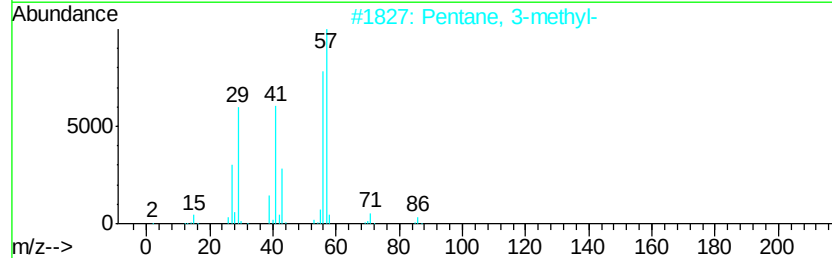
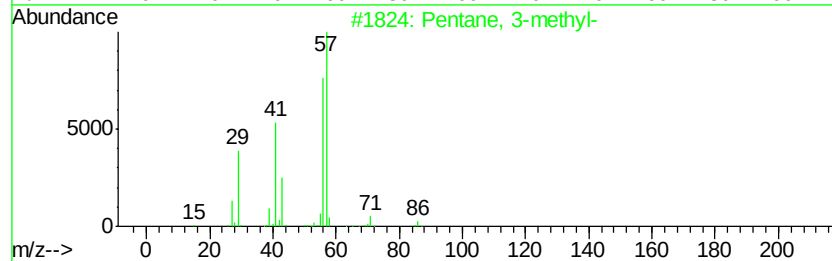
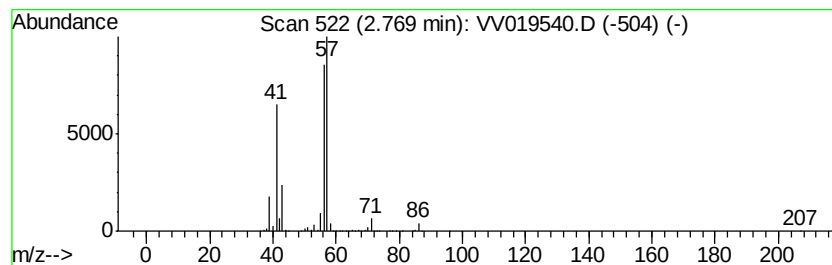
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	115.23 ug/L	3876110	1,4-Difluorobenzene	5.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2		Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	91
4		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64



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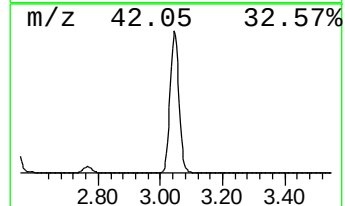
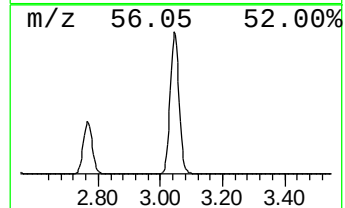
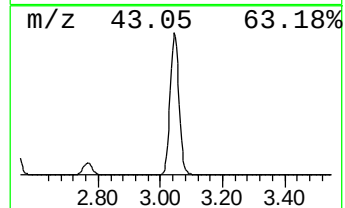
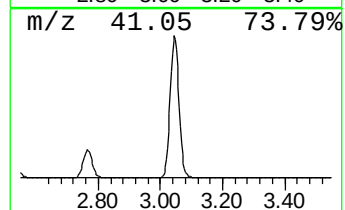
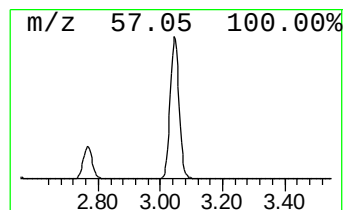
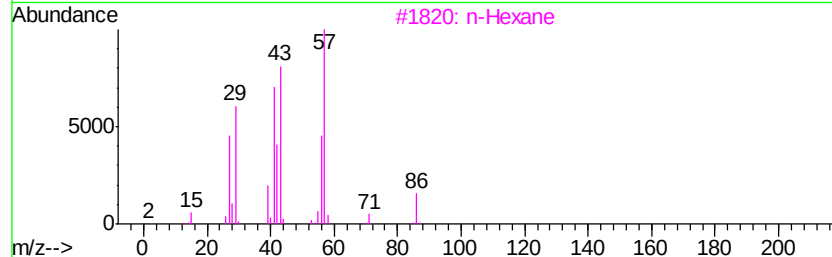
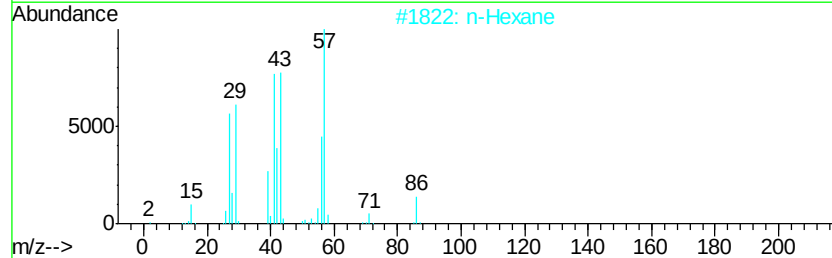
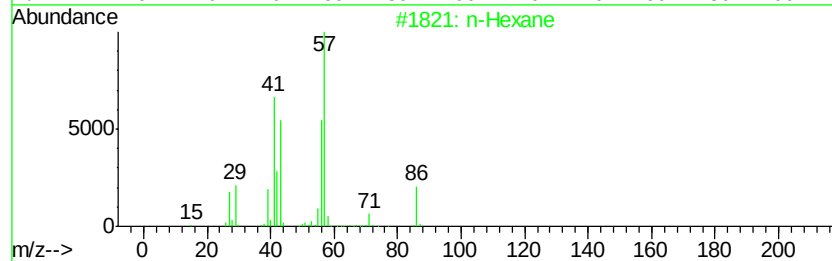
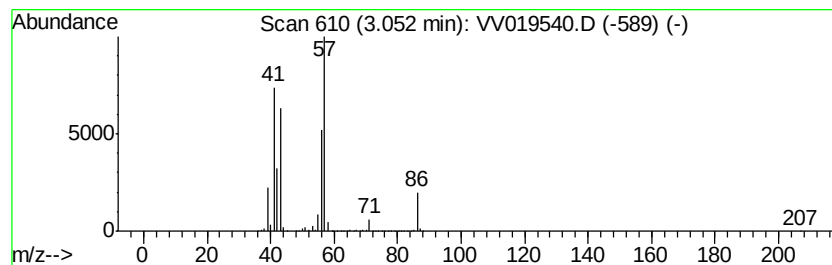
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Quant Title : VOC Analysis

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.
3.05	603.04 ug/L	20285000	1,4-Difluorobenzene	5.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	94
2		n-Hexane	86	C6H14	000110-54-3	72
3		n-Hexane	86	C6H14	000110-54-3	59
4		Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	43
5		Butanal, 2-methyl-	86	C5H10O	000096-17-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV121020\
Data File : VV019540.D
Acq On : 11 Dec 2020 04:14
Operator : SY/MD
Sample : L4955-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4J2

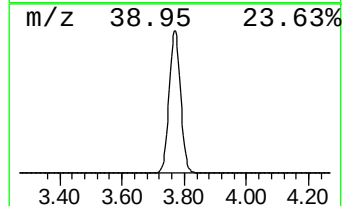
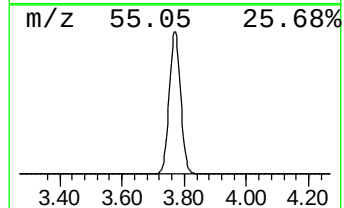
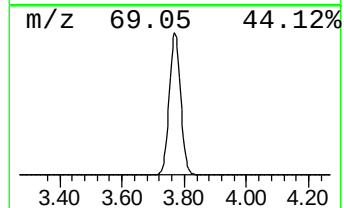
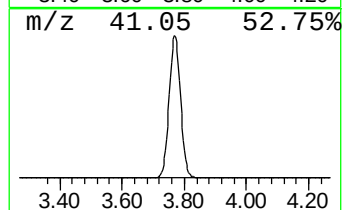
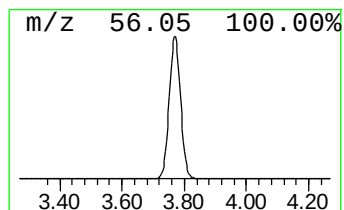
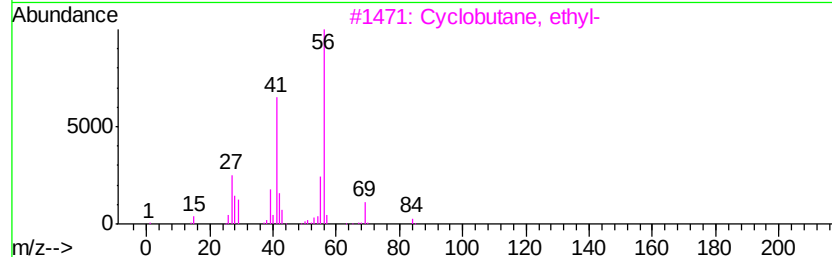
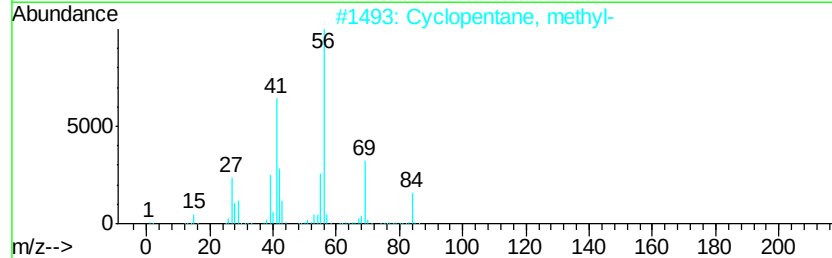
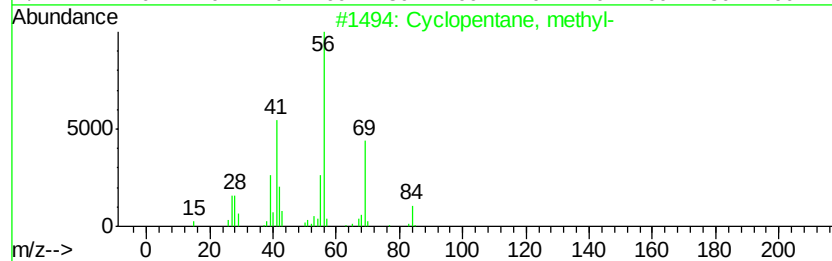
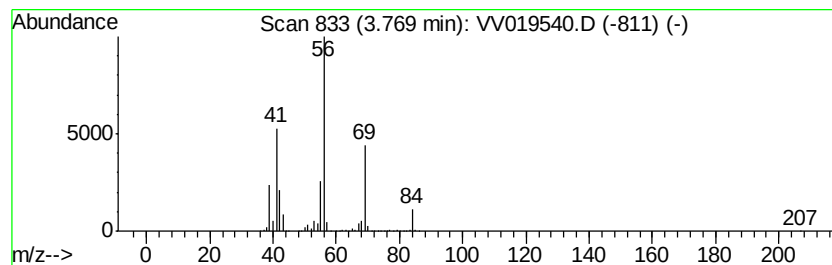
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic3.77 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	576.92 ug/L	19406300	1,4-Difluorobenzene	5.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3		Cyclobutane, ethyl-	84	C6H12	004806-61-5	80
4		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
5		Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121020\
Data File : VV019540.D
Acq On : 11 Dec 2020 04:14
Operator : SY/MD
Sample : L4955-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4J2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

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

					--Internal Standard--				
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc	
(DEL) Alkane: Str...	2.54	68.7	ug/L	2309910	1	5.62	1681900	50.0	
(DEL) Alkane: Str...	2.77	115.2	ug/L	3876110	1	5.62	1681900	50.0	
(DEL) Alkane: Str...	3.05	603.0	ug/L	20285000	1	5.62	1681900	50.0	
(DEL) Alkane: Cyc...	3.77	576.9	ug/L	19406300	1	5.62	1681900	50.0	