

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018178.D
 Acq On : 17 Feb 2021 11:45
 Operator : SY/VA
 Sample : M1414-22
 Misc : 4.04G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH34

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M

Title : VOC Analysis

Signal : TIC: VW018178.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	37	42	47	rBV	5833	11295	1.03%	0.116%
2	2.355	68	74	83	rVB	63370	121200	11.04%	1.243%
3	2.782	141	144	150	rVB5	751	1393	0.13%	0.014%
4	2.891	153	162	177	rBV	45497	118295	10.78%	1.213%
5	3.513	259	264	265	rVB2	324	471	0.04%	0.005%
6	3.550	265	270	271	rBV3	545	725	0.07%	0.007%
7	4.019	334	347	374	rBV	114637	372954	33.98%	3.824%
8	4.202	375	377	379	rVB2	267	219	0.02%	0.002%
9	4.239	379	383	386	rBV3	184	264	0.02%	0.003%
10	4.397	401	409	410	rBV3	538	1041	0.09%	0.011%
11	4.818	476	478	482	rBV2	159	246	0.02%	0.003%
12	4.915	484	494	509	rBV2	6294	22674	2.07%	0.232%
13	5.104	521	525	526	rBV2	192	256	0.02%	0.003%
14	5.165	530	535	536	rBV2	315	403	0.04%	0.004%
15	5.397	571	573	574	rBV	278	219	0.02%	0.002%
16	5.940	654	662	670	rVB3	2662	6998	0.64%	0.072%
17	6.220	707	708	716	rVB2	301	402	0.04%	0.004%
18	6.318	720	724	728	rBV2	142	253	0.02%	0.003%
19	6.403	732	738	749	rVV5	1820	6610	0.60%	0.068%
20	6.860	810	813	816	rBV2	128	221	0.02%	0.002%
21	7.074	836	848	853	rBV	22178	60252	5.49%	0.618%
22	7.269	877	880	882	rVV3	202	301	0.03%	0.003%
23	7.519	917	921	922	rBV2	286	361	0.03%	0.004%
24	7.537	922	924	929	rVB4	245	285	0.03%	0.003%
25	7.647	931	942	955	rBV	197540	470382	42.86%	4.823%
26	7.769	960	962	966	rVB2	292	329	0.03%	0.003%
27	7.866	971	978	980	rBV3	435	817	0.07%	0.008%
28	7.952	987	992	997	rVB5	848	1381	0.13%	0.014%
29	8.067	1006	1011	1016	rBV4	517	1144	0.10%	0.012%
30	8.275	1034	1045	1061	rBV2	367166	1058262	96.43%	10.850%
31	8.397	1063	1065	1069	rVB3	702	866	0.08%	0.009%
32	8.470	1075	1077	1080	rBB2	225	241	0.02%	0.002%
33	8.622	1099	1102	1107	rBV3	267	390	0.04%	0.004%
34	8.695	1107	1114	1116	rBV2	428	760	0.07%	0.008%
35	8.775	1120	1127	1128	rBV2	182	301	0.03%	0.003%
36	8.842	1128	1138	1152	rBV	460091	904644	82.43%	9.275%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Title : VOC Analysis

37	9.024	1161	1168	1175	rBV	24726	51184	4.66%	0.525%
38	9.274	1199	1209	1219	rBV	232948	478721	43.62%	4.908%
39	9.409	1229	1231	1236	rVB4	669	1052	0.10%	0.011%
40	9.500	1239	1246	1259	rBV	25786	48884	4.45%	0.501%
41	9.652	1266	1271	1279	rVB3	1065	2426	0.22%	0.025%
42	9.756	1283	1288	1292	rBV2	525	850	0.08%	0.009%
43	9.890	1307	1310	1313	rVB	298	286	0.03%	0.003%
44	9.933	1313	1317	1318	rBV2	375	414	0.04%	0.004%
45	10.030	1325	1333	1344	rBV	125834	231370	21.08%	2.372%
46	10.213	1357	1363	1368	rBV2	2698	5054	0.46%	0.052%
47	10.323	1373	1381	1389	rBV	570173	985507	89.80%	10.104%
48	10.384	1389	1391	1395	rVB2	2411	3277	0.30%	0.034%
49	10.500	1406	1410	1412	rBV2	240	218	0.02%	0.002%
50	10.573	1415	1422	1434	rBV	75171	133951	12.21%	1.373%
51	10.701	1437	1443	1449	rBV2	2461	4371	0.40%	0.045%
52	10.780	1453	1456	1460	rVB4	540	821	0.07%	0.008%
53	10.835	1462	1465	1466	rBV3	285	219	0.02%	0.002%
54	10.860	1466	1469	1473	rBV4	1439	1932	0.18%	0.020%
55	10.921	1473	1479	1485	rBV	89212	151122	13.77%	1.549%
56	10.975	1485	1488	1494	rVV2	7732	12667	1.15%	0.130%
57	11.067	1496	1503	1517	rVV	116023	197178	17.97%	2.022%
58	11.164	1517	1519	1521	rVV3	344	395	0.04%	0.004%
59	11.231	1528	1530	1536	rVB2	400	470	0.04%	0.005%
60	11.475	1563	1570	1575	rBV3	1003	1724	0.16%	0.018%
61	11.567	1581	1585	1588	rBV4	844	1516	0.14%	0.016%
62	11.628	1588	1595	1604	rVB	627873	1058330	96.43%	10.851%
63	11.707	1604	1608	1617	rVB3	3968	9707	0.88%	0.100%
64	11.841	1624	1630	1633	rBV2	2295	4060	0.37%	0.042%
65	12.024	1657	1660	1662	rVB	545	485	0.04%	0.005%
66	12.085	1662	1670	1676	rBV3	6101	11526	1.05%	0.118%
67	12.158	1676	1682	1685	rBV2	7745	14115	1.29%	0.145%
68	12.237	1692	1695	1703	rVB3	3578	5461	0.50%	0.056%
69	12.335	1706	1711	1717	rBV2	3760	6930	0.63%	0.071%
70	12.445	1724	1729	1738	rBV2	11193	24991	2.28%	0.256%
71	12.554	1742	1747	1751	rVV	11292	20719	1.89%	0.212%
72	12.603	1751	1755	1761	rVV	22911	37864	3.45%	0.388%
73	12.688	1761	1769	1776	rVV	172375	290371	26.46%	2.977%
74	12.756	1776	1780	1785	rVB5	2506	4605	0.42%	0.047%
75	12.884	1795	1801	1806	rBV5	1923	4488	0.41%	0.046%
76	12.969	1806	1815	1827	rVB	32047	56273	5.13%	0.577%

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Title : VOC Analysis

77	13.085	1830	1834	1835	rBV4	687	925	0.08%	0.009%
78	13.115	1835	1839	1848	rVB5	3388	7778	0.71%	0.080%
79	13.188	1848	1851	1855	rBV3	1661	2615	0.24%	0.027%
80	13.249	1857	1861	1864	rBV4	2283	4199	0.38%	0.043%
81	13.304	1865	1870	1879	rVB2	13180	29216	2.66%	0.300%
82	13.396	1879	1885	1890	rBV4	10679	19054	1.74%	0.195%
83	13.457	1891	1895	1899	rBV4	4433	7177	0.65%	0.074%
84	13.554	1905	1911	1919	rBV	672090	1097494	100.00%	11.252%
85	13.646	1921	1926	1933	rBV	113829	181433	16.53%	1.860%
86	13.853	1953	1960	1967	rVB	508036	846715	77.15%	8.681%
87	14.066	1991	1995	2001	rVB2	20792	33563	3.06%	0.344%
88	14.219	2012	2020	2028	rBV2	4398	15442	1.41%	0.158%
89	14.322	2029	2037	2044	rVV2	27466	53500	4.87%	0.549%
90	14.524	2063	2070	2082	rBV	159058	254425	23.18%	2.609%
91	14.627	2083	2087	2090	rVV5	3398	5469	0.50%	0.056%
92	15.176	2172	2177	2178	rBV2	9096	12834	1.17%	0.132%
93	15.206	2178	2182	2185	rVV	18300	34463	3.14%	0.353%
94	15.249	2185	2189	2202	rVB2	35983	69865	6.37%	0.716%
95	15.401	2211	2214	2219	rVB5	7021	10733	0.98%	0.110%
96	15.493	2224	2229	2234	rBV2	5284	10453	0.95%	0.107%
97	15.877	2290	2292	2299	rVB6	3211	5576	0.51%	0.057%
98	16.096	2323	2328	2339	rVB6	7108	16689	1.52%	0.171%
99	16.554	2401	2403	2404	rBV	897	640	0.06%	0.007%
100	16.572	2404	2406	2408	rVB3	911	752	0.07%	0.008%

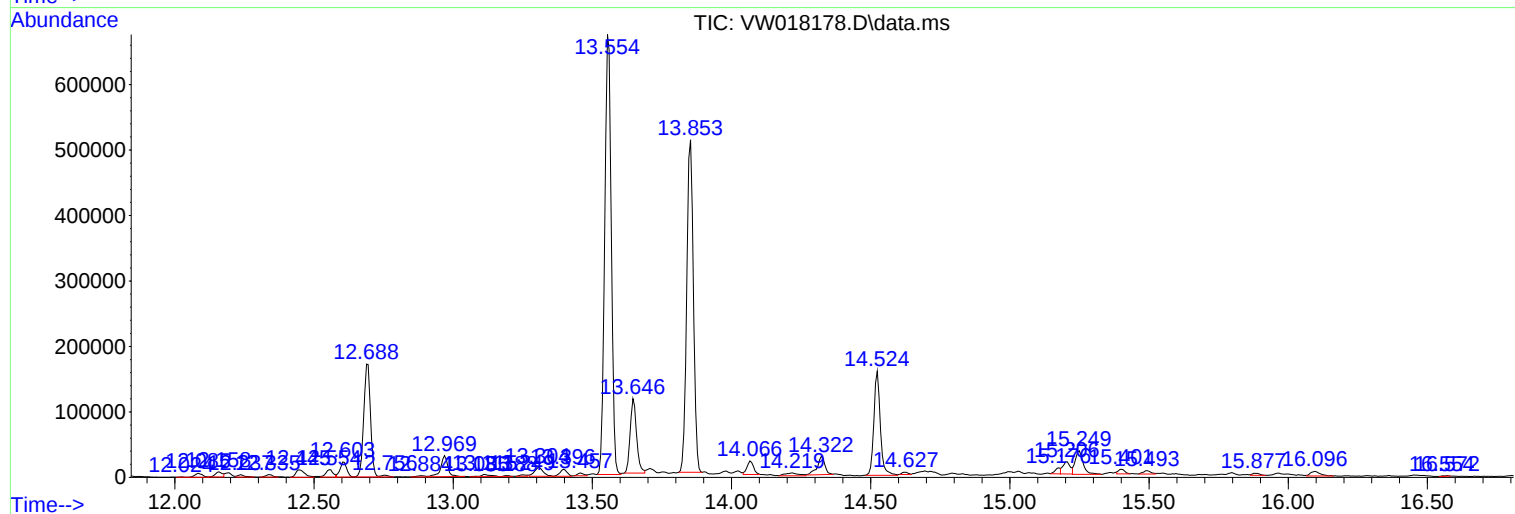
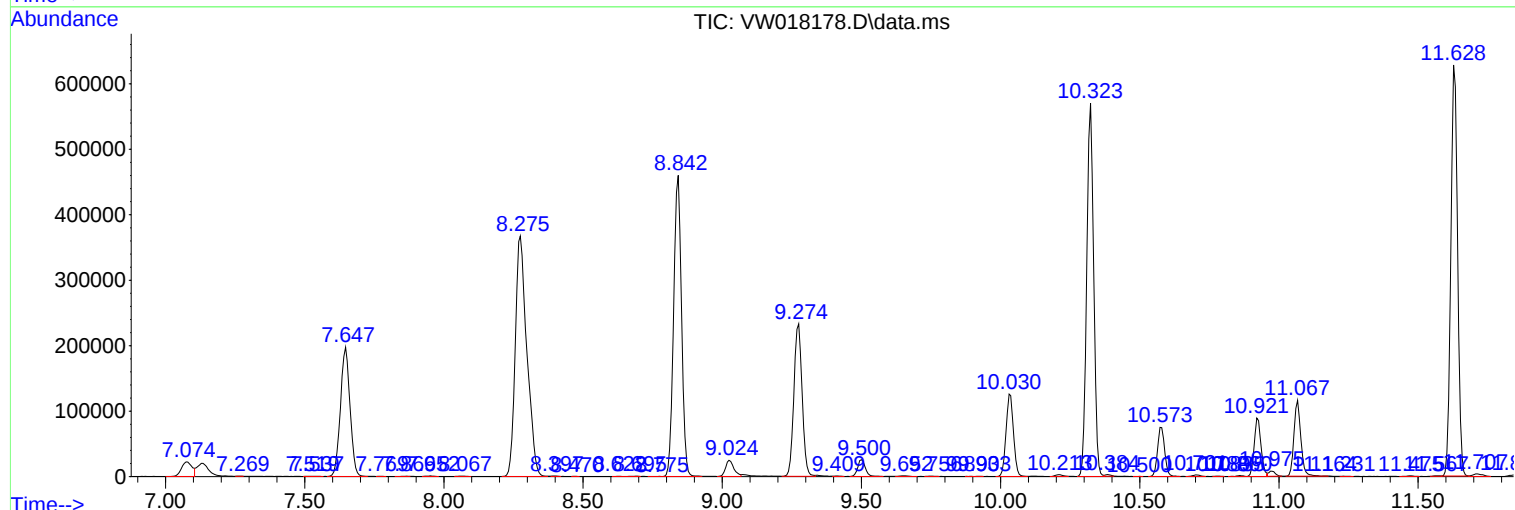
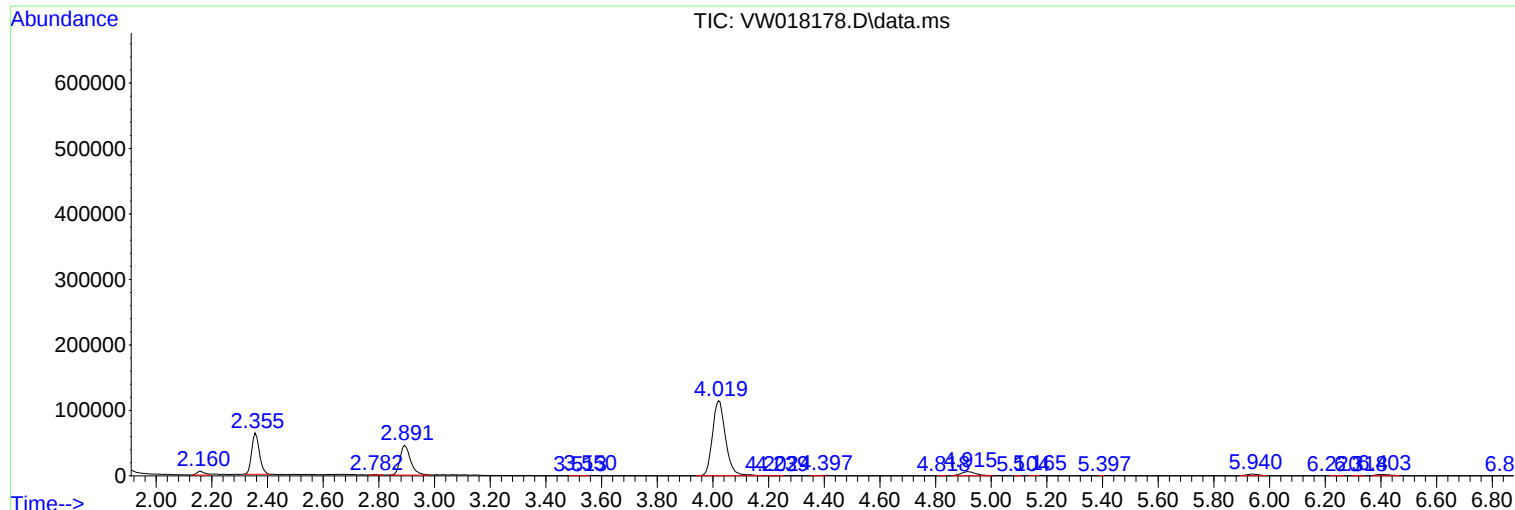
Sum of corrected areas: 9753399

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
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DBH34

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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



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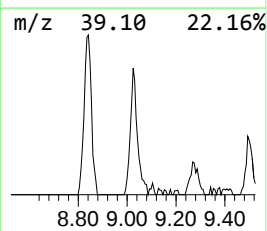
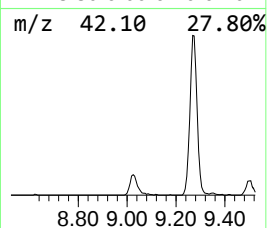
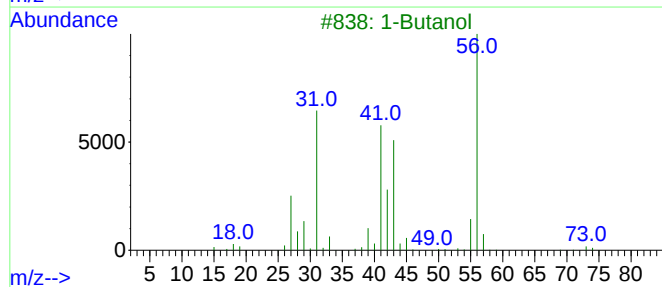
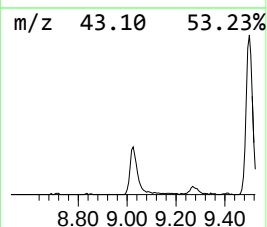
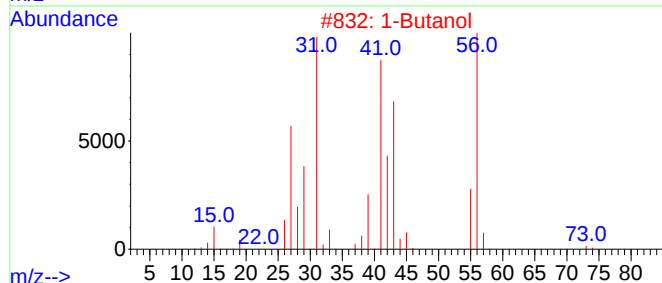
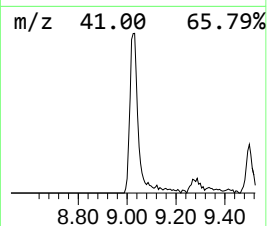
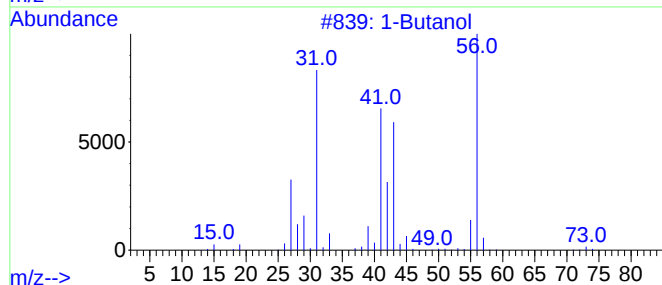
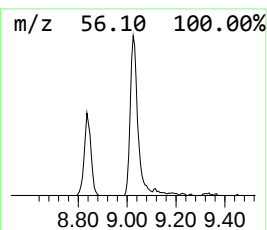
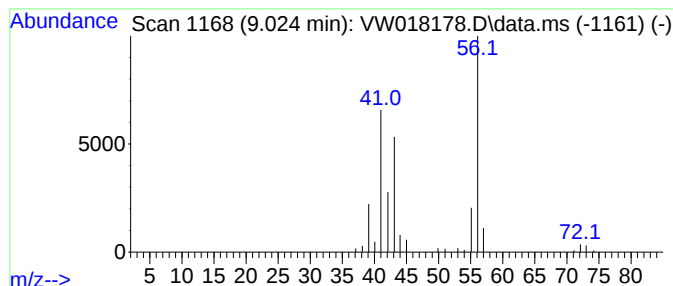
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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

Peak Number 1 1-Butanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.024	1.41 ug/L	51184	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol			74	C4H10O	000071-36-3	78
2	1-Butanol			74	C4H10O	000071-36-3	78
3	1-Butanol			74	C4H10O	000071-36-3	74
4	1-Butanol			74	C4H10O	000071-36-3	72
5	1-Butanol			74	C4H10O	000071-36-3	42



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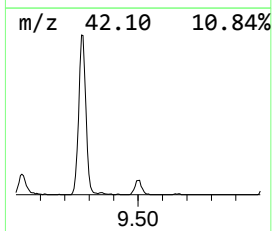
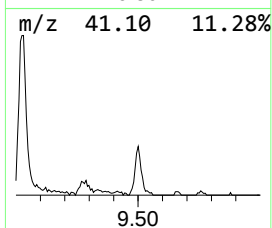
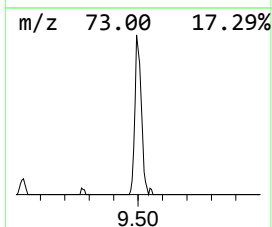
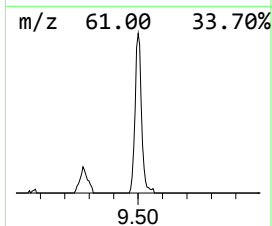
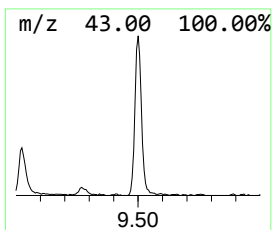
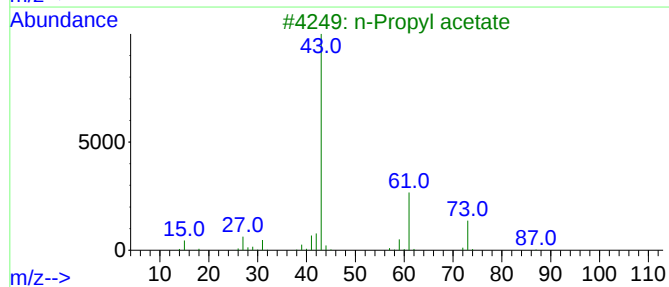
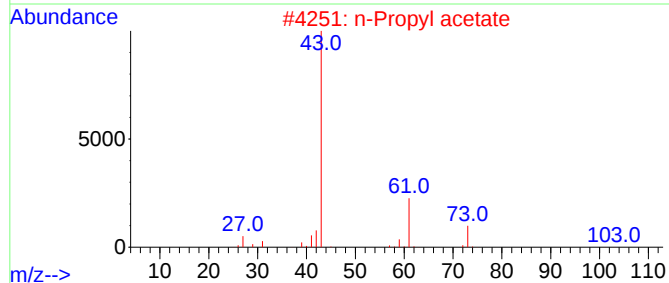
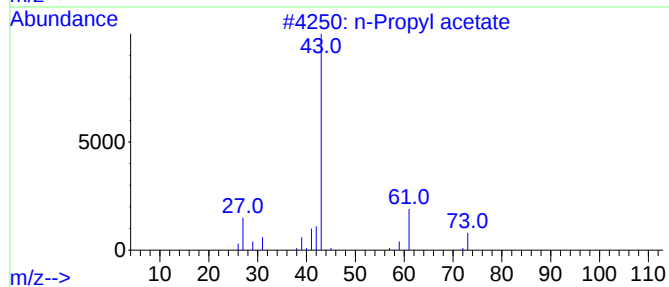
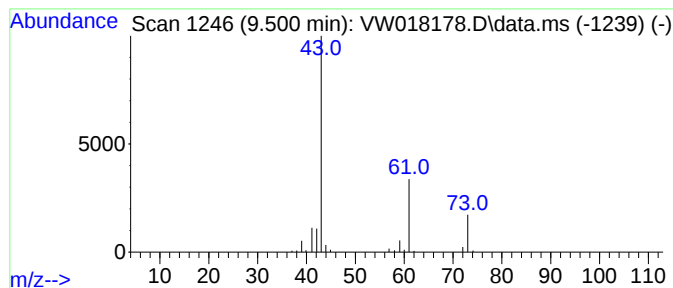
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Quant Title : VOC Analysis

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

Peak Number 2 n-Propyl acetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.500	1.35 ug/L	48884	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate			102	C5H10O2	000109-60-4	78
2	n-Propyl acetate			102	C5H10O2	000109-60-4	74
3	n-Propyl acetate			102	C5H10O2	000109-60-4	64
4	Acetic acid, pentyl ester			130	C7H14O2	000628-63-7	33
5	Isobutyl acetate			116	C6H12O2	000110-19-0	9



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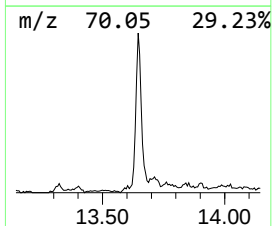
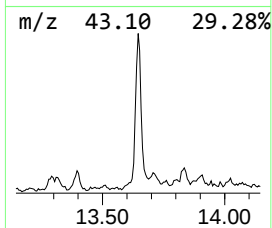
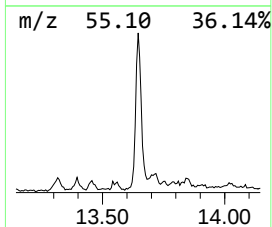
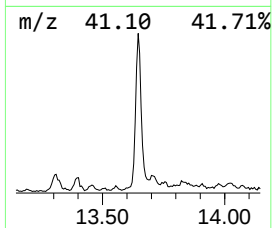
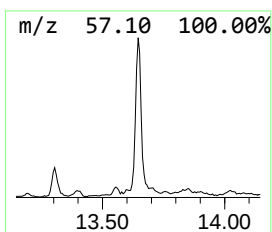
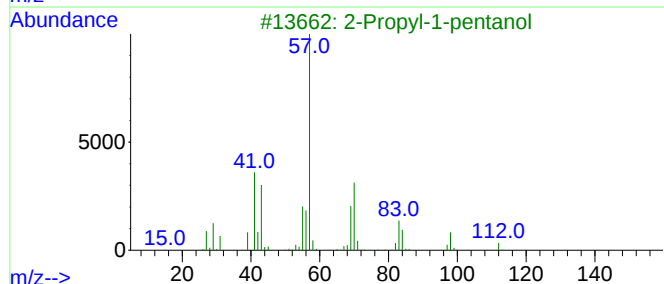
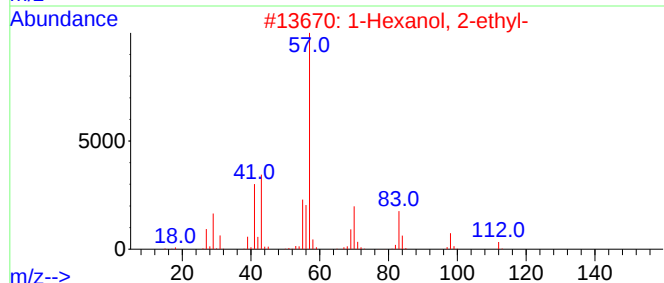
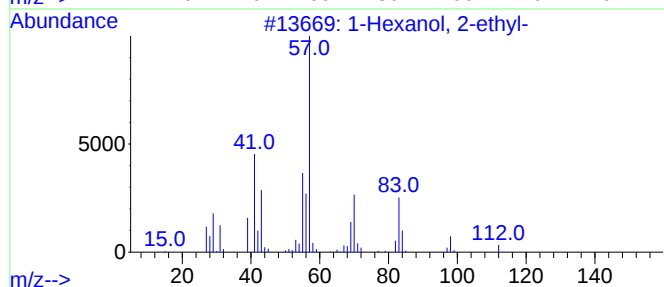
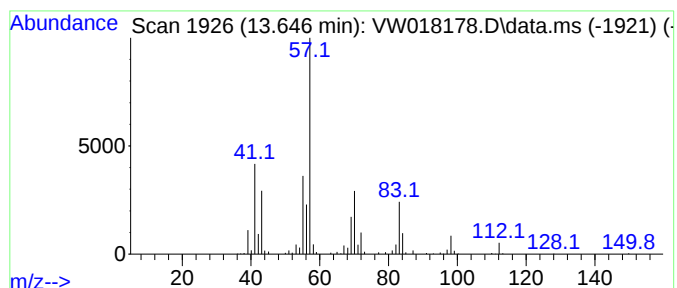
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Quant Title : VOC Analysis

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

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.646	4.13 ug/L	181433	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	72
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
Data File : VW018178.D
Acq On : 17 Feb 2021 11:45
Operator : SY/VA
Sample : M1414-22
Misc : 4.04G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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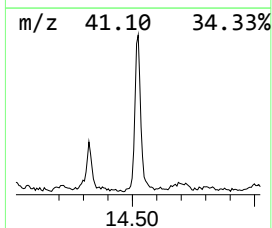
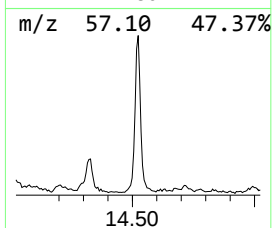
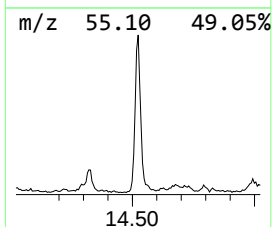
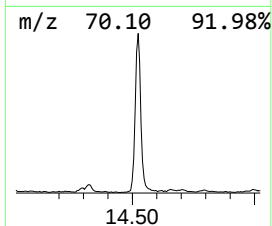
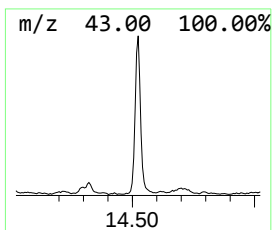
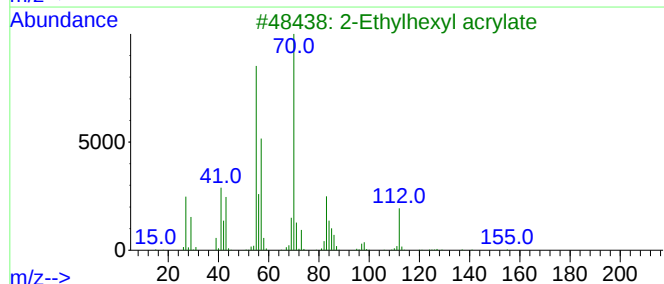
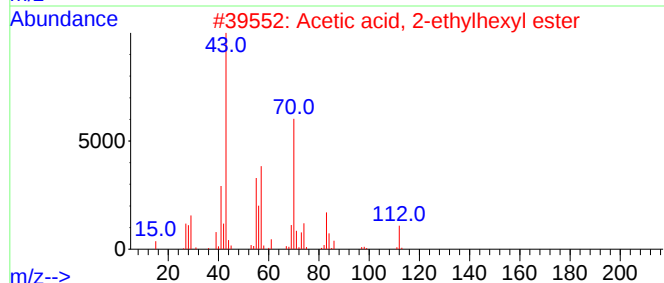
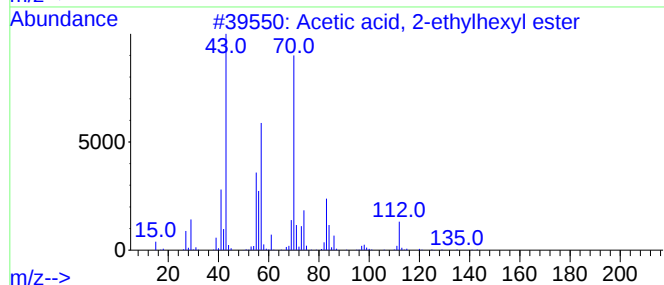
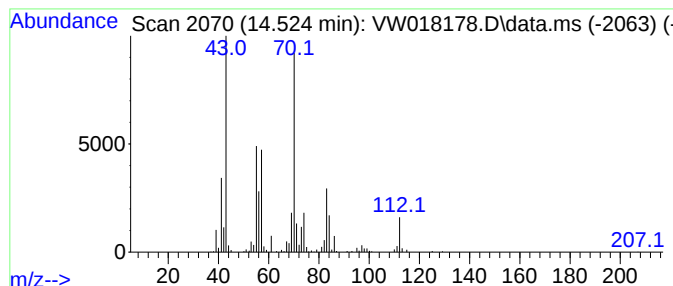
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Quant Title : VOC Analysis

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

Peak Number 7 Acetic acid, 2-ethylhexyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.524	5.80 ug/L	254425	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	91
2			Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	90
3			2-Ethylhexyl acrylate	184	C11H20O2	000103-11-7	78
4			3-Methylheptyl acetate	172	C10H20O2	072218-58-7	78
5			Carbonic acid, propargyl 2-ethyl...	212	C12H20O3	1000357-90-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
Data File : VW018178.D
Acq On : 17 Feb 2021 11:45
Operator : SY/VA
Sample : M1414-22
Misc : 4.04G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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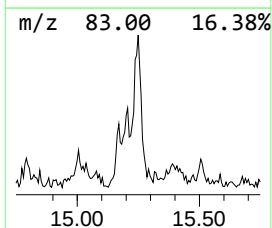
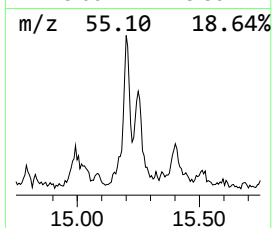
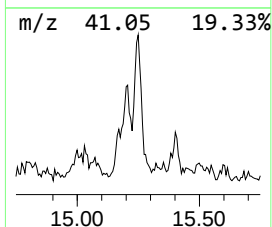
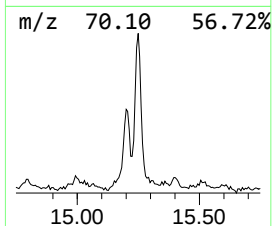
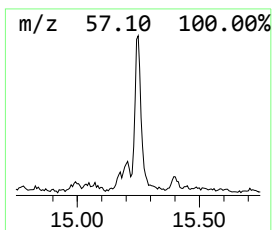
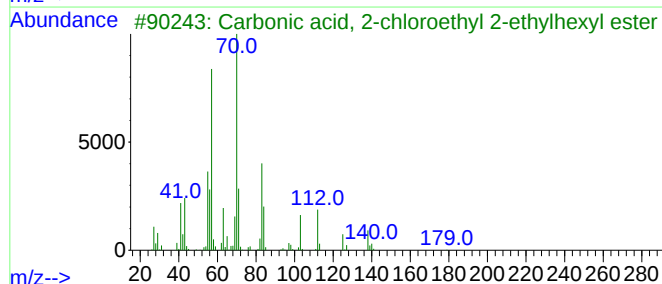
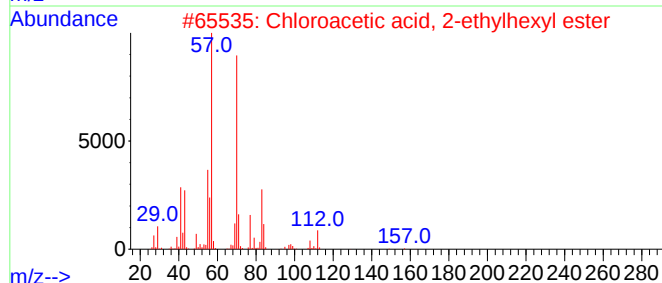
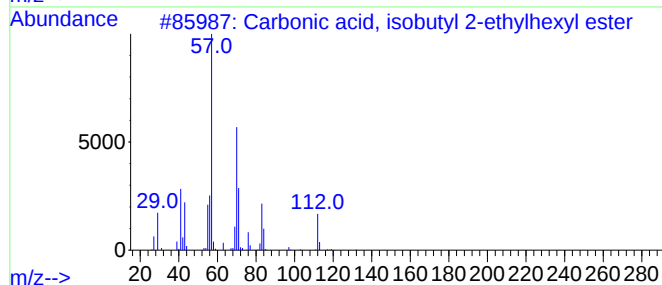
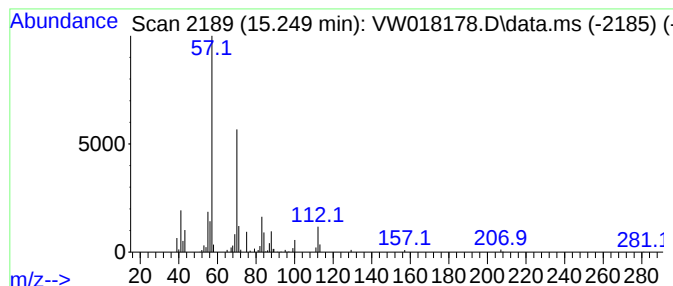
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Quant Title : VOC Analysis

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

Peak Number 8 Carbonic acid, isobutyl 2-e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.249	1.59 ug/L	69865	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	59
2			Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	47
3			Carbonic acid, 2-chloroethyl 2-e...	236	C11H21ClO3	1000357-88-2	47
4			2-Ethylhexyl acrylate	184	C11H20O2	000103-11-7	43
5			Dichloroacetic acid, 2-ethylhexy...	240	C10H18Cl2O2	068144-72-9	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
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Acq On : 17 Feb 2021 11:45
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Misc : 4.04G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH34

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.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
1-Butanol	9.024	1.4	ug/L	51184	1	8.842	904644	25.0
n-Propyl acetate	9.500	1.4	ug/L	48884	1	8.842	904644	25.0
1-Hexanol, 2-et...	13.646	4.1	ug/L	181433	3	13.560	1097490	25.0
Acetic acid, 2-...	14.524	5.8	ug/L	254425	3	13.560	1097490	25.0
Carbonic acid, ...	15.249	1.6	ug/L	69865	3	13.560	1097490	25.0