

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
 Data File : VV010838.D
 Acq On : 11 May 2019 03:39
 Operator : SY/MD
 Sample : K2692-27
 Misc : 5.50G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5189

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\SOM2VLM050719S.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	1.113	3	7	20	rVB	35378	32491	9.13%	1.138%
2	1.306	59	67	75	rBV2	68236	102227	28.73%	3.580%
3	1.566	142	148	161	rVB	40142	49384	13.88%	1.730%
4	2.119	309	320	330	rBV	86624	124026	34.86%	4.344%
5	2.306	368	378	391	rBV	13444	20293	5.70%	0.711%
6	2.425	413	415	416	rBV	211	82	0.02%	0.003%
7	2.666	480	490	506	rVB	14142	27033	7.60%	0.947%
8	2.772	519	523	526	rBV3	773	655	0.18%	0.023%
9	2.901	560	563	564	rBV	245	159	0.04%	0.006%
10	2.975	573	586	599	rBV5	3417	7342	2.06%	0.257%
11	3.065	605	614	616	rBV3	2282	2818	0.79%	0.099%
12	3.225	662	664	668	rBV3	483	426	0.12%	0.015%
13	3.348	698	702	706	rVB2	200	173	0.05%	0.006%
14	3.409	720	721	726	rBV3	318	182	0.05%	0.006%
15	3.431	726	728	731	rBV	151	105	0.03%	0.004%
16	3.450	731	734	736	rBV2	220	136	0.04%	0.005%
17	3.479	739	743	749	rVB4	538	541	0.15%	0.019%
18	3.534	757	760	763	rBV2	223	143	0.04%	0.005%
19	3.602	779	781	787	rVB3	436	285	0.08%	0.010%
20	3.704	809	813	814	rBV	261	169	0.05%	0.006%
21	3.926	873	882	902	rBV	13405	31764	8.93%	1.112%
22	4.119	937	942	944	rBV	257	216	0.06%	0.008%
23	4.187	958	963	965	rBV2	176	174	0.05%	0.006%
24	4.209	968	970	972	rBV2	229	153	0.04%	0.005%
25	4.245	977	981	988	rBV	261	355	0.10%	0.012%
26	4.283	988	993	995	rBV	339	221	0.06%	0.008%
27	4.303	995	999	1002	rBV	453	501	0.14%	0.018%
28	4.393	1009	1027	1053	rBV2	64793	161391	45.36%	5.652%
29	4.534	1069	1071	1074	rVB	220	110	0.03%	0.004%
30	4.553	1074	1077	1078	rBV	233	135	0.04%	0.005%
31	4.602	1090	1092	1095	rBV	179	115	0.03%	0.004%
32	4.695	1119	1121	1122	rBV2	344	155	0.04%	0.005%
33	4.772	1142	1145	1146	rBV	281	145	0.04%	0.005%
34	4.823	1156	1161	1163	rVB3	358	208	0.06%	0.007%

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35	4.913	1185	1189	1192	rVB2	181	161	0.05%	0.006%
36	4.933	1192	1195	1196	rBV2	313	198	0.06%	0.007%
37	4.952	1198	1201	1204	rBV4	465	322	0.09%	0.011%
38	5.020	1218	1222	1226	rBV2	157	137	0.04%	0.005%
39	5.090	1226	1244	1256	rBV2	139063	355829	100.00%	12.462%
40	5.354	1319	1326	1330	rBV6	1169	1433	0.40%	0.050%
41	5.466	1359	1361	1367	rVB2	172	116	0.03%	0.004%
42	5.534	1373	1382	1391	rBV4	3053	5681	1.60%	0.199%
43	5.659	1407	1421	1440	rBV	112915	227999	64.08%	7.985%
44	5.920	1489	1502	1511	rBV3	3645	7645	2.15%	0.268%
45	6.068	1546	1548	1549	rBV	217	85	0.02%	0.003%
46	6.113	1549	1562	1581	rVV	86590	175171	49.23%	6.135%
47	6.399	1649	1651	1655	rBV	570	388	0.11%	0.014%
48	6.438	1655	1663	1665	rBV3	1941	2462	0.69%	0.086%
49	6.528	1689	1691	1694	rBV	307	193	0.05%	0.007%
50	6.547	1694	1697	1702	rVV	178	238	0.07%	0.008%
51	6.601	1711	1714	1717	rBV3	764	601	0.17%	0.021%
52	6.688	1738	1741	1743	rBV3	380	249	0.07%	0.009%
53	6.772	1762	1767	1770	rBV2	453	463	0.13%	0.016%
54	6.791	1770	1773	1779	rVB3	716	641	0.18%	0.022%
55	6.839	1780	1788	1789	rBV3	715	632	0.18%	0.022%
56	6.958	1817	1825	1833	rBV6	2400	4656	1.31%	0.163%
57	7.026	1837	1846	1864	rVB2	40926	73768	20.73%	2.584%
58	7.132	1867	1879	1892	rBV3	4917	11944	3.36%	0.418%
59	7.357	1924	1949	1964	rBV	148864	274583	77.17%	9.616%
60	7.659	2036	2043	2061	rVB2	27504	47392	13.32%	1.660%
61	7.823	2092	2094	2097	rBV2	464	343	0.10%	0.012%
62	7.878	2103	2111	2112	rBV5	1480	1462	0.41%	0.051%
63	8.074	2171	2172	2175	rBV2	225	111	0.03%	0.004%
64	8.129	2179	2189	2203	rBV2	54548	93184	26.19%	3.263%
65	8.498	2302	2304	2307	rBV	459	322	0.09%	0.011%
66	8.595	2330	2334	2335	rBV	338	200	0.06%	0.007%
67	8.653	2350	2352	2353	rBV	396	131	0.04%	0.005%
68	8.679	2353	2360	2362	rBV5	1325	1610	0.45%	0.056%
69	8.749	2379	2382	2384	rBV3	822	587	0.16%	0.021%
70	8.894	2417	2427	2452	rBV	172440	283835	79.77%	9.940%
71	9.180	2509	2516	2526	rVB3	15380	23348	6.56%	0.818%

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72	9.312	2555	2557	2561	rBV3	730	433	0.12%	0.015%
73	9.367	2564	2574	2581	rBV6	2133	3391	0.95%	0.119%
74	9.711	2680	2681	2682	rBV	413	157	0.04%	0.005%
75	10.261	2842	2852	2868	rVB	85000	135641	38.12%	4.750%
76	10.492	2917	2924	2938	rBV6	7968	13841	3.89%	0.485%
77	11.293	3163	3173	3192	rBV	155493	254682	71.57%	8.919%
78	11.672	3280	3291	3306	rVB	151908	246312	69.22%	8.626%
79	12.450	3530	3533	3536	rBV4	1054	915	0.26%	0.032%
80	12.514	3546	3553	3559	rBV6	2596	3623	1.02%	0.127%
81	12.717	3611	3616	3625	rVB7	1858	2928	0.82%	0.103%
82	12.775	3626	3634	3640	rBV7	3443	4970	1.40%	0.174%
83	12.823	3647	3649	3650	rBV	462	193	0.05%	0.007%
84	13.096	3730	3734	3742	rBV5	991	1178	0.33%	0.041%
85	13.199	3764	3766	3767	rBV2	508	213	0.06%	0.007%
86	13.264	3779	3786	3793	rVB5	2846	3768	1.06%	0.132%
87	13.315	3796	3802	3807	rBV7	2095	2300	0.65%	0.081%
88	13.418	3829	3834	3840	rBV6	1515	1801	0.51%	0.063%
89	13.550	3870	3875	3883	rVV4	2279	2882	0.81%	0.101%
90	13.588	3885	3887	3890	rVB2	559	256	0.07%	0.009%
91	13.752	3935	3938	3942	rBV4	1034	1001	0.28%	0.035%
92	13.797	3948	3952	3953	rBV2	539	371	0.10%	0.013%
93	14.093	4031	4044	4052	rBV2	5081	9324	2.62%	0.327%
94	14.241	4088	4090	4093	rVB	546	223	0.06%	0.008%
95	14.276	4096	4101	4104	rBV2	847	831	0.23%	0.029%
96	14.344	4120	4122	4123	rBV	775	302	0.08%	0.011%
97	14.550	4184	4186	4190	rBV2	365	309	0.09%	0.011%
98	14.659	4217	4220	4223	rBV	645	439	0.12%	0.015%
99	14.733	4240	4243	4246	rBV2	586	528	0.15%	0.018%
100	14.891	4291	4292	4294	rBV2	245	103	0.03%	0.004%

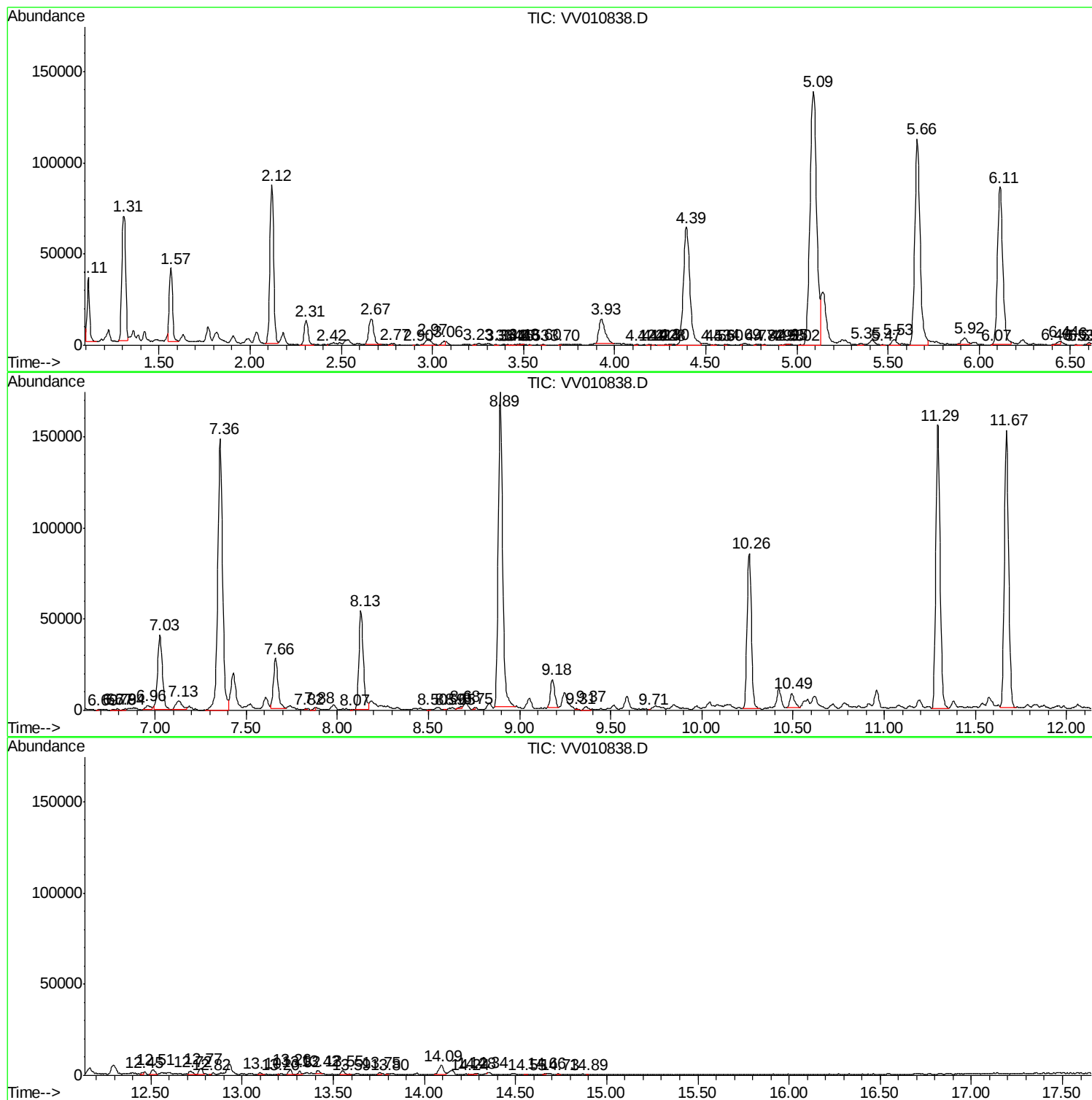
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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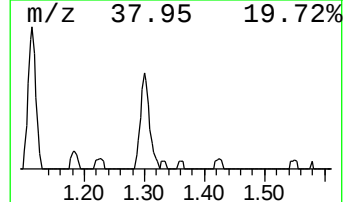
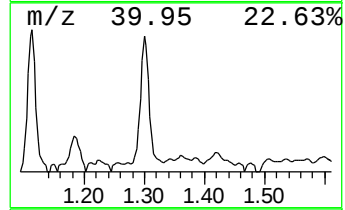
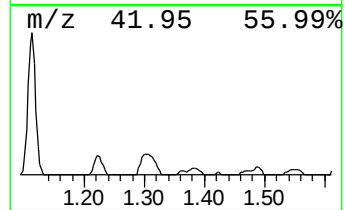
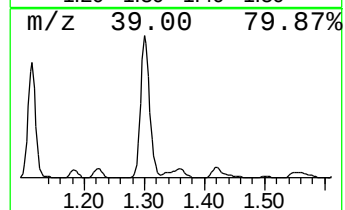
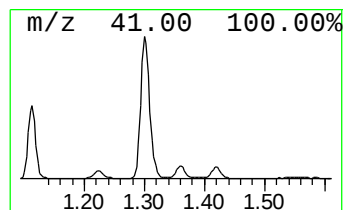
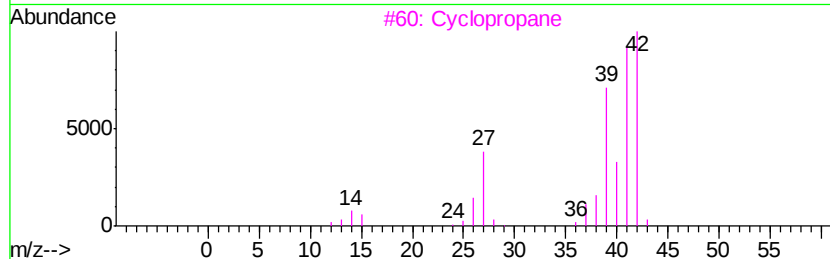
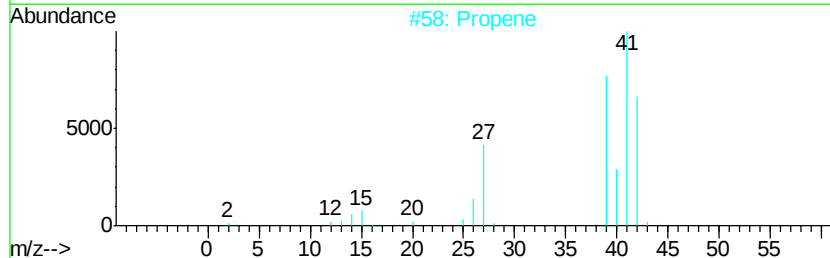
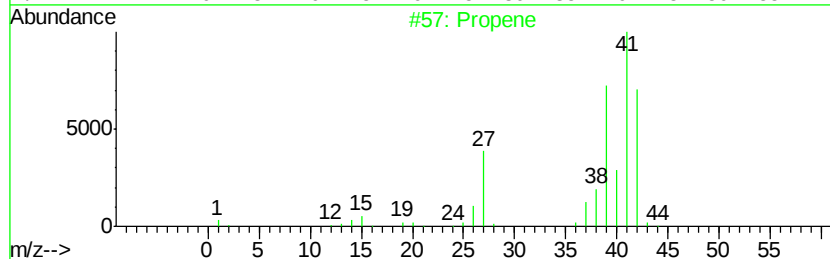
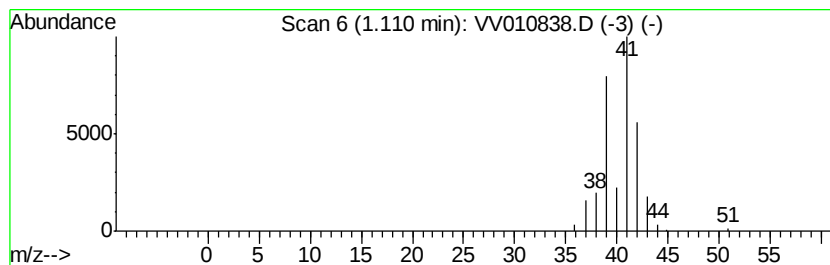
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	3.56 ug/L	32491	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	83
2	Propene	42	C3H6	000115-07-1	45
3	Cyclopropane	42	C3H6	000075-19-4	43
4	Cyclopropane	42	C3H6	000075-19-4	43
5	Cyclopropene	40	C3H4	002781-85-3	9



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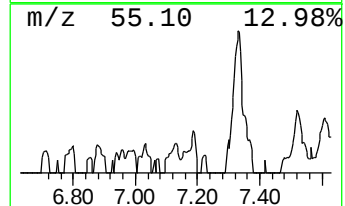
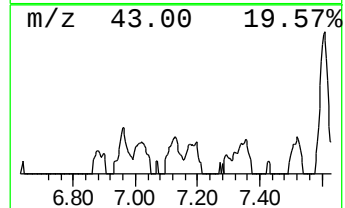
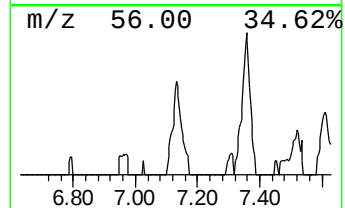
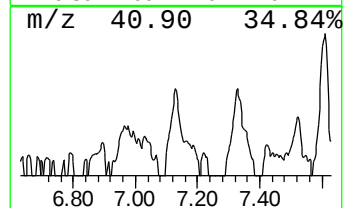
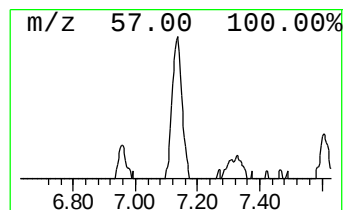
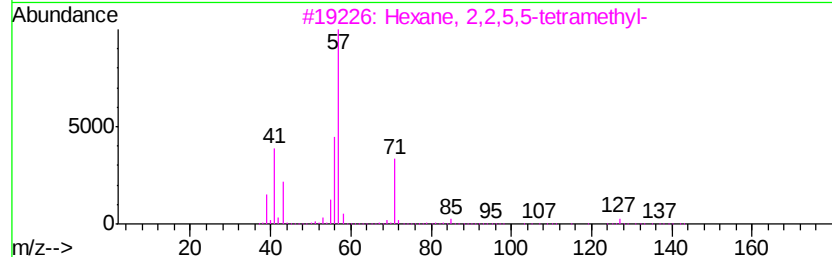
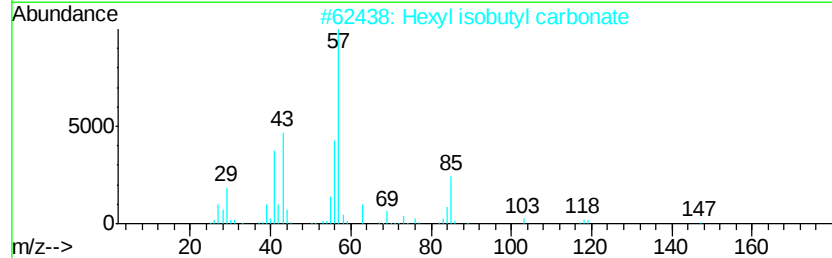
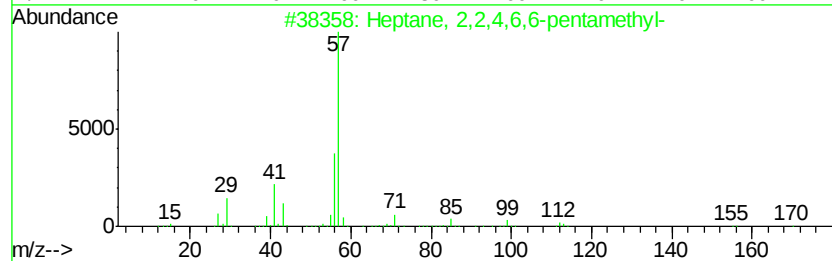
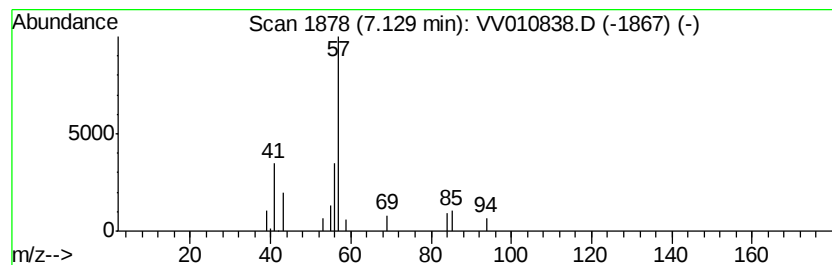
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	1.31 ug/L	11944	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	9
2		Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	9
3		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	9
4		Methane, isocyanato-	57	C2H3NO	000624-83-9	7
5		Methane, isocyanato-	57	C2H3NO	000624-83-9	5



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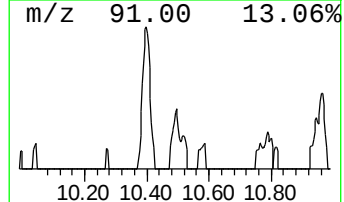
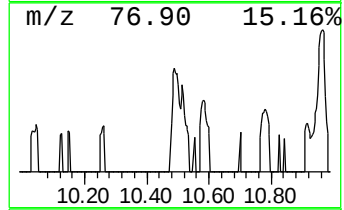
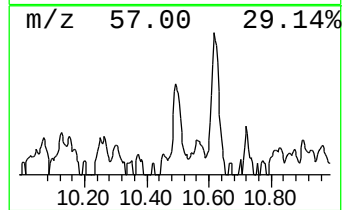
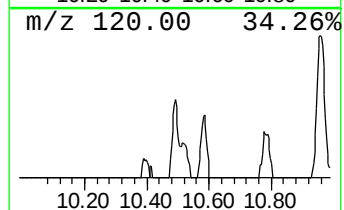
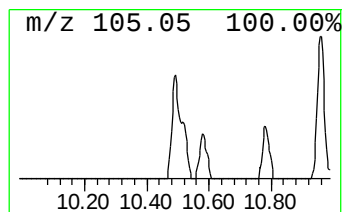
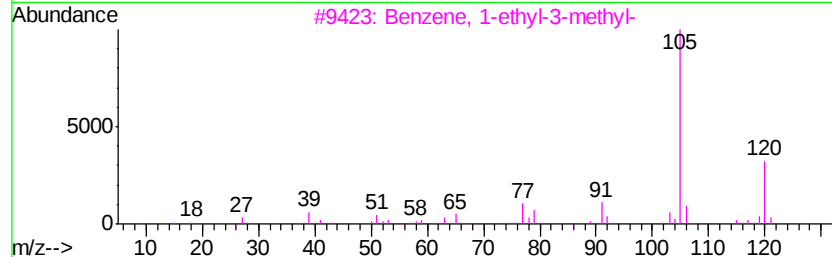
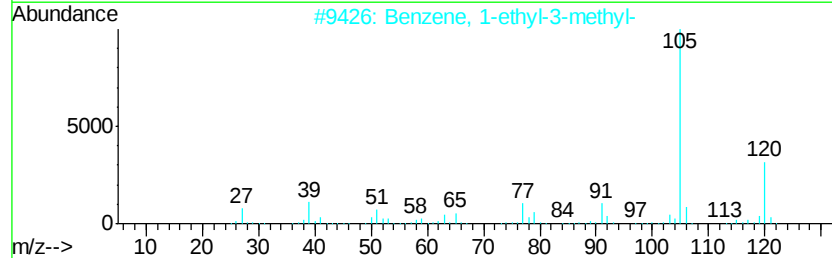
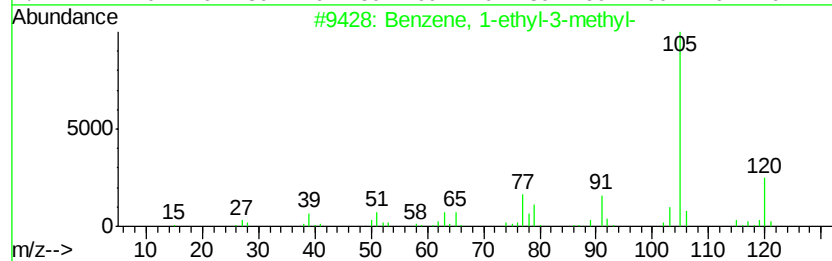
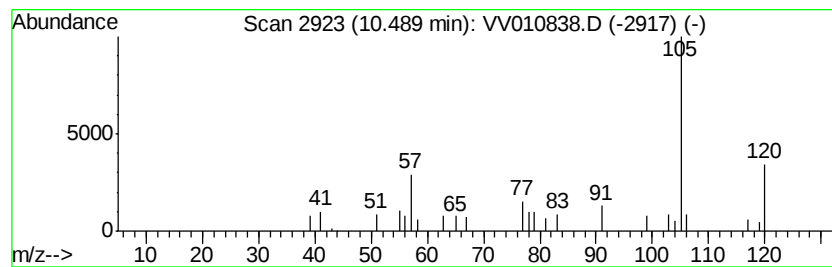
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Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	1.36 ug/L	13841	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	74
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV050919\
Data File : VV010838.D
Acq On : 11 May 2019 03:39
Operator : SY/MD
Sample : K2692-27
Misc : 5.50G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5189

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.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...	1.11	3.6	ug/L	32491	1	5.66	227999	25.0
(DEL) Alkane: Str...	7.13	1.3	ug/L	11944	1	5.66	227999	25.0
Benzene, 1-ethyl-...	10.49	1.4	ug/L	13841	3	11.30	254682	25.0