

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101020\
 Data File : VV018844.D
 Acq On : 10 Oct 2020 19:46
 Operator : SY/MD
 Sample : L4289-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH2

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	1.319	65	71	84	rVB2	295332	319705	23.68%	2.713%
2	1.579	146	152	164	rVB	134786	147013	10.89%	1.248%
3	2.122	312	321	334	rBV	241111	360993	26.74%	3.063%
4	2.782	518	526	539	rBV2	8272	14613	1.08%	0.124%
5	2.984	577	589	593	rBV4	2502	4732	0.35%	0.040%
6	3.228	663	665	669	rBV2	219	102	0.01%	0.001%
7	3.251	669	672	677	rBV3	447	308	0.02%	0.003%
8	3.290	681	684	685	rBV3	463	285	0.02%	0.002%
9	3.450	731	734	736	rBV2	405	262	0.02%	0.002%
10	3.560	767	768	772	rBV2	362	205	0.02%	0.002%
11	3.749	824	827	829	rBV	295	224	0.02%	0.002%
12	3.804	840	844	845	rBV2	580	323	0.02%	0.003%
13	3.933	866	884	920	rBV2	159173	604616	44.79%	5.131%
14	4.376	1007	1022	1047	rBV	193644	476311	35.29%	4.042%
15	4.614	1093	1096	1098	rBV2	491	275	0.02%	0.002%
16	4.724	1129	1130	1133	rVB2	332	165	0.01%	0.001%
17	4.794	1148	1152	1153	rBV2	510	337	0.02%	0.003%
18	4.846	1166	1168	1173	rVB	641	358	0.03%	0.003%
19	4.868	1173	1175	1176	rBV	359	175	0.01%	0.001%
20	4.913	1186	1189	1190	rBV	311	138	0.01%	0.001%
21	4.955	1199	1202	1206	rBV2	460	353	0.03%	0.003%
22	5.010	1215	1219	1220	rBV	152	88	0.01%	0.001%
23	5.071	1220	1238	1268	rBV2	455232	1199477	88.86%	10.179%
24	5.508	1370	1374	1376	rBV2	706	535	0.04%	0.005%
25	5.640	1403	1415	1443	rBV	372511	747712	55.39%	6.345%
26	5.933	1493	1506	1528	rBV4	26848	62293	4.61%	0.529%
27	6.093	1538	1556	1584	rBV	270002	556889	41.26%	4.726%
28	6.434	1660	1662	1666	rVB2	613	344	0.03%	0.003%
29	6.460	1666	1670	1673	rVB2	345	198	0.01%	0.002%
30	6.482	1674	1677	1678	rBV	392	158	0.01%	0.001%
31	6.550	1696	1698	1703	rVB3	367	246	0.02%	0.002%
32	6.569	1703	1704	1705	rBV3	189	51	0.00%	0.000%
33	6.659	1730	1732	1733	rBV	186	53	0.00%	0.000%
34	6.672	1733	1736	1739	rVV2	349	202	0.01%	0.002%

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 Title : VOC Analysis

35	6.695	1739	1743	1746	rBV2	462	374	0.03%	0.003%
36	6.756	1758	1762	1764	rBV	317	241	0.02%	0.002%
37	6.801	1772	1776	1778	rBV2	131	114	0.01%	0.001%
38	6.839	1785	1788	1789	rBV	292	151	0.01%	0.001%
39	6.868	1794	1797	1800	rVB	289	185	0.01%	0.002%
40	6.884	1800	1802	1803	rBV	280	120	0.01%	0.001%
41	6.913	1808	1811	1815	rBV2	188	136	0.01%	0.001%
42	6.936	1815	1818	1819	rBV	209	122	0.01%	0.001%
43	7.006	1830	1840	1864	rBV	125574	228224	16.91%	1.937%
44	7.209	1900	1903	1904	rBV2	405	201	0.01%	0.002%
45	7.257	1912	1918	1930	rBV6	2254	3965	0.29%	0.034%
46	7.338	1932	1943	1958	rBV	464428	805071	59.64%	6.832%
47	7.643	2027	2038	2057	rBV	92153	162516	12.04%	1.379%
48	7.846	2099	2101	2102	rBV	326	129	0.01%	0.001%
49	7.913	2119	2122	2126	rBV2	306	202	0.01%	0.002%
50	7.932	2126	2128	2129	rBV2	307	119	0.01%	0.001%
51	8.000	2139	2149	2161	rVB2	12379	22203	1.64%	0.188%
52	8.071	2168	2171	2172	rBV	350	132	0.01%	0.001%
53	8.106	2172	2182	2223	rBV2	325709	643759	47.69%	5.463%
54	8.453	2287	2290	2292	rBV2	417	245	0.02%	0.002%
55	8.524	2310	2312	2314	rBV2	204	99	0.01%	0.001%
56	8.550	2317	2320	2321	rBV	554	262	0.02%	0.002%
57	8.649	2341	2351	2354	rBV5	878	1159	0.09%	0.010%
58	8.826	2403	2406	2407	rBV	651	295	0.02%	0.003%
59	8.871	2409	2420	2445	rVV	578685	943306	69.88%	8.005%
60	9.039	2466	2472	2486	rVB3	8203	13709	1.02%	0.116%
61	9.264	2537	2542	2544	rBV3	570	520	0.04%	0.004%
62	9.334	2558	2564	2565	rBV2	515	371	0.03%	0.003%
63	9.399	2582	2584	2586	rBV2	269	137	0.01%	0.001%
64	9.415	2586	2589	2592	rBV2	482	412	0.03%	0.003%
65	9.450	2597	2600	2604	rVB4	566	460	0.03%	0.004%
66	9.479	2605	2609	2610	rBV	776	572	0.04%	0.005%
67	9.537	2625	2627	2629	rBV	375	178	0.01%	0.002%
68	9.608	2647	2649	2650	rBV	338	127	0.01%	0.001%
69	9.701	2669	2678	2687	rBV5	1867	3195	0.24%	0.027%
70	9.945	2746	2754	2765	rVV6	2480	4835	0.36%	0.041%
71	9.987	2765	2767	2771	rVB	534	358	0.03%	0.003%

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72	10.039	2773	2783	2790	rVB7	2873	4846	0.36%	0.041%
73	10.164	2818	2822	2830	rVB5	2094	2532	0.19%	0.021%
74	10.238	2830	2845	2865	rBV	365914	578794	42.88%	4.912%
75	10.460	2907	2914	2915	rBV3	743	758	0.06%	0.006%
76	10.601	2956	2958	2963	rBV2	411	237	0.02%	0.002%
77	11.016	3078	3087	3098	rBV2	22077	36684	2.72%	0.311%
78	11.270	3155	3166	3189	rBV	552735	843544	62.49%	7.158%
79	11.556	3249	3255	3257	rBV3	689	690	0.05%	0.006%
80	11.646	3268	3283	3307	rBV	550759	869224	64.39%	7.376%
81	11.829	3338	3340	3341	rBV	500	237	0.02%	0.002%
82	11.932	3369	3372	3373	rBV	424	247	0.02%	0.002%
83	11.968	3380	3383	3384	rBV2	388	220	0.02%	0.002%
84	12.038	3400	3405	3407	rBV3	1528	1489	0.11%	0.013%
85	12.148	3436	3439	3443	rBV	520	328	0.02%	0.003%
86	12.170	3443	3446	3449	rVB3	368	245	0.02%	0.002%
87	12.190	3450	3452	3454	rBV	307	146	0.01%	0.001%
88	12.292	3482	3484	3486	rBV	226	131	0.01%	0.001%
89	12.405	3512	3519	3525	rBV5	3186	4487	0.33%	0.038%
90	12.530	3550	3558	3576	rVB5	18075	28845	2.14%	0.245%
91	12.601	3576	3580	3582	rBV3	446	388	0.03%	0.003%
92	12.636	3589	3591	3592	rBV	487	203	0.02%	0.002%
93	12.685	3592	3606	3643	rVV	846537	1349840	100.00%	11.455%
94	12.903	3665	3674	3689	rBV2	19938	34068	2.52%	0.289%
95	13.183	3750	3761	3779	rVB	356158	578504	42.86%	4.909%
96	13.402	3821	3829	3836	rBV2	25867	40829	3.02%	0.346%
97	13.730	3921	3931	3934	rBV5	1656	2594	0.19%	0.022%
98	13.797	3941	3952	3968	rVB3	38246	66152	4.90%	0.561%

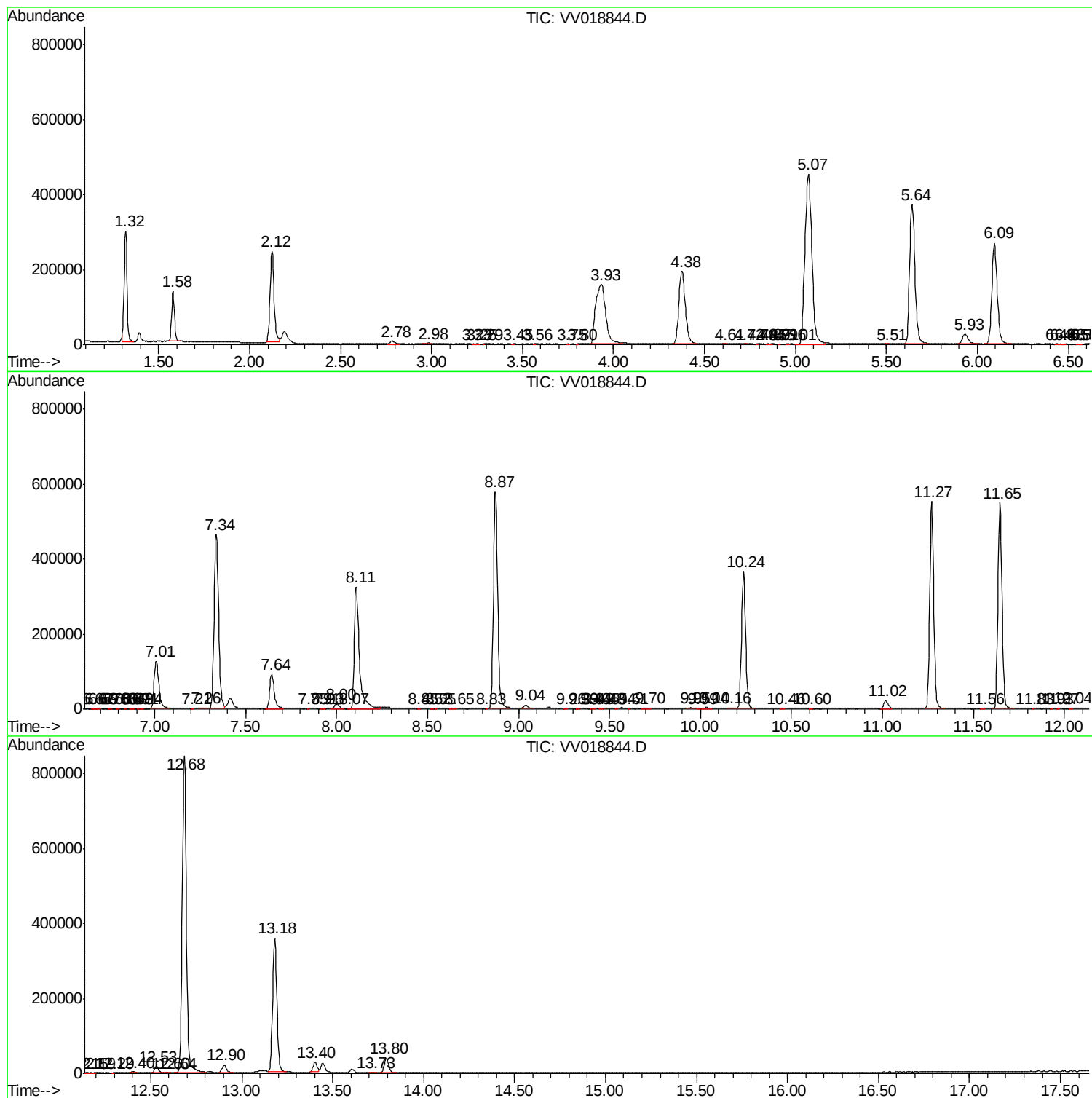
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

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



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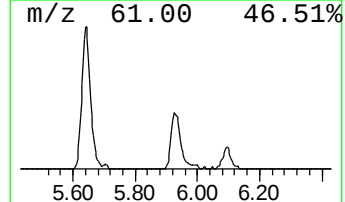
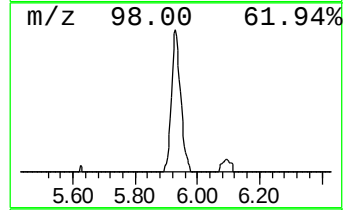
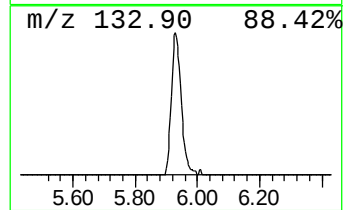
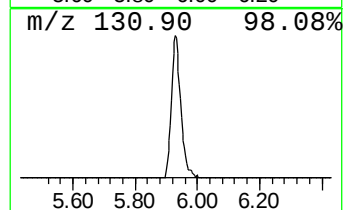
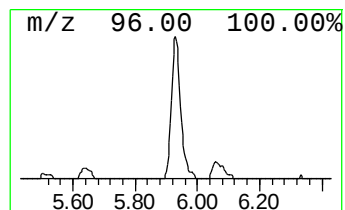
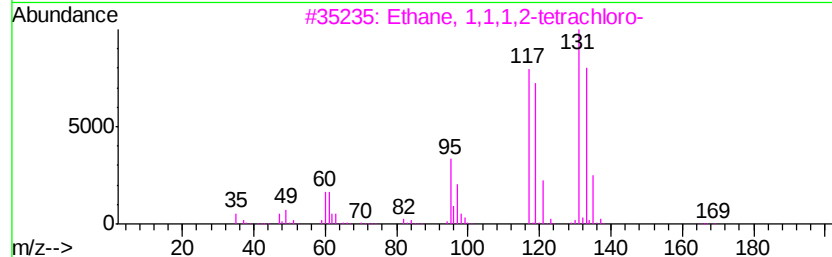
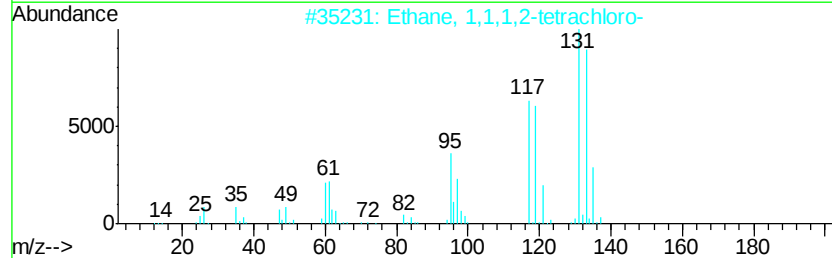
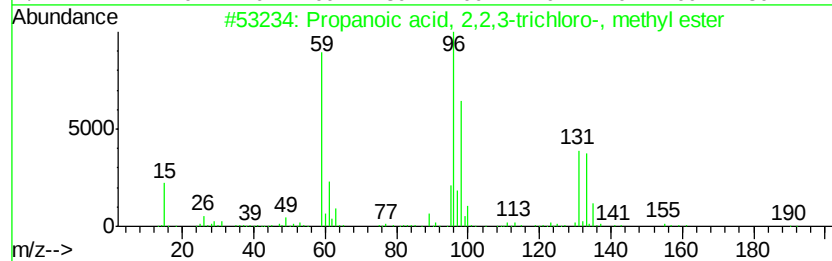
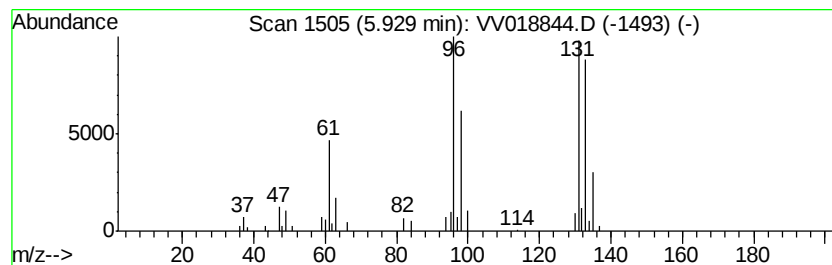
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	4.17 ug/L	62293	1,4-Difluorobenzene	5.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	28
2			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	28
3			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25
4			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25
5			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25



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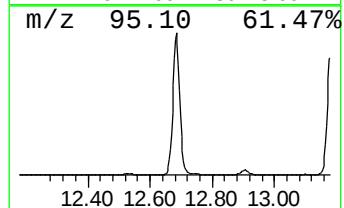
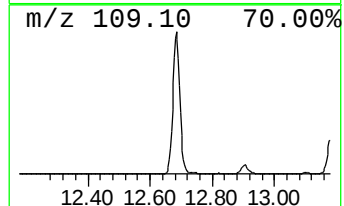
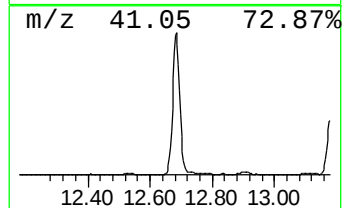
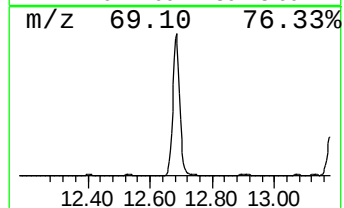
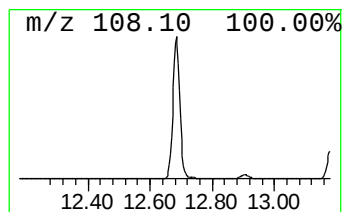
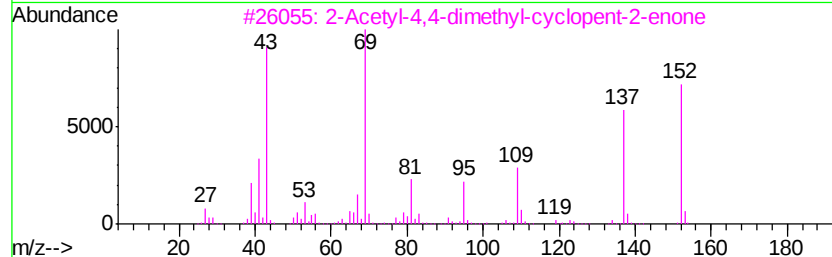
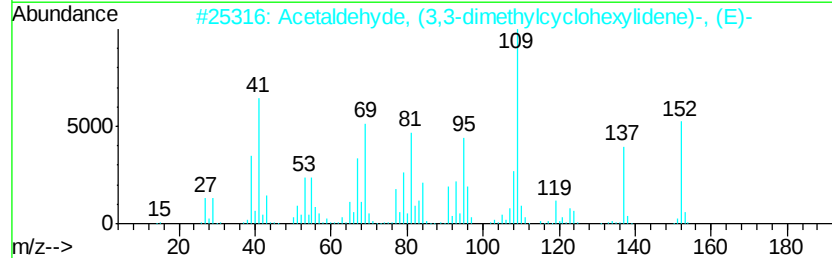
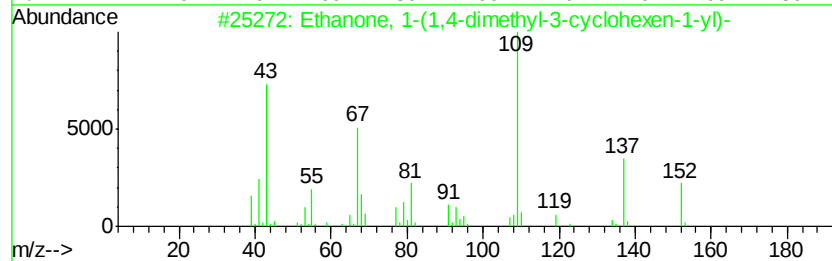
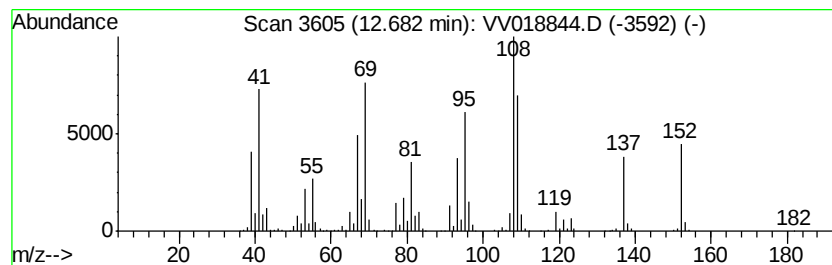
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	80.01 ug/L	1349840	1,4-Dichlorobenzene-d4	11.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	46	
2	Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-25-2	42	
3	2-Acetyl-4,4-dimethyl-cyclopent-...	152	C9H12O2	081979-96-6	41	
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	30	
5	1(2H)-Naphthalenone, octahydro-,...	152	C10H16O	021370-71-8	25	



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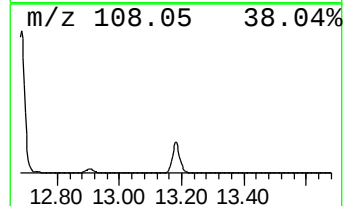
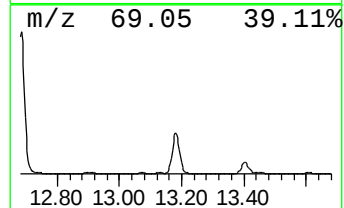
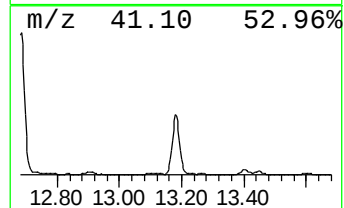
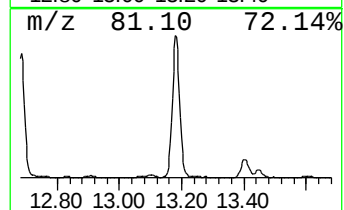
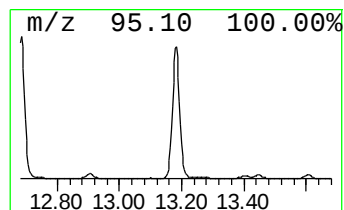
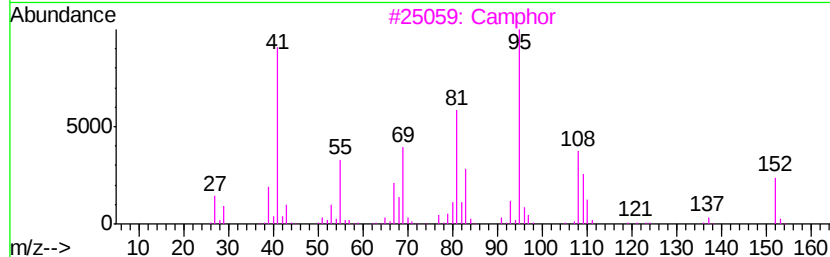
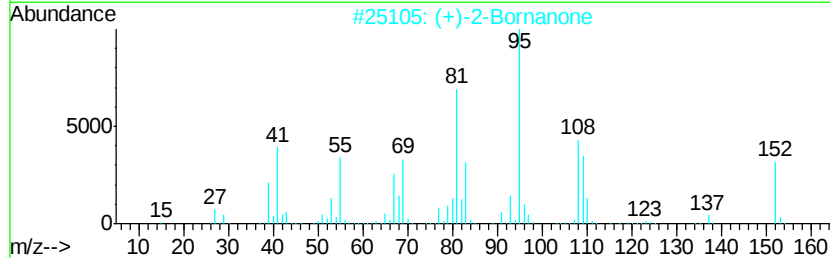
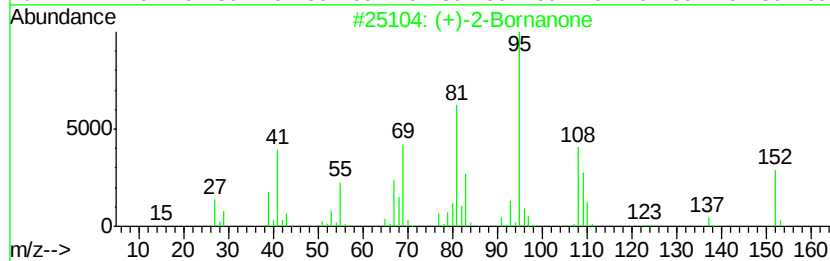
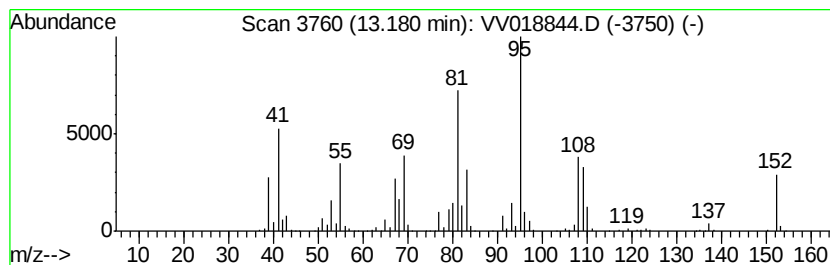
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 4 (+)-2-Bornanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	34.29 ug/L	578504	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(+)-2-Bornanone	152	C10H16O	000464-49-3	98
2		(+)-2-Bornanone	152	C10H16O	000464-49-3	98
3		Camphor	152	C10H16O	000076-22-2	98
4		Camphor	152	C10H16O	000076-22-2	98
5		(+)-2-Bornanone	152	C10H16O	000464-49-3	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV101020\
Data File : VV018844.D
Acq On : 10 Oct 2020 19:46
Operator : SY/MD
Sample : L4289-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH2

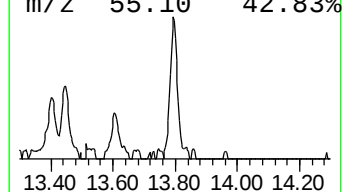
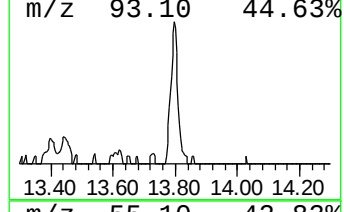
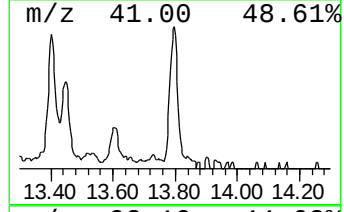
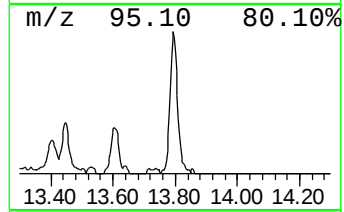
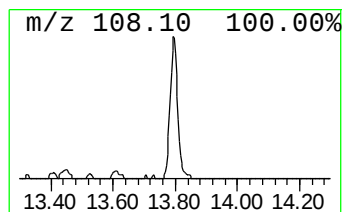
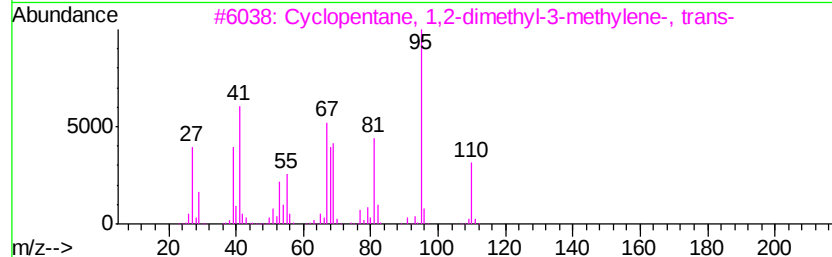
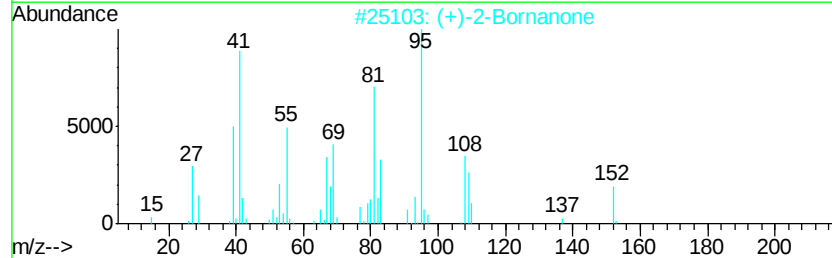
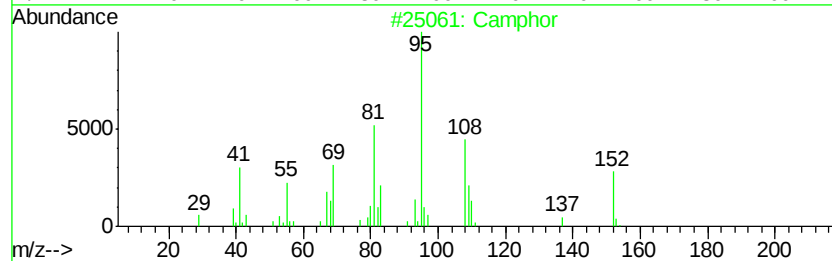
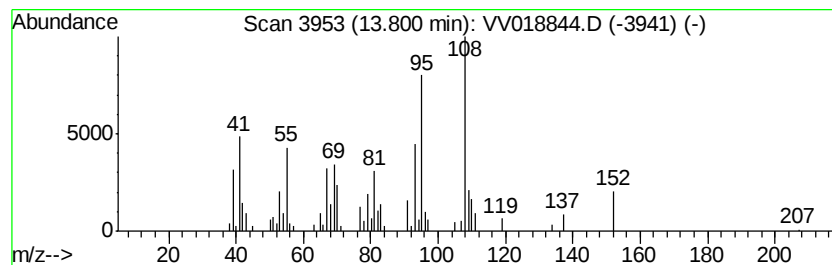
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Quant Title : VOC Analysis

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

Peak Number 5 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	3.92 ug/L	66152	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Camphor	152	C10H16O	000076-22-2	49
2		(+)-2-Bornanone	152	C10H16O	000464-49-3	47
3		Cyclopentane, 1,2-dimethyl-3-methyl-...	110	C8H14	1000150-99-3	42
4		(+)-2-Bornanone	152	C10H16O	000464-49-3	41
5		Camphor	152	C10H16O	000076-22-2	41



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101020\
Data File : VV018844.D
Acq On : 10 Oct 2020 19:46
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Sample : L4289-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AH2

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
unknown-01	5.93	4.2	ug/L	62293	1	5.64	747712	50.0
unknown-02	12.68	80.0	ug/L	1349840	3	11.27	843544	50.0
(+)-2-Bornanone	13.18	34.3	ug/L	578504	3	11.27	843544	50.0
unknown-03	13.80	3.9	ug/L	66152	3	11.27	843544	50.0