

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121818\
 Data File : VV009023.D
 Acq On : 18 Dec 2018 19:18
 Operator : SY/MD
 Sample : J6418-12
 Misc : 4.22G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF007

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\SOM2VLM120618S.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	1.312	62	69	80	rVB	111985	118878	11.51%	1.575%
2	1.576	144	151	162	rVB	111151	127011	12.29%	1.682%
3	2.126	311	322	336	rBV	285198	417437	40.40%	5.530%
4	2.534	440	449	460	rVB	7904	12966	1.25%	0.172%
5	2.573	460	461	463	rBV	213	96	0.01%	0.001%
6	2.746	512	515	517	rBV2	150	107	0.01%	0.001%
7	2.759	517	519	520	rVV	276	93	0.01%	0.001%
8	2.791	524	529	533	rBV3	503	589	0.06%	0.008%
9	2.917	565	568	573	rBV	212	252	0.02%	0.003%
10	2.981	584	588	596	rVB5	840	1126	0.11%	0.015%
11	3.074	609	617	627	rVB4	1979	3323	0.32%	0.044%
12	3.151	638	641	647	rVB2	231	195	0.02%	0.003%
13	3.180	647	650	653	rBV	193	105	0.01%	0.001%
14	3.264	673	676	678	rBV	284	170	0.02%	0.002%
15	3.322	691	694	698	rBV	226	205	0.02%	0.003%
16	3.380	710	712	717	rVB	332	233	0.02%	0.003%
17	3.402	717	719	721	rBV	233	132	0.01%	0.002%
18	3.457	733	736	738	rBV	317	238	0.02%	0.003%
19	3.566	767	770	771	rBV	236	140	0.01%	0.002%
20	3.656	795	798	801	rBV2	299	235	0.02%	0.003%
21	3.708	811	814	818	rVB	187	98	0.01%	0.001%
22	3.749	824	827	831	rVV	149	124	0.01%	0.002%
23	3.801	841	843	845	rBV	138	94	0.01%	0.001%
24	3.942	872	887	920	rBV3	23867	103968	10.06%	1.377%
25	4.296	994	997	999	rBV	309	184	0.02%	0.002%
26	4.399	1010	1029	1051	rBV	164895	406012	39.30%	5.378%
27	4.614	1093	1096	1100	rBV	243	176	0.02%	0.002%
28	4.634	1100	1102	1105	rVB	251	132	0.01%	0.002%
29	4.685	1114	1118	1121	rVB2	169	132	0.01%	0.002%
30	4.823	1158	1161	1164	rBV2	175	121	0.01%	0.002%
31	4.849	1167	1169	1171	rBV	276	145	0.01%	0.002%
32	5.000	1212	1216	1218	rBV	139	146	0.01%	0.002%
33	5.097	1225	1246	1278	rBV2	379979	984628	95.30%	13.043%
34	5.286	1301	1305	1311	rBV2	419	519	0.05%	0.007%

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35	5.486	1364	1367	1371	rVB2	244	137	0.01%	0.002%
36	5.518	1372	1377	1382	rBV3	290	294	0.03%	0.004%
37	5.560	1387	1390	1394	rBV	270	203	0.02%	0.003%
38	5.579	1394	1396	1398	rBV	248	88	0.01%	0.001%
39	5.663	1407	1422	1449	rBV	302081	604063	58.47%	8.002%
40	5.849	1478	1480	1482	rBV	240	128	0.01%	0.002%
41	5.945	1500	1510	1522	rVB3	12446	23853	2.31%	0.316%
42	6.061	1543	1546	1548	rBV	233	172	0.02%	0.002%
43	6.119	1549	1564	1593	rVV	210133	435659	42.17%	5.771%
44	6.437	1660	1663	1665	rBV2	140	106	0.01%	0.001%
45	6.695	1740	1743	1746	rBV2	155	161	0.02%	0.002%
46	6.939	1816	1819	1821	rVV2	148	110	0.01%	0.001%
47	7.029	1834	1847	1867	rBV2	109586	196594	19.03%	2.604%
48	7.222	1906	1907	1910	rVB	266	99	0.01%	0.001%
49	7.277	1919	1924	1925	rBV2	290	194	0.02%	0.003%
50	7.360	1936	1950	1968	rBV	453821	787678	76.24%	10.434%
51	7.518	1989	1999	2020	rVB3	63168	103734	10.04%	1.374%
52	7.666	2033	2045	2065	rBV	71095	123482	11.95%	1.636%
53	7.849	2100	2102	2105	rBV2	291	215	0.02%	0.003%
54	7.891	2112	2115	2119	rVB2	459	439	0.04%	0.006%
55	8.138	2180	2192	2218	rBV4	65830	161173	15.60%	2.135%
56	8.338	2253	2254	2257	rVV	296	130	0.01%	0.002%
57	8.367	2261	2263	2265	rVB	243	97	0.01%	0.001%
58	8.460	2290	2292	2295	rBV	159	115	0.01%	0.002%
59	8.572	2325	2327	2330	rBV	244	180	0.02%	0.002%
60	8.740	2376	2379	2382	rVB	191	94	0.01%	0.001%
61	8.769	2385	2388	2393	rVB2	220	172	0.02%	0.002%
62	8.849	2410	2413	2416	rVB	190	104	0.01%	0.001%
63	8.897	2416	2428	2467	rVB	400528	664721	64.34%	8.805%
64	9.058	2471	2478	2484	rBV3	1013	1504	0.15%	0.020%
65	9.100	2489	2491	2492	rBV	328	137	0.01%	0.002%
66	9.187	2511	2518	2525	rVB4	1289	2053	0.20%	0.027%
67	9.235	2530	2533	2539	rVV	219	143	0.01%	0.002%
68	9.289	2543	2550	2555	rVV3	380	411	0.04%	0.005%
69	9.312	2556	2557	2561	rVB	186	91	0.01%	0.001%
70	9.588	2638	2643	2644	rBV	639	450	0.04%	0.006%
71	9.752	2688	2694	2702	rBV6	1308	1962	0.19%	0.026%

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72	9.894	2734	2738	2741	rBV2	132	128	0.01%	0.002%
73	9.974	2759	2763	2766	rBV2	422	358	0.03%	0.005%
74	10.026	2776	2779	2782	rVB2	200	132	0.01%	0.002%
75	10.151	2816	2818	2826	rBV	161	117	0.01%	0.002%
76	10.264	2840	2853	2872	rBV	145106	232915	22.54%	3.085%
77	10.428	2894	2904	2916	rVB3	4466	7018	0.68%	0.093%
78	10.624	2959	2965	2973	rVB6	1940	2531	0.24%	0.034%
79	10.659	2973	2976	2978	rBV	190	108	0.01%	0.001%
80	10.727	2995	2997	3003	rVB	247	189	0.02%	0.003%
81	10.788	3014	3016	3017	rBV	234	91	0.01%	0.001%
82	10.900	3042	3051	3058	rBV2	18904	32179	3.11%	0.426%
83	10.984	3069	3077	3095	rVB	661084	1033182	100.00%	13.686%
84	11.296	3163	3174	3190	rBV	304741	490801	47.50%	6.501%
85	11.476	3224	3230	3236	rVB4	777	954	0.09%	0.013%
86	11.530	3238	3247	3248	rBV4	1264	1513	0.15%	0.020%
87	11.675	3280	3292	3306	rBV	270769	442867	42.86%	5.866%
88	12.296	3479	3485	3487	rBV7	1500	1604	0.16%	0.021%
89	12.376	3508	3510	3512	rBV	256	148	0.01%	0.002%
90	12.411	3518	3521	3528	rVB3	839	723	0.07%	0.010%
91	12.460	3528	3536	3544	rBV5	1068	2068	0.20%	0.027%
92	12.534	3557	3559	3560	rBV	258	118	0.01%	0.002%
93	12.936	3676	3684	3692	rBV5	3779	5290	0.51%	0.070%
94	13.315	3800	3802	3810	rVB2	529	464	0.04%	0.006%
95	13.421	3830	3835	3838	rVB3	385	341	0.03%	0.005%
96	13.437	3838	3840	3846	rVB2	329	221	0.02%	0.003%
97	13.463	3846	3848	3849	rBV2	266	100	0.01%	0.001%
98	13.550	3871	3875	3876	rBV	274	159	0.02%	0.002%
99	13.633	3897	3901	3904	rBV2	348	330	0.03%	0.004%
100	13.797	3946	3952	3960	rVB4	1404	1550	0.15%	0.021%

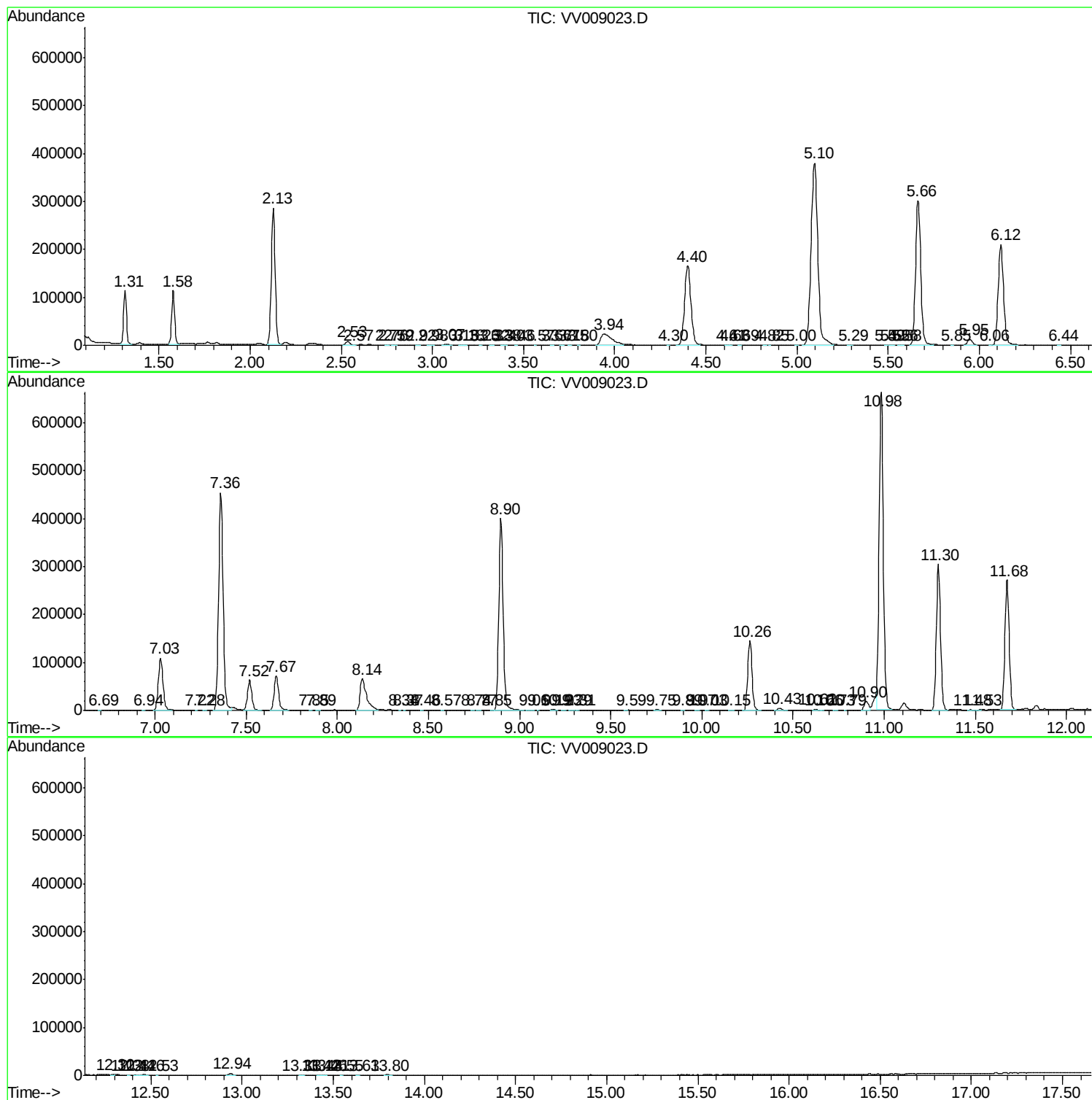
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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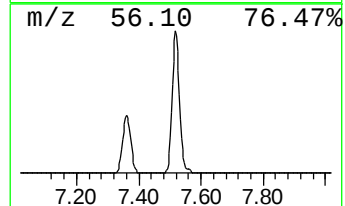
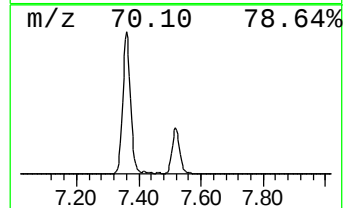
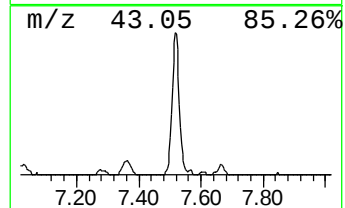
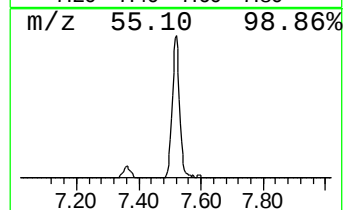
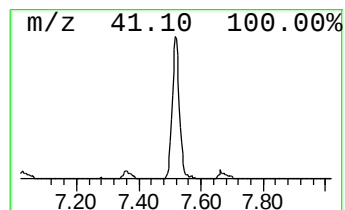
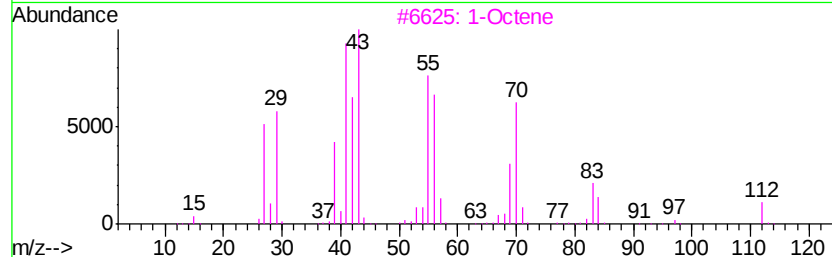
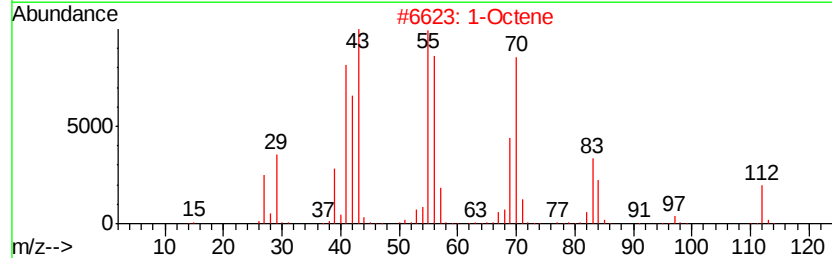
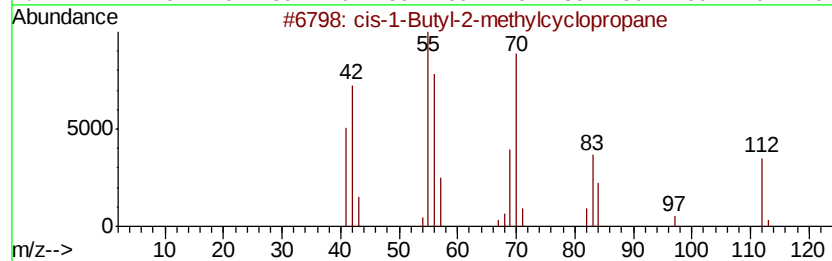
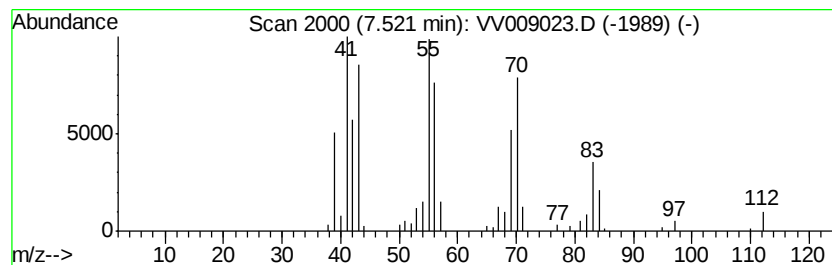
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis

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

Peak Number 2 cis-1-Butyl-2-methylcyclopr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	3.90 ug/L	103734	Chlorobenzene-d5	8.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	94
2		1-Octene	112	C8H16	000111-66-0	91
3		1-Octene	112	C8H16	000111-66-0	91
4		1-Octene	112	C8H16	000111-66-0	87
5		Cyclobutanone, 2,3,3-trimethyl-	112	C7H12O	028290-01-9	80



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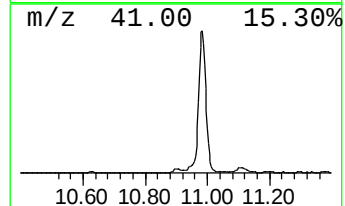
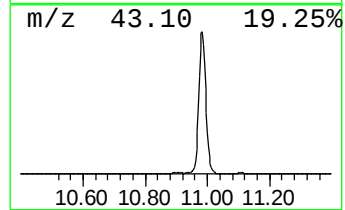
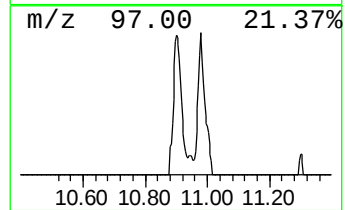
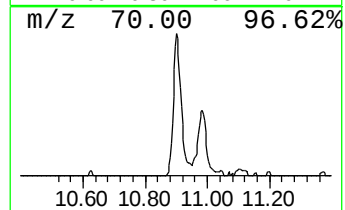
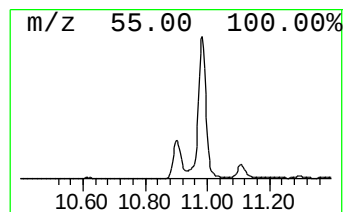
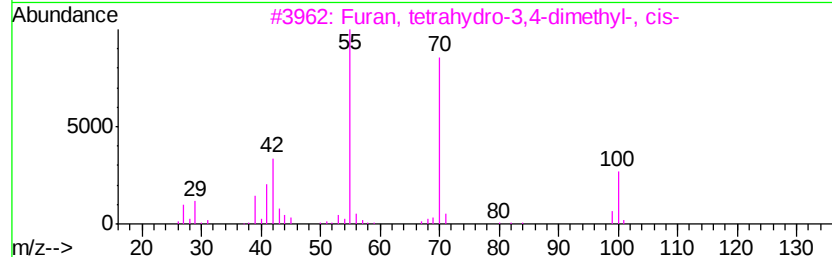
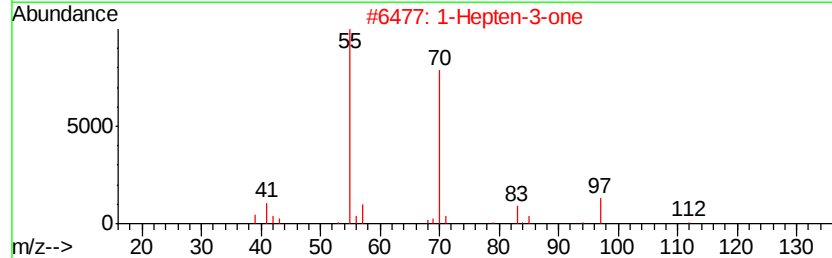
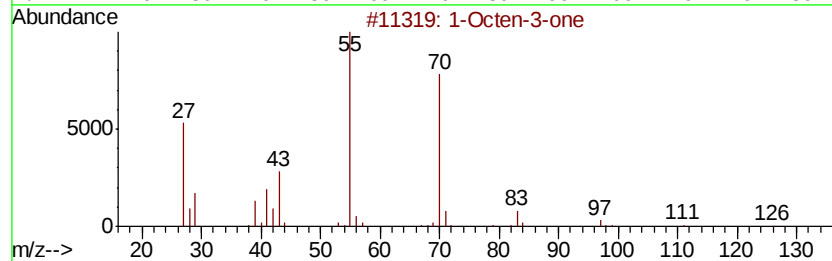
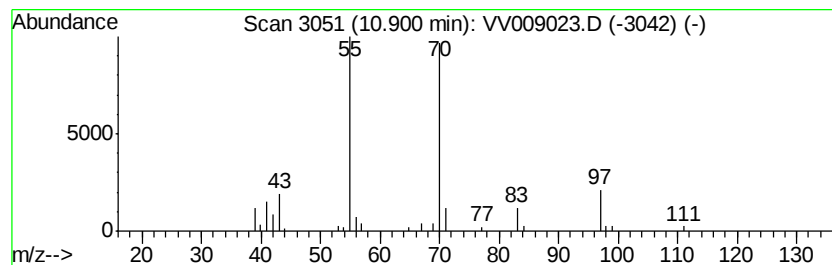
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Quant Title : VOC Analysis

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

Peak Number 3 1-Octen-3-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	1.64 ug/L	32179	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Octen-3-one	126 C8H14O	004312-99-6	50
2	1-Hepten-3-one	112 C7H12O	002918-13-0	39
3	Furan, tetrahydro-3,4-dimethyl-, ...	100 C6H12O	027953-97-5	38
4	Oxirane, 2-(1,1-dimethylethyl)-3...	128 C8H16O	036099-44-2	36
5	Cyclobutanecarboxylic acid, 3-me...	170 C10H18O2	1000282-21-7	36



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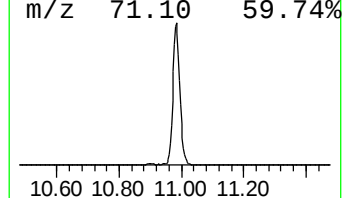
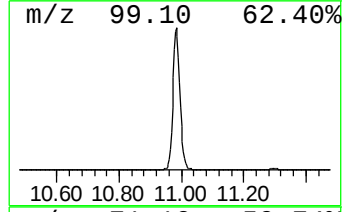
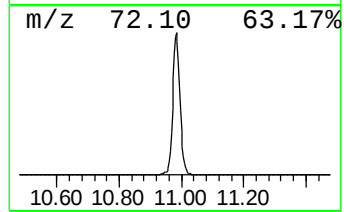
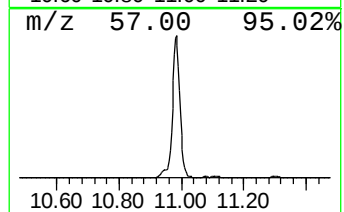
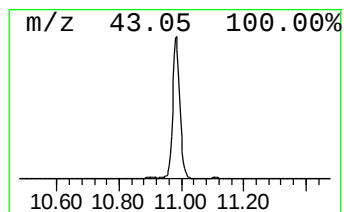
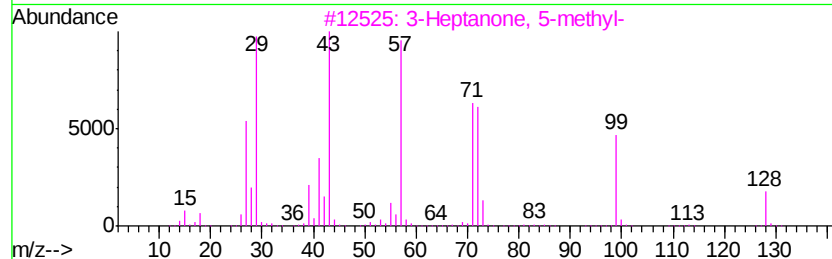
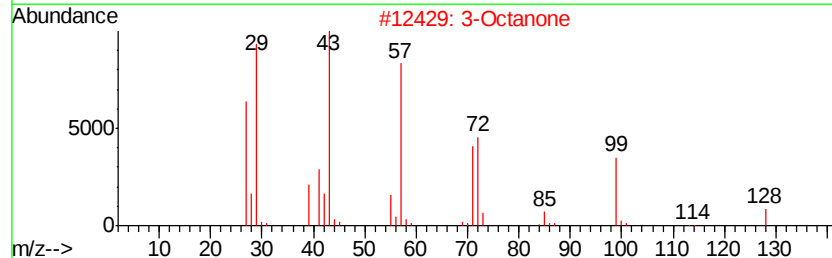
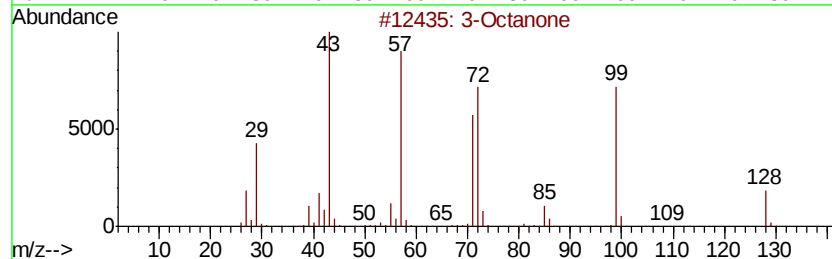
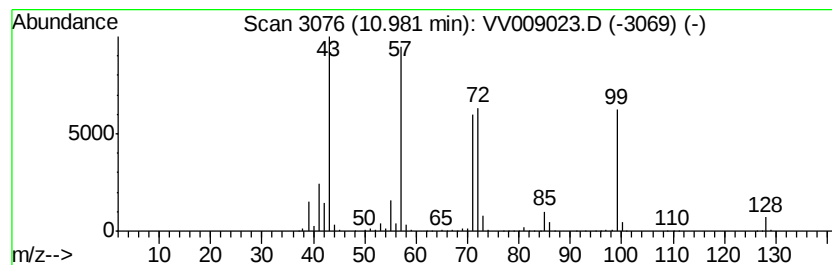
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Quant Title : VOC Analysis

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

Peak Number 4 3-Octanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	52.63 ug/L	1033180	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Octanone		128 C8H16O	000106-68-3 94
2	3-Octanone		128 C8H16O	000106-68-3 78
3	3-Heptanone, 5-methyl-		128 C8H16O	000541-85-5 72
4	3-Octanone		128 C8H16O	000106-68-3 59
5	3-Heptanone, 6-methyl-		128 C8H16O	000624-42-0 58



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Operator : SY/MD
Sample : J6418-12
Misc : 4.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF007

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.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
cis-1-Butyl-2-met...	7.52	3.9	ug/L	103734	2	8.90	664721	25.0
1-Octen-3-one	10.90	1.6	ug/L	32179	3	11.30	490801	25.0
3-Octanone	10.98	52.6	ug/L	1033180	3	11.30	490801	25.0