

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\
 Data File : VV010740.D
 Acq On : 08 May 2019 22:08
 Operator : SY/MD
 Sample : K2690-18
 Misc : 5.98G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5164

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	2.132	316	324	336	rVB2	8139	11581	27.34%	3.913%
2	2.196	337	344	351	rBV2	1384	2082	4.91%	0.703%
3	2.312	377	380	382	rBV2	309	228	0.54%	0.077%
4	2.540	440	451	461	rBV3	1559	2405	5.68%	0.813%
5	2.589	463	466	468	rBV	225	148	0.35%	0.050%
6	2.631	474	479	482	rVB	207	180	0.42%	0.061%
7	2.656	482	487	492	rBV2	200	296	0.70%	0.100%
8	2.724	504	508	514	rBV2	213	264	0.62%	0.089%
9	2.788	524	528	534	rVB	311	307	0.72%	0.104%
10	2.820	534	538	541	rBV2	200	158	0.37%	0.053%
11	2.846	543	546	549	rVB	263	142	0.34%	0.048%
12	2.930	570	572	577	rVV2	164	141	0.33%	0.048%
13	2.975	582	586	588	rBV2	202	141	0.33%	0.048%
14	3.113	627	629	633	rBV2	212	134	0.32%	0.045%
15	3.187	649	652	654	rBV2	274	169	0.40%	0.057%
16	3.254	669	673	677	rVV3	422	295	0.70%	0.100%
17	3.274	677	679	682	rVB2	304	190	0.45%	0.064%
18	3.299	682	687	688	rBV	224	155	0.37%	0.052%
19	3.389	712	715	720	rVB2	290	253	0.60%	0.085%
20	3.576	767	773	774	rBV	284	229	0.54%	0.077%
21	3.778	832	836	842	rVB2	292	285	0.67%	0.096%
22	3.811	842	846	850	rBV2	199	205	0.48%	0.069%
23	3.942	879	887	889	rBV2	1604	2193	5.18%	0.741%
24	4.145	946	950	956	rBV2	240	305	0.72%	0.103%
25	4.222	972	974	977	rVB2	361	167	0.39%	0.056%
26	4.245	977	981	984	rBV	295	213	0.50%	0.072%
27	4.283	988	993	996	rBV2	246	241	0.57%	0.081%
28	4.402	1018	1030	1048	rBV3	7707	19252	45.45%	6.505%
29	4.495	1056	1059	1061	rBV	276	158	0.37%	0.053%
30	4.537	1068	1072	1074	rBV	171	133	0.31%	0.045%
31	4.550	1074	1076	1084	rVB	257	250	0.59%	0.084%
32	4.711	1123	1126	1127	rBV	271	153	0.36%	0.052%
33	4.791	1148	1151	1153	rVB	224	141	0.33%	0.048%
34	4.833	1160	1164	1166	rBV2	254	197	0.47%	0.067%

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 Title : VOC Analysis

35	4.949	1193	1200	1204	rBV2	261	408	0.96%	0.138%
36	5.097	1231	1246	1265	rBV5	16282	42361	100.00%	14.313%
37	5.344	1320	1323	1326	rBV2	215	144	0.34%	0.049%
38	5.431	1345	1350	1353	rBV2	191	189	0.45%	0.064%
39	5.470	1360	1362	1366	rVB	224	142	0.34%	0.048%
40	5.492	1366	1369	1371	rBV	295	178	0.42%	0.060%
41	5.605	1400	1404	1407	rBV	225	216	0.51%	0.073%
42	5.666	1413	1423	1439	rBV	13442	25462	60.11%	8.603%
43	5.807	1461	1467	1469	rBV2	250	223	0.53%	0.075%
44	5.926	1491	1504	1513	rBV4	4943	10027	23.67%	3.388%
45	6.000	1524	1527	1531	rBV	224	190	0.45%	0.064%
46	6.122	1554	1565	1579	rVB4	9982	19954	47.10%	6.742%
47	6.241	1595	1602	1611	rVB7	1731	2828	6.68%	0.956%
48	6.431	1658	1661	1663	rBV2	276	188	0.44%	0.064%
49	6.505	1681	1684	1687	rBV2	341	227	0.54%	0.077%
50	6.679	1735	1738	1743	rVB2	276	252	0.59%	0.085%
51	6.707	1743	1747	1750	rBV2	191	158	0.37%	0.053%
52	6.830	1781	1785	1792	rBV2	226	222	0.52%	0.075%
53	6.888	1800	1803	1806	rBV2	318	252	0.59%	0.085%
54	6.949	1816	1822	1825	rBV	180	191	0.45%	0.065%
55	6.974	1827	1830	1833	rBV	271	171	0.40%	0.058%
56	7.032	1839	1848	1861	rBV3	4216	6812	16.08%	2.302%
57	7.138	1877	1881	1888	rBV	153	184	0.43%	0.062%
58	7.174	1888	1892	1897	rBV2	241	253	0.60%	0.085%
59	7.312	1931	1935	1937	rBV	244	201	0.47%	0.068%
60	7.360	1940	1950	1968	rVV	15806	28154	66.46%	9.513%
61	7.460	1977	1981	1984	rBV2	378	302	0.71%	0.102%
62	7.537	2002	2005	2007	rBV2	190	153	0.36%	0.052%
63	7.605	2018	2026	2030	rBV2	400	549	1.30%	0.186%
64	7.666	2038	2045	2054	rBV2	2339	3474	8.20%	1.174%
65	7.775	2073	2079	2082	rBV	261	196	0.46%	0.066%
66	7.871	2105	2109	2114	rBV	192	138	0.33%	0.047%
67	7.897	2114	2117	2120	rBV2	198	138	0.33%	0.047%
68	7.978	2138	2142	2143	rBV	282	198	0.47%	0.067%
69	8.103	2175	2181	2182	rBV	211	209	0.49%	0.071%
70	8.145	2184	2194	2205	rBV4	3687	8398	19.82%	2.838%
71	8.235	2219	2222	2224	rBV2	292	169	0.40%	0.057%

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72	8.293	2234	2240	2244	rBV3	678	810	1.91%	0.274%
73	8.531	2311	2314	2319	rBV2	220	223	0.53%	0.075%
74	8.617	2335	2341	2345	rBV2	255	277	0.65%	0.094%
75	8.662	2353	2355	2361	rBV2	216	216	0.51%	0.073%
76	8.762	2378	2386	2390	rBV2	287	399	0.94%	0.135%
77	8.801	2390	2398	2402	rVB2	340	477	1.13%	0.161%
78	8.839	2403	2410	2414	rBV2	185	208	0.49%	0.070%
79	8.897	2418	2428	2443	rBV2	17337	29426	69.46%	9.943%
80	9.087	2483	2487	2490	rVB2	221	163	0.38%	0.055%
81	9.370	2573	2575	2578	rBV2	266	174	0.41%	0.059%
82	9.746	2689	2692	2697	rBV2	519	446	1.05%	0.151%
83	9.804	2706	2710	2714	rBV2	260	318	0.75%	0.107%
84	9.833	2714	2719	2720	rBV	224	164	0.39%	0.055%
85	9.871	2728	2731	2733	rBV	240	142	0.34%	0.048%
86	9.994	2763	2769	2772	rBV2	277	282	0.67%	0.095%
87	10.103	2801	2803	2806	rBV2	273	210	0.50%	0.071%
88	10.132	2810	2812	2815	rVB3	374	184	0.43%	0.062%
89	10.260	2843	2852	2865	rBV3	11448	17739	41.88%	5.994%
90	10.389	2888	2892	2896	rBV2	376	386	0.91%	0.130%
91	10.624	2958	2965	2977	rVB5	2887	4457	10.52%	1.506%
92	10.916	3051	3056	3057	rBV2	881	642	1.52%	0.217%
93	11.206	3139	3146	3154	rVB6	1130	1680	3.97%	0.568%
94	11.302	3164	3176	3186	rBV2	9106	15792	37.28%	5.336%
95	11.450	3218	3222	3226	rBV2	241	207	0.49%	0.070%
96	11.579	3258	3262	3267	rVB4	860	895	2.11%	0.302%
97	11.675	3280	3292	3305	rBV2	12530	20245	47.79%	6.841%
98	11.836	3333	3342	3350	rVB4	1688	2511	5.93%	0.848%
99	12.826	3646	3650	3652	rBV2	240	211	0.50%	0.071%
100	13.842	3965	3966	3969	rBV	273	166	0.39%	0.056%

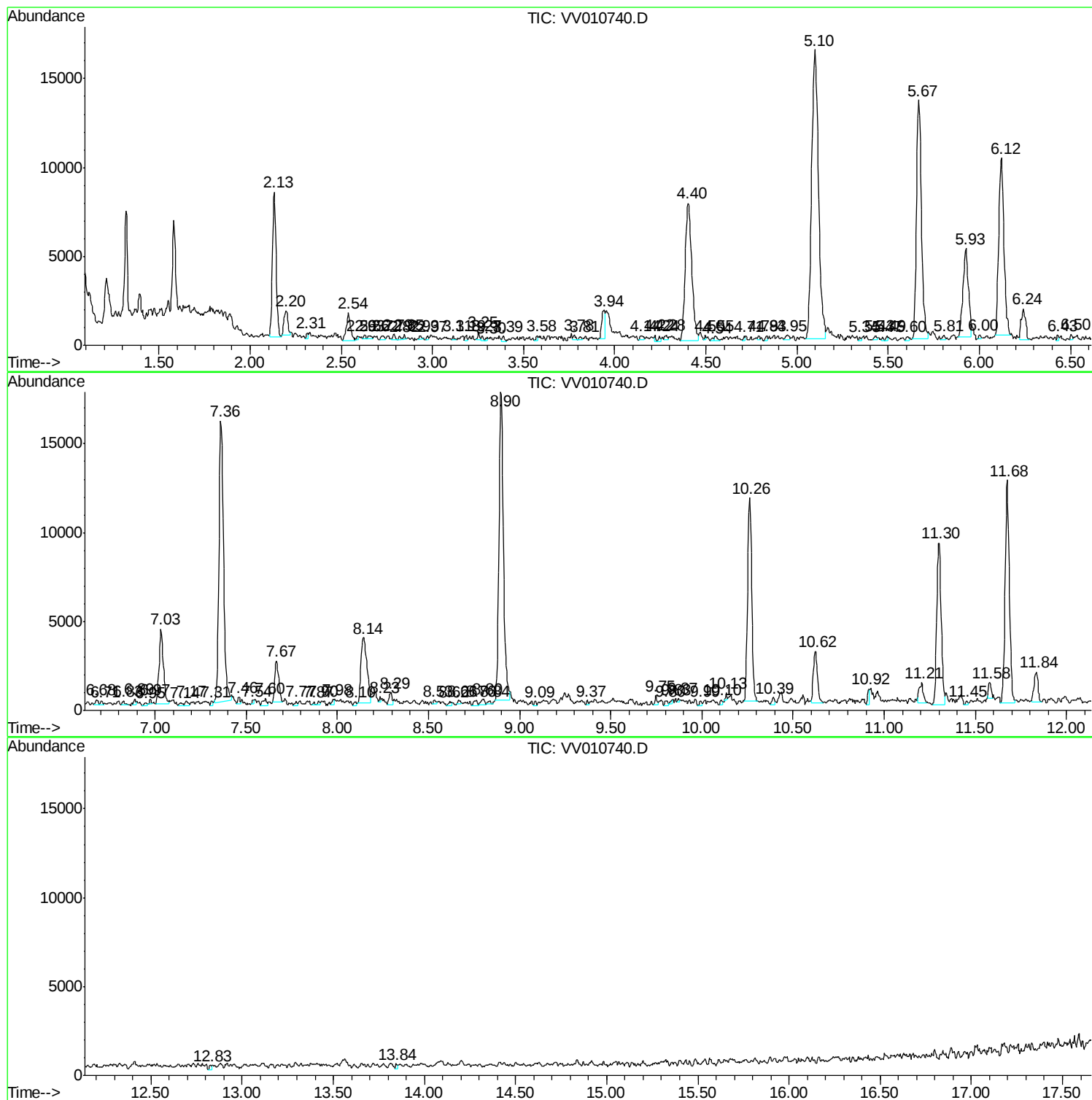
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

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



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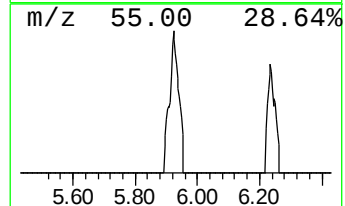
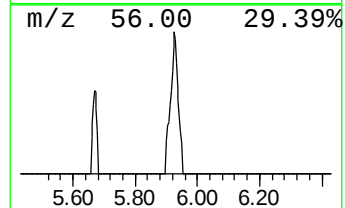
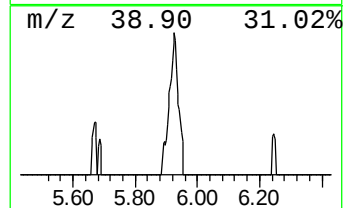
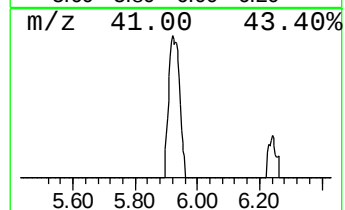
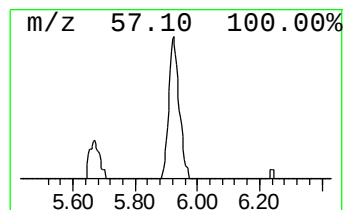
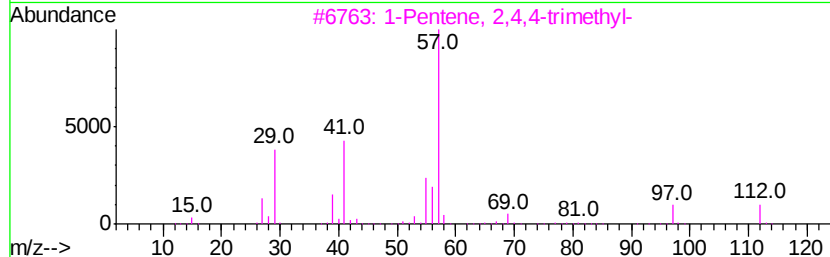
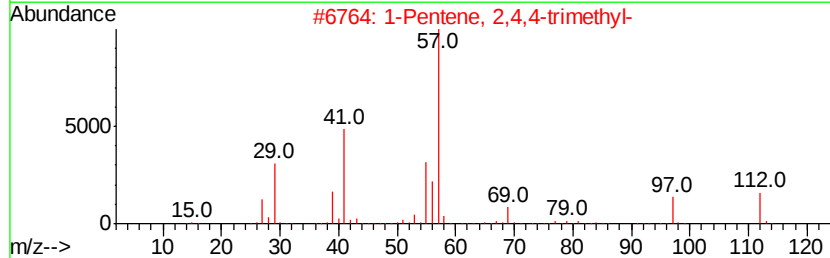
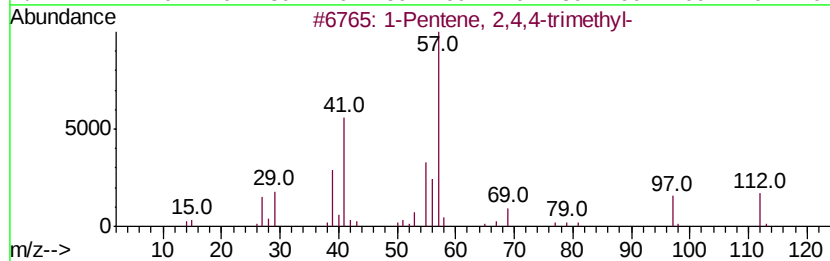
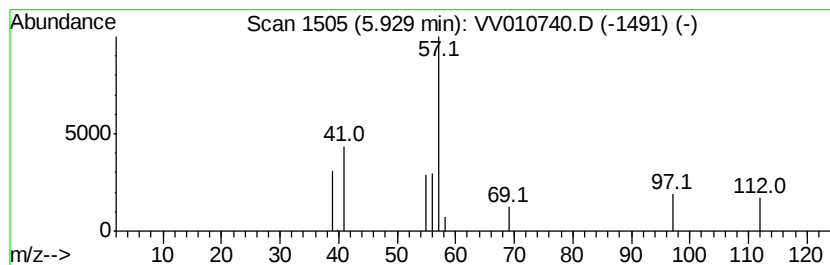
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Cyclic5.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	9.85 ug/L	10027	1,4-Difluorobenzene	5.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	90
2			1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	83
3			1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	80
4			2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	72
5			2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	72



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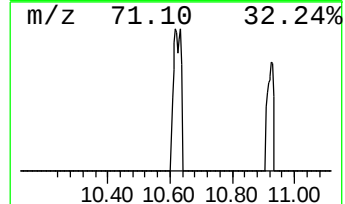
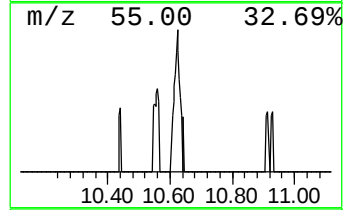
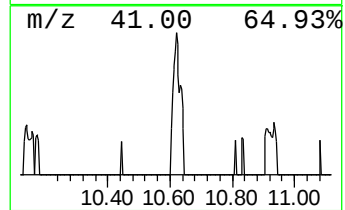
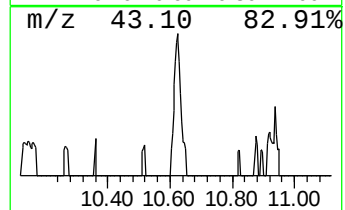
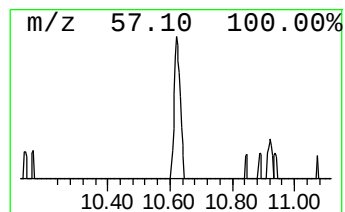
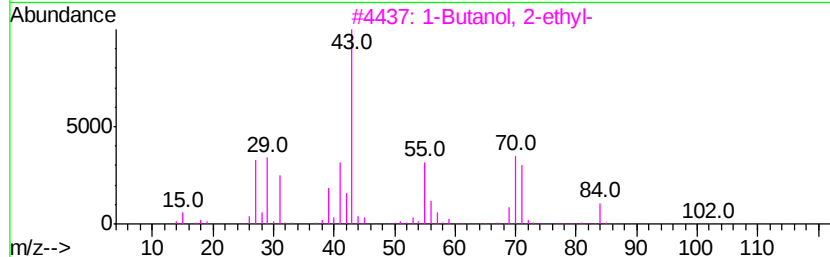
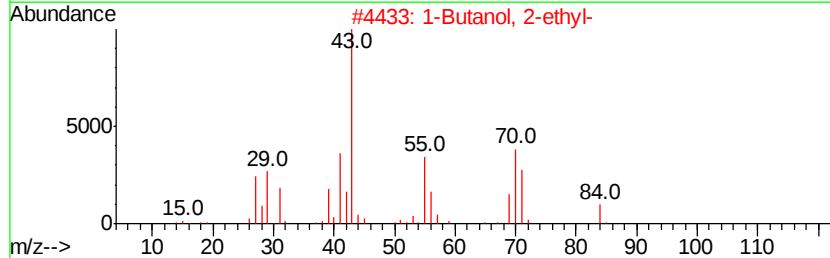
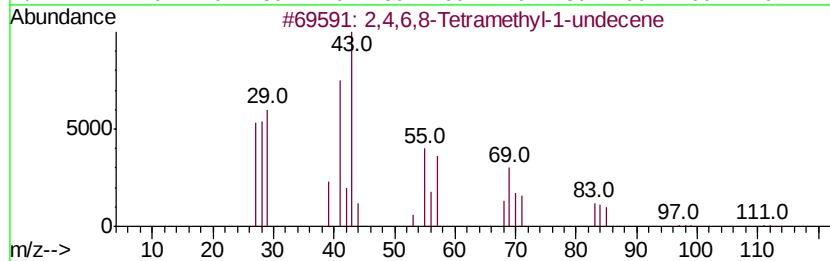
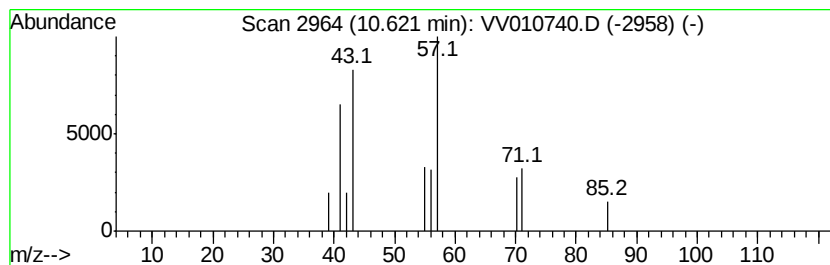
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic10.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	7.06 ug/L	4457	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6,8-Tetramethyl-1-undecene	210	C15H30	059920-26-2	47	
2	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	40	
3	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	33	
4	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	33	
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	28	



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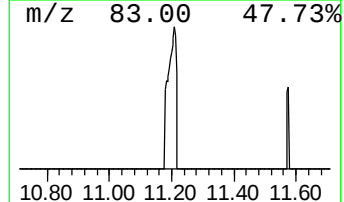
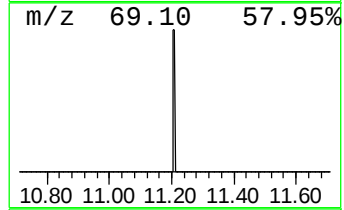
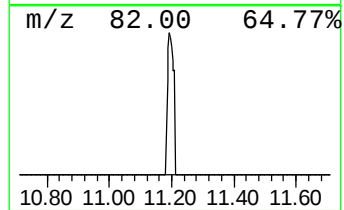
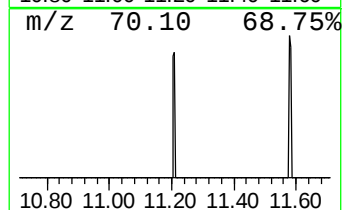
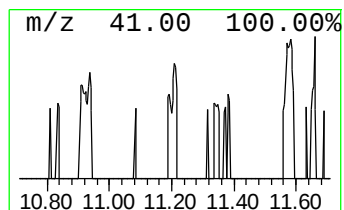
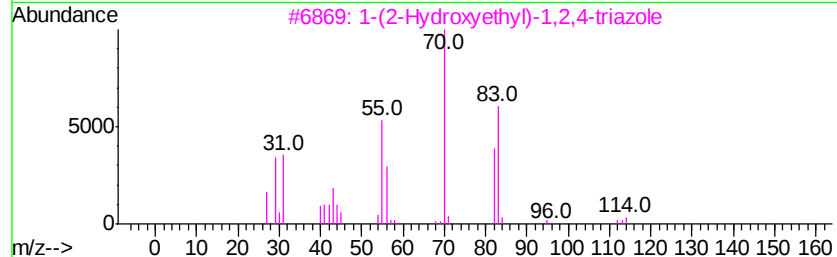
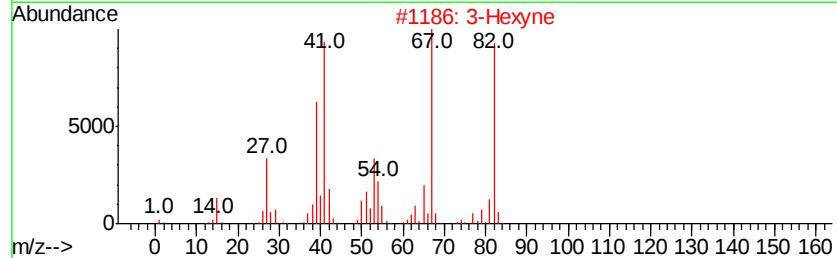
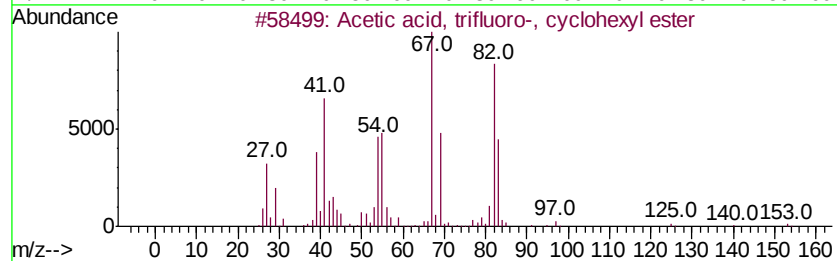
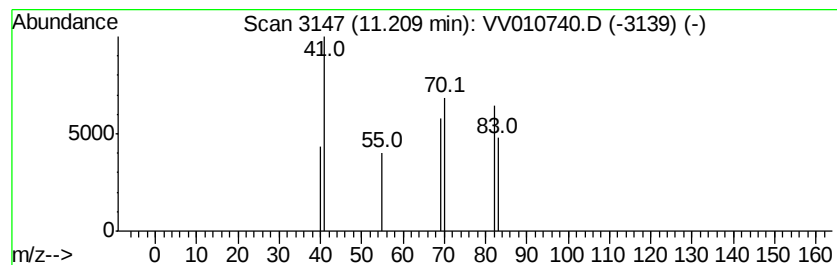
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Quant Title : VOC Analysis

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

Peak Number 6 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	2.66 ug/L	1680	1,4-Dichlorobenzene-d4	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, trifluoro-, cyclohe...	196	C8H11F3O2	001549-45-7	36
2			3-Hexyne	82	C6H10	000928-49-4	9
3			1-(2-Hydroxyethyl)-1,2,4-triazole	113	C4H7N3O	003273-14-1	9
4			3-Hexen-1-ol	100	C6H12O	000544-12-7	9
5			Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	7



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV050719\
Data File : VV010740.D
Acq On : 08 May 2019 22:08
Operator : SY/MD
Sample : K2690-18
Misc : 5.98G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5164

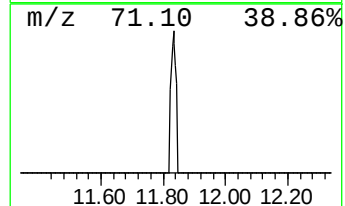
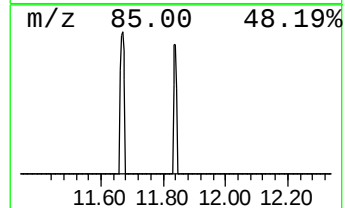
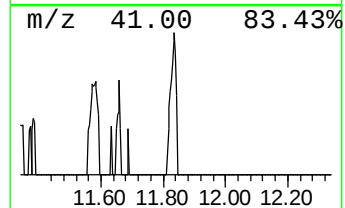
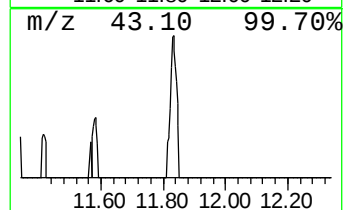
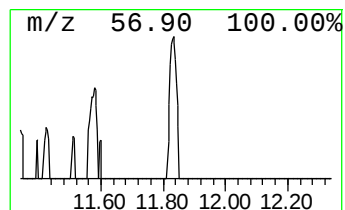
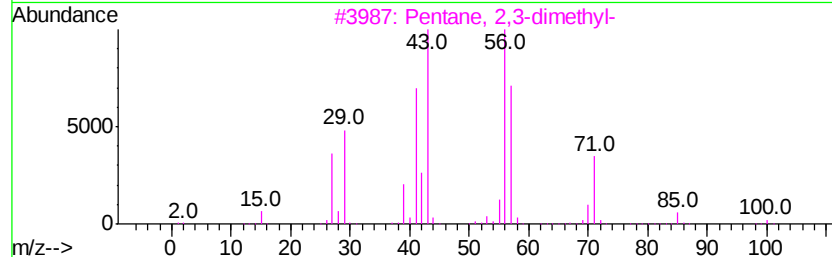
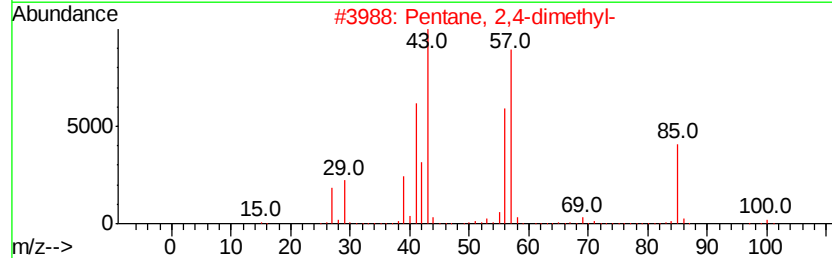
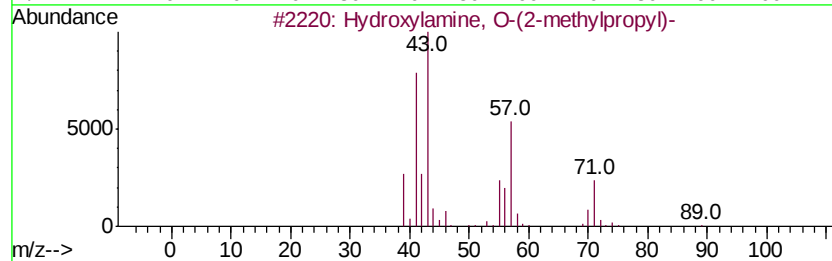
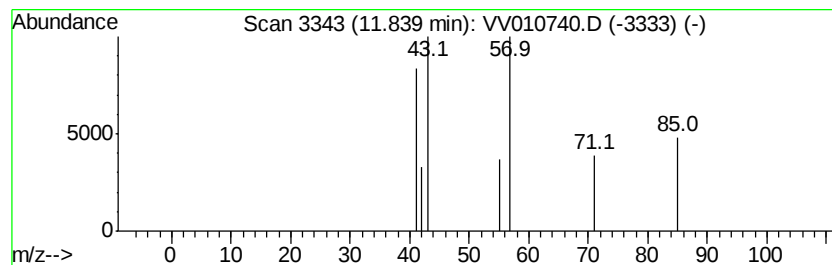
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Quant Title : VOC Analysis

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

Peak Number 8 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	3.98 ug/L	2511	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydroxylamine, O-(2-methylpropyl)-	89	C4H11NO	005618-62-2	42
2		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	25
3		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	25
4		4-Methyl-2-oxovaleric acid	130	C6H10O3	000816-66-0	9
5		Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010740.D
Acq On : 08 May 2019 22:08
Operator : SY/MD
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Misc : 5.98G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5164

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: Cyc...	5.93	9.8	ug/L	10027	1	5.67	25462	25.0
(DEL) Alkane: Cyc...	10.62	7.1	ug/L	4457	3	11.30	15792	25.0
unknown-01	11.21	2.7	ug/L	1680	3	11.30	15792	25.0
unknown-02	11.84	4.0	ug/L	2511	3	11.30	15792	25.0