

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021921\
 Data File : VW018210.D
 Acq On : 19 Feb 2021 13:49
 Operator : SY/VA
 Sample : M1371-19
 Misc : 4.03G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH33

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: VW018210.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	37	41	46	rBV4	1522	2640	0.22%	0.024%
2	2.355	66	74	88	rVB	83217	162689	13.29%	1.507%
3	2.794	144	146	148	rVB2	631	469	0.04%	0.004%
4	2.891	152	162	178	rBV	55123	144493	11.81%	1.338%
5	3.330	231	234	236	rBV	301	309	0.03%	0.003%
6	3.404	243	246	248	rVB2	241	221	0.02%	0.002%
7	3.568	270	273	275	rBV3	347	405	0.03%	0.004%
8	3.605	275	279	282	rVB	288	365	0.03%	0.003%
9	4.019	334	347	362	rBV2	148188	465864	38.06%	4.315%
10	4.397	400	409	414	rBV3	603	2076	0.17%	0.019%
11	4.470	419	421	425	rVB2	208	254	0.02%	0.002%
12	4.513	425	428	432	rBV2	175	271	0.02%	0.003%
13	4.915	482	494	515	rVB2	24885	94274	7.70%	0.873%
14	5.172	533	536	538	rBV2	438	476	0.04%	0.004%
15	5.196	538	540	544	rVB2	299	381	0.03%	0.004%
16	5.940	653	662	670	rBV3	2648	7301	0.60%	0.068%
17	6.409	731	739	741	rBV4	3134	6022	0.49%	0.056%
18	6.909	818	821	823	rBV3	213	271	0.02%	0.003%
19	7.080	839	849	853	rBV	19831	53074	4.34%	0.492%
20	7.275	877	881	883	rVV4	378	581	0.05%	0.005%
21	7.299	883	885	887	rVB4	359	251	0.02%	0.002%
22	7.385	896	899	902	rVB3	179	240	0.02%	0.002%
23	7.421	902	905	908	rBV	189	288	0.02%	0.003%
24	7.531	920	923	924	rBV2	342	390	0.03%	0.004%
25	7.647	931	942	955	rBV	216631	525037	42.90%	4.863%
26	7.756	958	960	961	rVV	297	241	0.02%	0.002%
27	7.769	961	962	968	rVB2	498	445	0.04%	0.004%
28	7.860	972	977	978	rBV2	367	342	0.03%	0.003%
29	7.939	985	990	991	rBV2	362	412	0.03%	0.004%
30	8.067	1009	1011	1014	rBV2	255	298	0.02%	0.003%
31	8.275	1035	1045	1063	rBV2	440395	1223909	100.00%	11.335%
32	8.616	1099	1101	1107	rVB2	367	496	0.04%	0.005%
33	8.701	1107	1115	1118	rBV2	391	884	0.07%	0.008%
34	8.842	1129	1138	1151	rBV	506768	997090	81.47%	9.235%
35	9.031	1162	1169	1189	rBV	26713	62543	5.11%	0.579%
36	9.274	1199	1209	1219	rBV	261582	533614	43.60%	4.942%

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

37	9.415	1225	1232	1239	rBV7	963	2075	0.17%	0.019%
38	9.500	1239	1246	1255	rBV	44489	79813	6.52%	0.739%
39	9.652	1268	1271	1272	rVV2	504	556	0.05%	0.005%
40	10.030	1325	1333	1345	rBV	145783	263376	21.52%	2.439%
41	10.116	1345	1347	1349	rBV2	291	339	0.03%	0.003%
42	10.158	1351	1354	1357	rBV2	267	230	0.02%	0.002%
43	10.207	1357	1362	1372	rVB2	2998	5800	0.47%	0.054%
44	10.323	1372	1381	1389	rBV	665951	1177053	96.17%	10.901%
45	10.579	1414	1423	1433	rBV	85717	150335	12.28%	1.392%
46	10.701	1437	1443	1452	rBV	3955	7128	0.58%	0.066%
47	10.823	1459	1463	1464	rBV	304	307	0.03%	0.003%
48	10.866	1466	1470	1472	rVB3	484	616	0.05%	0.006%
49	10.921	1473	1479	1485	rBV	82772	140019	11.44%	1.297%
50	10.975	1485	1488	1496	rVB2	9600	15468	1.26%	0.143%
51	11.067	1496	1503	1515	rBV	132596	227745	18.61%	2.109%
52	11.305	1540	1542	1544	rBV	264	215	0.02%	0.002%
53	11.329	1544	1546	1550	rVB2	240	247	0.02%	0.002%
54	11.396	1554	1557	1560	rBV2	259	324	0.03%	0.003%
55	11.463	1564	1568	1573	rBV3	1073	1647	0.13%	0.015%
56	11.567	1579	1585	1588	rBV3	1457	2274	0.19%	0.021%
57	11.628	1588	1595	1604	rVV	676333	1144894	93.54%	10.604%
58	11.707	1604	1608	1616	rVB2	5502	10171	0.83%	0.094%
59	11.847	1623	1631	1632	rBV4	1408	2714	0.22%	0.025%
60	11.902	1638	1640	1644	rVB5	970	1194	0.10%	0.011%
61	11.945	1644	1647	1648	rVB2	256	248	0.02%	0.002%
62	12.018	1657	1659	1663	rVB4	256	288	0.02%	0.003%
63	12.091	1664	1671	1677	rVV2	5854	11573	0.95%	0.107%
64	12.152	1677	1681	1685	rVV2	7046	12755	1.04%	0.118%
65	12.195	1685	1688	1692	rVV2	6183	9580	0.78%	0.089%
66	12.237	1692	1695	1707	rVB4	3349	6287	0.51%	0.058%
67	12.335	1707	1711	1718	rBV4	4236	7692	0.63%	0.071%
68	12.451	1723	1730	1739	rBV3	11649	24094	1.97%	0.223%
69	12.554	1741	1747	1751	rVV3	10732	20730	1.69%	0.192%
70	12.603	1751	1755	1761	rVV	10007	18036	1.47%	0.167%
71	12.688	1761	1769	1776	rVV	168217	285085	23.29%	2.640%
72	12.749	1776	1779	1787	rVB5	2964	5304	0.43%	0.049%
73	12.890	1795	1802	1805	rBV5	1085	2703	0.22%	0.025%
74	12.932	1805	1809	1810	rVV2	2763	3221	0.26%	0.030%
75	12.969	1810	1815	1825	rVB	34505	54193	4.43%	0.502%
76	13.079	1830	1833	1835	rBV3	844	1251	0.10%	0.012%

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Title : VOC Analysis

77	13.115	1835	1839	1848	rVB5	3311	7436	0.61%	0.069%
78	13.194	1848	1852	1858	rBV6	1538	3327	0.27%	0.031%
79	13.310	1858	1871	1880	rBV4	15211	36025	2.94%	0.334%
80	13.396	1880	1885	1891	rBV3	9846	17008	1.39%	0.158%
81	13.463	1891	1896	1900	rBV5	12286	21837	1.78%	0.202%
82	13.554	1905	1911	1918	rBV	756135	1188079	97.07%	11.004%
83	13.646	1921	1926	1934	rBV	107788	170053	13.89%	1.575%
84	13.853	1953	1960	1967	rBV	566695	916718	74.90%	8.490%
85	14.066	1991	1995	2003	rVB2	27263	46104	3.77%	0.427%
86	14.194	2012	2016	2019	rBV3	4325	8151	0.67%	0.075%
87	14.292	2029	2032	2033	rBV	6127	6709	0.55%	0.062%
88	14.322	2033	2037	2045	rVB2	24808	40732	3.33%	0.377%
89	14.524	2063	2070	2082	rBV	142789	230299	18.82%	2.133%
90	14.621	2083	2086	2090	rBV5	3599	5126	0.42%	0.047%
91	15.200	2179	2181	2185	rVV3	9589	12556	1.03%	0.116%
92	15.249	2185	2189	2197	rVB2	26931	49054	4.01%	0.454%
93	15.487	2225	2228	2235	rBV2	4532	8295	0.68%	0.077%
94	15.883	2290	2293	2298	rVB6	3025	5639	0.46%	0.052%
95	15.962	2301	2306	2316	rBV10	3409	9624	0.79%	0.089%
96	16.090	2322	2327	2338	rVB8	6433	15716	1.28%	0.146%
97	16.279	2356	2358	2364	rBV7	932	1595	0.13%	0.015%
98	16.359	2367	2371	2377	rVB6	2010	3604	0.29%	0.033%
99	16.450	2383	2386	2392	rVB6	2215	3638	0.30%	0.034%
100	16.566	2400	2405	2410	rVB6	2264	3413	0.28%	0.032%

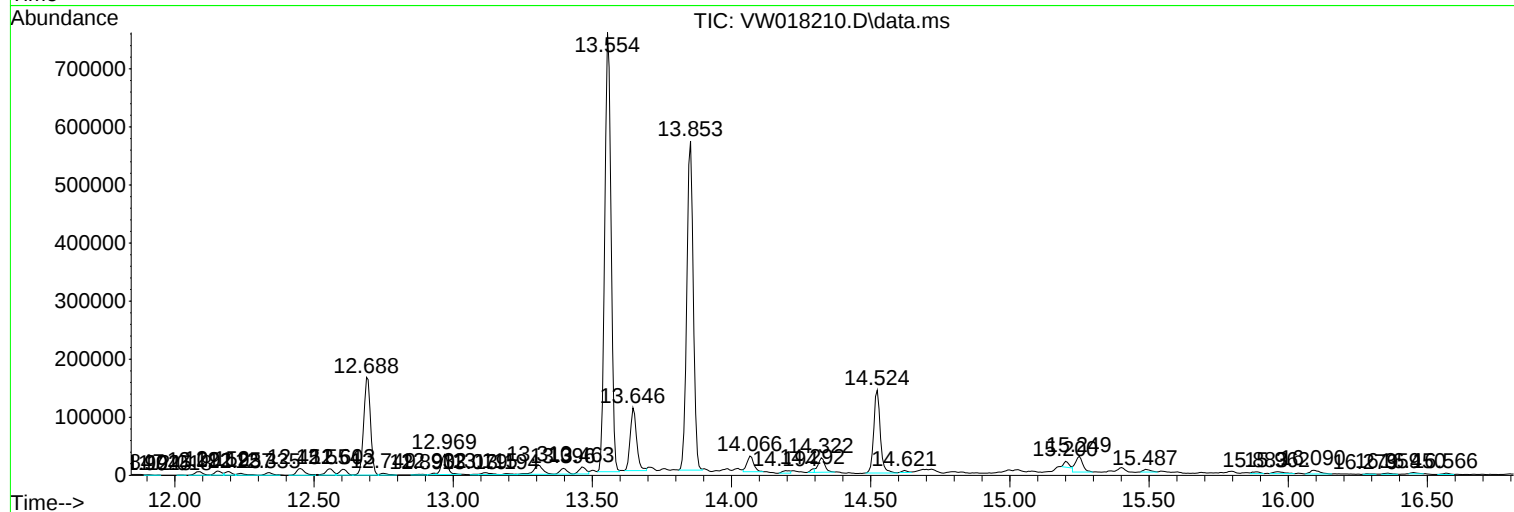
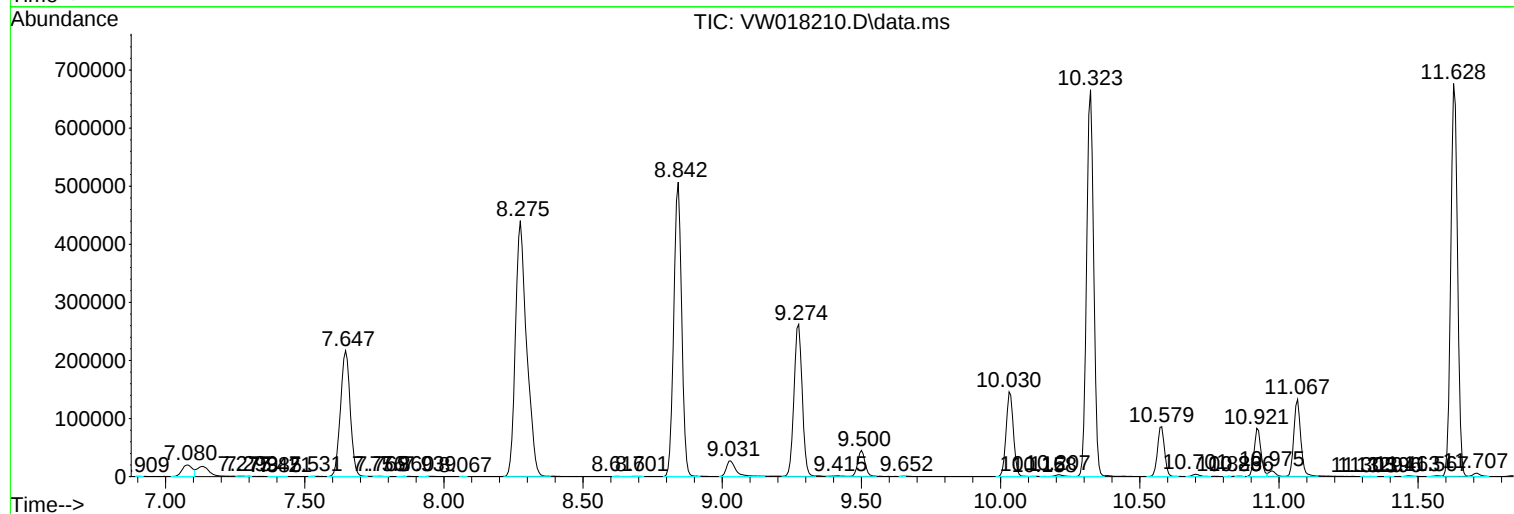
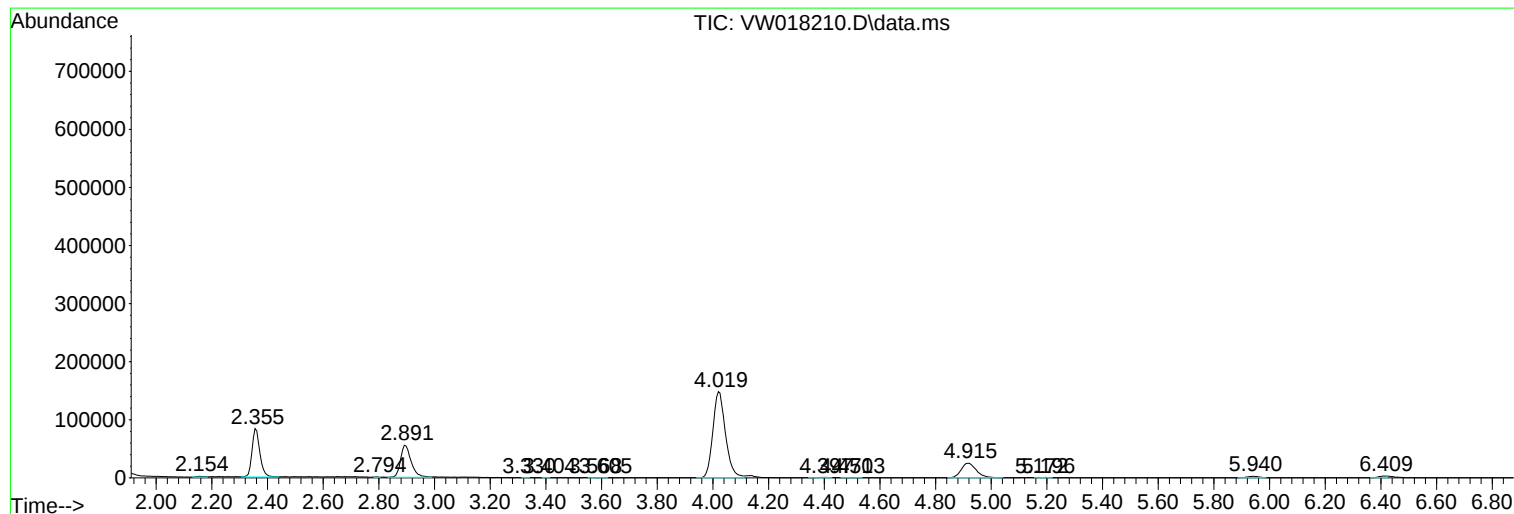
Sum of corrected areas: 10797234

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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



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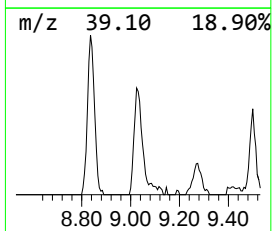
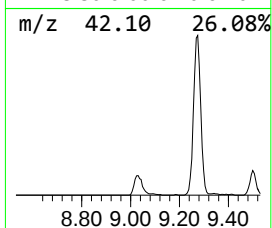
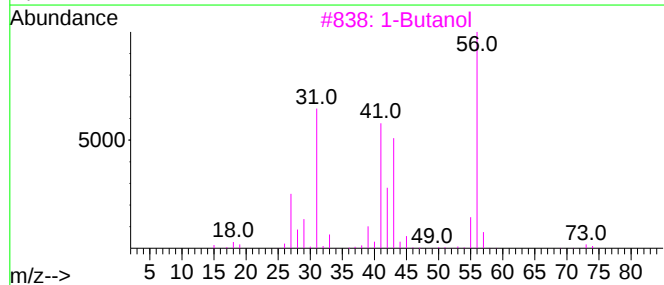
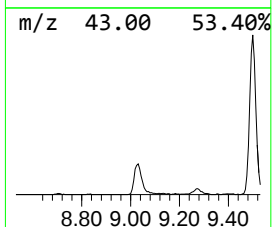
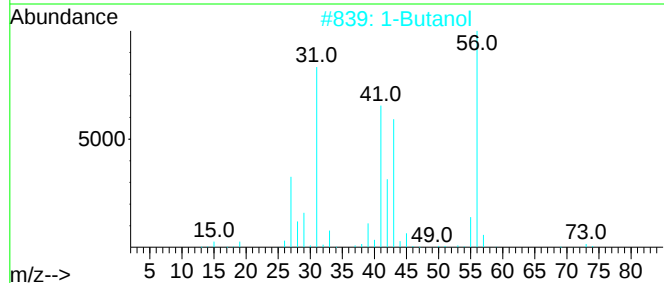
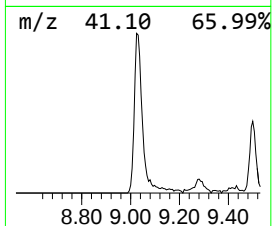
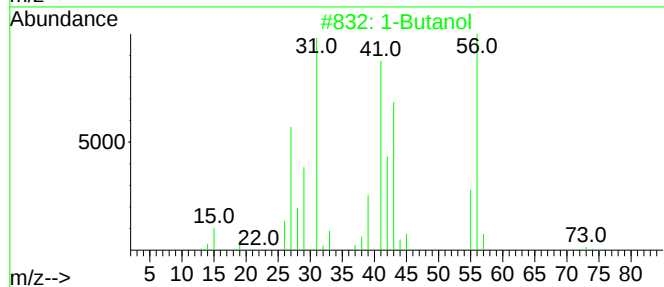
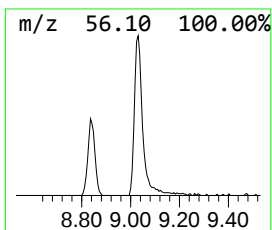
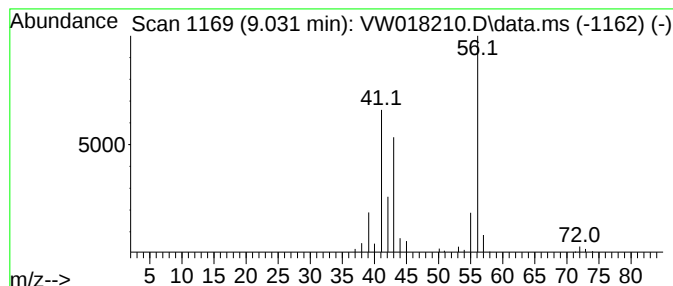
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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.
9.031	1.57 ug/L	62543	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol			74	C4H10O	000071-36-3	90
2	1-Butanol			74	C4H10O	000071-36-3	90
3	1-Butanol			74	C4H10O	000071-36-3	90
4	1-Butanol			74	C4H10O	000071-36-3	74
5	Oxetane, 2,3,4-trimethyl-, (2.al...			100	C6H12O	032347-12-9	38



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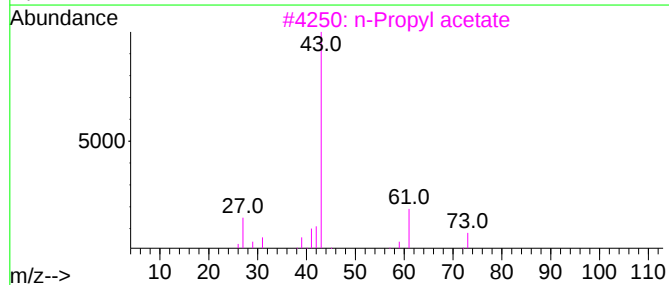
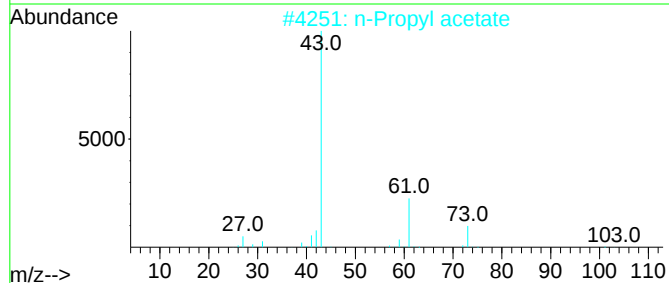
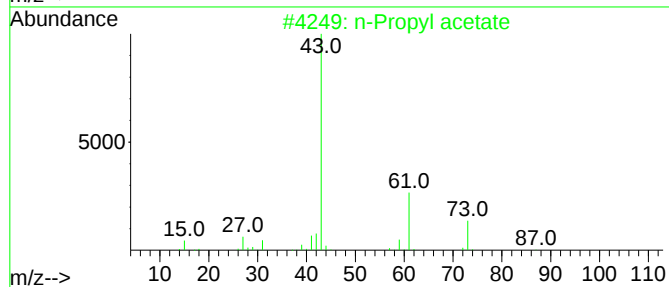
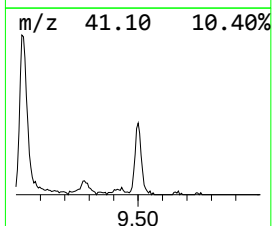
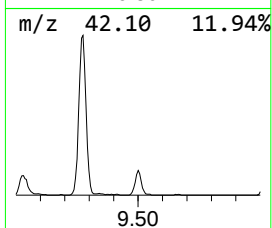
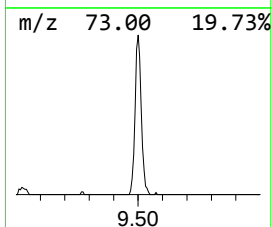
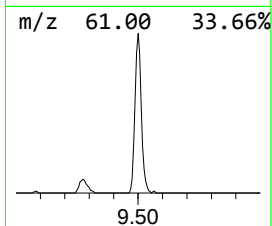
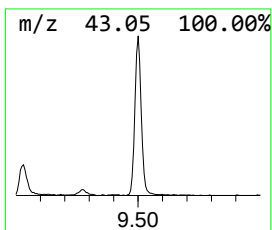
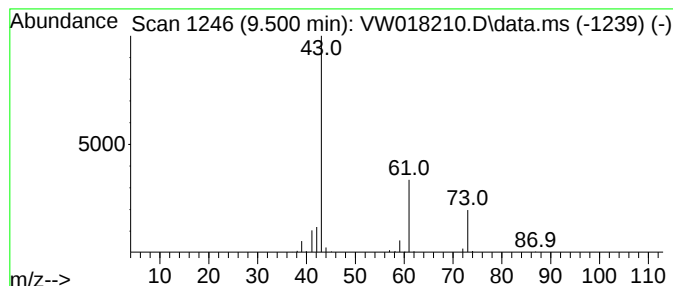
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Quant Title : VOC Analysis

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

Peak Number 2 n-Propyl acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.500	2.00 ug/L	79813	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate			102	C5H10O2	000109-60-4	83
2	n-Propyl acetate			102	C5H10O2	000109-60-4	83
3	n-Propyl acetate			102	C5H10O2	000109-60-4	9
4	Isobutyl acetate			116	C6H12O2	000110-19-0	9
5	Acetamide, N-acetyl-N-methyl-			115	C5H9NO2	001113-68-4	9



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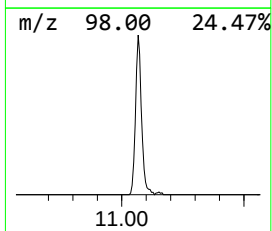
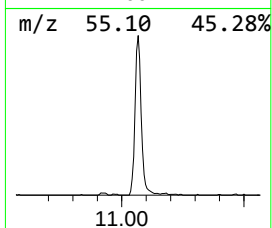
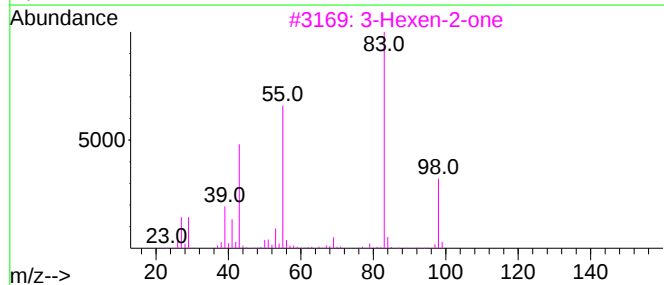
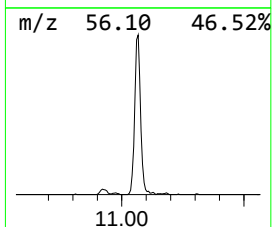
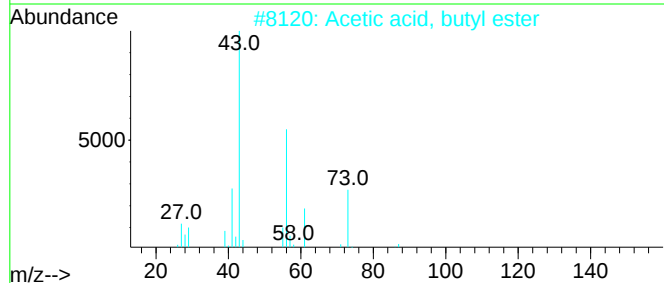
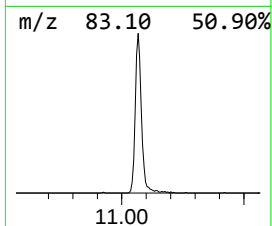
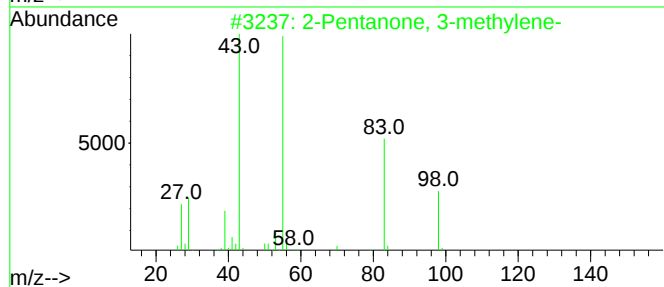
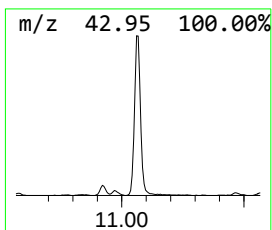
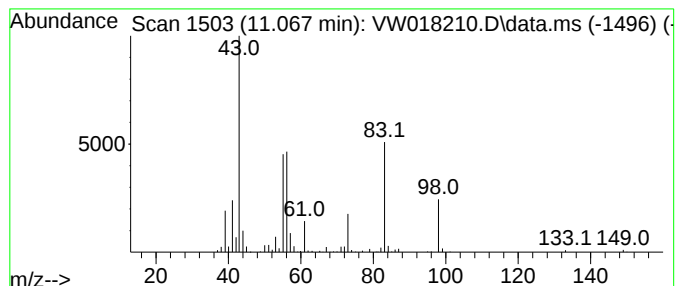
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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

Peak Number 4 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.067	4.97 ug/L	227745	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 3-methylene-			98	C6H10O	004359-77-7	46
2	Acetic acid, butyl ester			116	C6H12O2	000123-86-4	43
3	3-Hexen-2-one			98	C6H10O	000763-93-9	41
4	2-Pentene, 3,4-dimethyl-, (E)-			98	C7H14	004914-92-5	38
5	Acetic acid, butyl ester			116	C6H12O2	000123-86-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021921\
Data File : VW018210.D
Acq On : 19 Feb 2021 13:49
Operator : SY/VA
Sample : M1371-19
Misc : 4.03G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH33

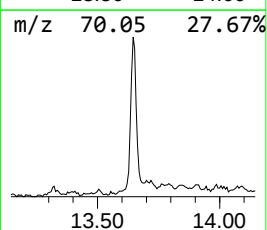
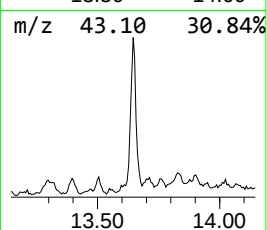
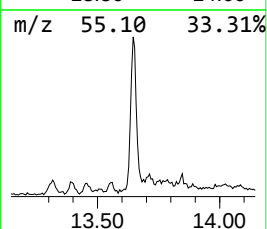
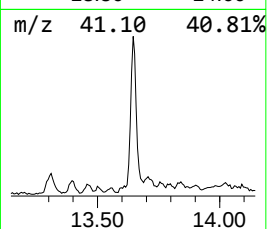
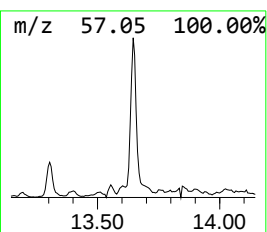
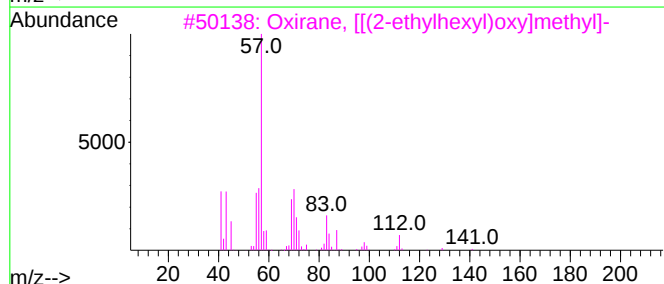
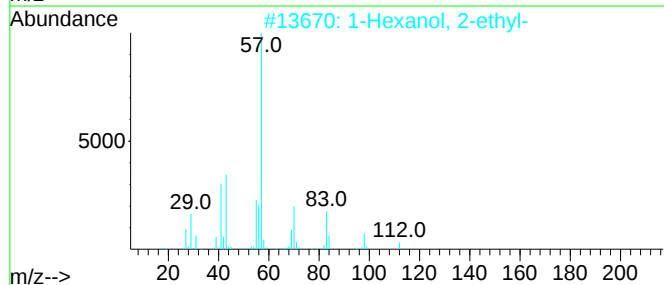
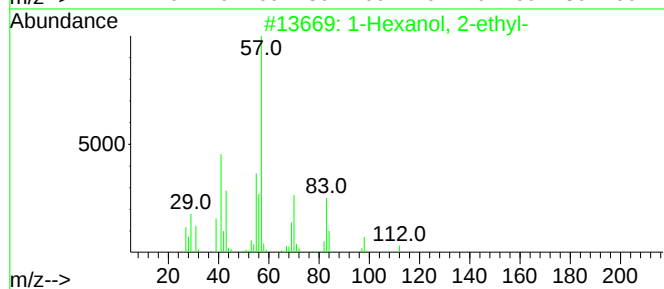
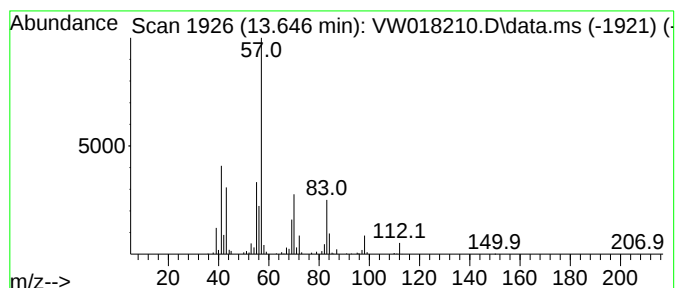
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Quant Title : VOC Analysis

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

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.646	3.58 ug/L	170053	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3			Oxirane, [[(2-ethylhexyl)oxy]met...	186	C11H22O2	002461-15-6	64
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021921\
Data File : VW018210.D
Acq On : 19 Feb 2021 13:49
Operator : SY/VA
Sample : M1371-19
Misc : 4.03G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH33

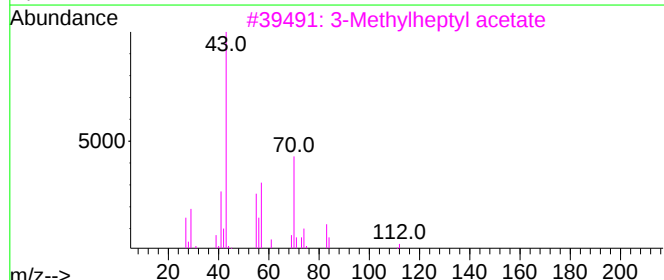
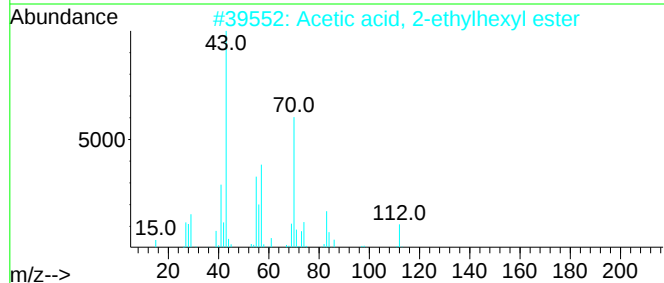
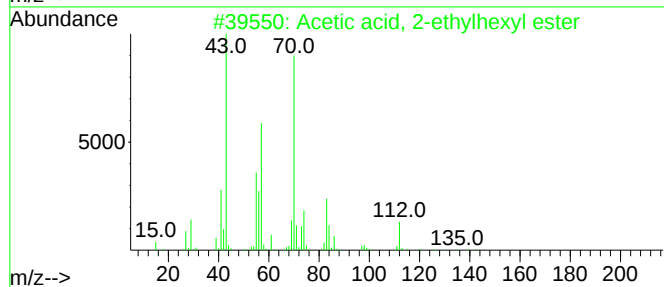
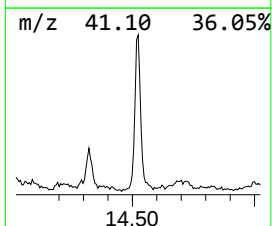
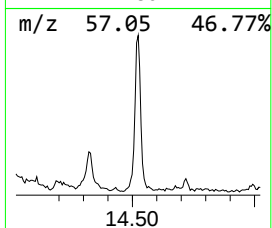
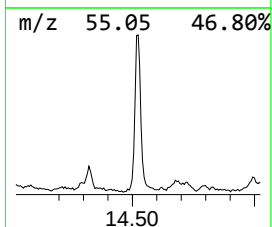
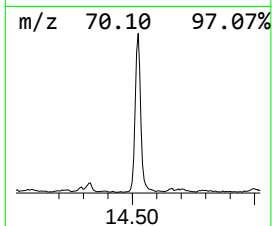
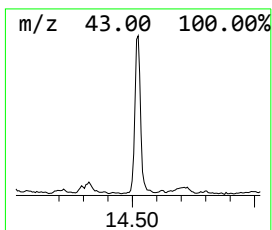
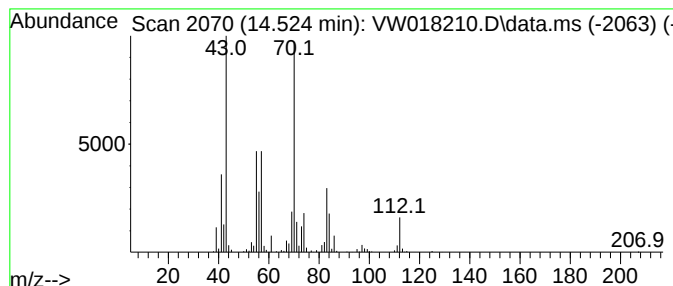
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Quant Title : VOC Analysis

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

Peak Number 6 Acetic acid, 2-ethylhexyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.524	4.85 ug/L	230299	1,4-Dichlorobenzene-d4	13.554

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			3-Methylheptyl acetate	172	C10H20O2	072218-58-7	72
4			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	68
5			Carbonic acid, propargyl 2-ethyl...	212	C12H20O3	1000357-90-9	64



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Misc : 4.03G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH33

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	9.031	1.6	ug/L	62543	1	8.842	997090	25.0
n-Propyl acetate	9.500	2.0	ug/L	79813	1	8.842	997090	25.0
unknown-01	11.067	5.0	ug/L	227745	2	11.628	1144890	25.0
1-Hexanol, 2-et...	13.646	3.6	ug/L	170053	3	13.554	1188080	25.0
Acetic acid, 2-...	14.524	4.8	ug/L	230299	3	13.554	1188080	25.0