

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018109.D
 Acq On : 12 Feb 2021 14:47
 Operator : SY/VA
 Sample : M1371-17
 Misc : 3.66G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH31

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: VW018109.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	68	74	86	rVB	69348	136254	10.56%	1.085%
2	2.891	154	162	179	rBV	53666	137059	10.62%	1.092%
3	3.251	219	221	226	rVB2	327	563	0.04%	0.004%
4	3.288	226	227	231	rBV	246	221	0.02%	0.002%
5	3.397	241	245	247	rBV2	364	374	0.03%	0.003%
6	3.525	264	266	268	rBV3	284	292	0.02%	0.002%
7	3.757	301	304	305	rBV	174	217	0.02%	0.002%
8	3.946	332	335	336	rBV2	153	192	0.01%	0.002%
9	4.025	336	348	369	rBV2	126945	418866	32.45%	3.336%
10	4.379	399	406	407	rBV3	412	746	0.06%	0.006%
11	4.464	417	420	422	rBV	125	190	0.01%	0.002%
12	4.525	427	430	433	rBV	175	235	0.02%	0.002%
13	4.672	450	454	457	rBV3	193	271	0.02%	0.002%
14	4.922	484	495	509	rBV2	10827	39144	3.03%	0.312%
15	5.092	521	523	524	rBV	305	280	0.02%	0.002%
16	5.129	524	529	531	rBV2	605	1011	0.08%	0.008%
17	5.934	654	661	671	rVV5	3362	9999	0.77%	0.080%
18	6.391	727	736	747	rVV4	2903	9404	0.73%	0.075%
19	7.074	839	848	854	rBV	36830	103180	7.99%	0.822%
20	7.336	888	891	894	rBV2	276	346	0.03%	0.003%
21	7.366	894	896	899	rVV3	170	214	0.02%	0.002%
22	7.543	923	925	930	rVB3	374	408	0.03%	0.003%
23	7.647	932	942	957	rBV	226933	555530	43.04%	4.424%
24	7.951	986	992	995	rVV3	826	1405	0.11%	0.011%
25	8.275	1035	1045	1061	rVV2	442878	1290696	100.00%	10.279%
26	8.396	1063	1065	1067	rVV2	847	855	0.07%	0.007%
27	8.494	1078	1081	1085	rVV2	181	257	0.02%	0.002%
28	8.634	1097	1104	1108	rBV2	306	658	0.05%	0.005%
29	8.689	1112	1113	1117	rVB2	502	573	0.04%	0.005%
30	8.842	1129	1138	1156	rBV	506097	997931	77.32%	7.948%
31	9.024	1161	1168	1183	rBV	29200	67314	5.22%	0.536%
32	9.140	1185	1187	1189	rVB2	344	266	0.02%	0.002%
33	9.274	1200	1209	1219	rBV	289999	590629	45.76%	4.704%
34	9.348	1219	1221	1226	rVB4	1142	1476	0.11%	0.012%
35	9.409	1226	1231	1238	rVB3	624	1545	0.12%	0.012%
36	9.500	1238	1246	1257	rBV	30301	54172	4.20%	0.431%

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

37	9.610	1262	1264	1266	rVB2	297	254	0.02%	0.002%
38	9.665	1266	1273	1277	rBV4	1153	2079	0.16%	0.017%
39	9.756	1284	1288	1297	rVB4	997	2230	0.17%	0.018%
40	9.829	1297	1300	1304	rBV2	213	324	0.03%	0.003%
41	9.890	1304	1310	1316	rVB6	862	1813	0.14%	0.014%
42	10.036	1326	1334	1344	rBV	161860	293883	22.77%	2.340%
43	10.116	1344	1347	1348	rBV2	416	417	0.03%	0.003%
44	10.213	1355	1363	1366	rBV3	2095	4087	0.32%	0.033%
45	10.323	1373	1381	1391	rBV	660345	1145962	88.79%	9.126%
46	10.427	1396	1398	1402	rVB3	707	964	0.07%	0.008%
47	10.506	1407	1411	1415	rBV5	701	1235	0.10%	0.010%
48	10.579	1415	1423	1434	rVB	104411	179676	13.92%	1.431%
49	10.707	1438	1444	1448	rBV2	3028	5657	0.44%	0.045%
50	10.774	1451	1455	1460	rVB5	816	1177	0.09%	0.009%
51	10.841	1462	1466	1467	rBV4	664	735	0.06%	0.006%
52	10.927	1472	1480	1486	rBV	146442	252742	19.58%	2.013%
53	10.975	1486	1488	1495	rVB	9330	12694	0.98%	0.101%
54	11.067	1495	1503	1519	rBV2	156422	271282	21.02%	2.160%
55	11.298	1540	1541	1543	rVB	274	195	0.02%	0.002%
56	11.323	1543	1545	1546	rBV	202	202	0.02%	0.002%
57	11.347	1546	1549	1551	rVV2	313	373	0.03%	0.003%
58	11.365	1551	1552	1555	rVV3	321	262	0.02%	0.002%
59	11.414	1557	1560	1563	rVB4	403	391	0.03%	0.003%
60	11.469	1565	1569	1574	rBV2	1037	1685	0.13%	0.013%
61	11.567	1578	1585	1588	rBV3	1556	2878	0.22%	0.023%
62	11.628	1588	1595	1604	rVV	687228	1182605	91.63%	9.418%
63	11.707	1604	1608	1619	rVB2	3859	7558	0.59%	0.060%
64	11.841	1624	1630	1631	rBV2	828	963	0.07%	0.008%
65	11.871	1631	1635	1638	rVB4	1274	1663	0.13%	0.013%
66	12.018	1656	1659	1664	rBV4	504	879	0.07%	0.007%
67	12.085	1664	1670	1676	rBV3	6846	12812	0.99%	0.102%
68	12.158	1677	1682	1684	rBV3	4952	7467	0.58%	0.059%
69	12.195	1684	1688	1692	rVV	6976	10697	0.83%	0.085%
70	12.237	1692	1695	1699	rVB2	3183	4226	0.33%	0.034%
71	12.335	1706	1711	1719	rBV3	5870	10304	0.80%	0.082%
72	12.438	1722	1728	1739	rBV	32301	68978	5.34%	0.549%
73	12.554	1742	1747	1752	rVV2	9719	16536	1.28%	0.132%
74	12.603	1752	1755	1761	rVB	10500	16048	1.24%	0.128%
75	12.694	1761	1770	1776	rBV	248102	425690	32.98%	3.390%
76	12.755	1776	1780	1789	rVB4	4961	9089	0.70%	0.072%

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Title : VOC Analysis

77	12.835	1789	1793	1795	rBV3	586	854	0.07%	0.007%
78	12.890	1795	1802	1806	rBV5	2673	5876	0.46%	0.047%
79	12.926	1806	1808	1809	rBV	1508	1148	0.09%	0.009%
80	12.969	1810	1815	1820	rBV	36455	52409	4.06%	0.417%
81	13.115	1835	1839	1849	rVB4	7063	14243	1.10%	0.113%
82	13.194	1849	1852	1853	rBV2	1577	1737	0.13%	0.014%
83	13.310	1865	1871	1880	rVB3	17363	42490	3.29%	0.338%
84	13.396	1880	1885	1890	rVB2	17546	27213	2.11%	0.217%
85	13.457	1891	1895	1901	rBV4	6479	10930	0.85%	0.087%
86	13.554	1905	1911	1919	rBV	801796	1264603	97.98%	10.071%
87	13.646	1920	1926	1933	rBV	343115	543777	42.13%	4.331%
88	13.853	1953	1960	1966	rVB	634034	1057207	81.91%	8.420%
89	13.975	1976	1980	1984	rBV3	9111	16469	1.28%	0.131%
90	14.017	1984	1987	1991	rVV5	10650	18234	1.41%	0.145%
91	14.066	1992	1995	2002	rVB2	12834	21464	1.66%	0.171%
92	14.322	2034	2037	2048	rVB	58207	87323	6.77%	0.695%
93	14.523	2063	2070	2082	rBV	430846	661749	51.27%	5.270%
94	14.694	2090	2098	2108	rVB9	14579	56536	4.38%	0.450%
95	15.200	2178	2181	2185	rBV	38095	54713	4.24%	0.436%
96	15.249	2185	2189	2201	rVB	85213	152761	11.84%	1.217%
97	15.401	2209	2214	2219	rVB5	14372	27486	2.13%	0.219%
98	16.096	2323	2328	2342	rVB5	13048	36239	2.81%	0.289%
99	16.450	2382	2386	2399	rVB5	4813	12742	0.99%	0.101%
100	16.566	2401	2405	2411	rVB5	3933	6780	0.53%	0.054%

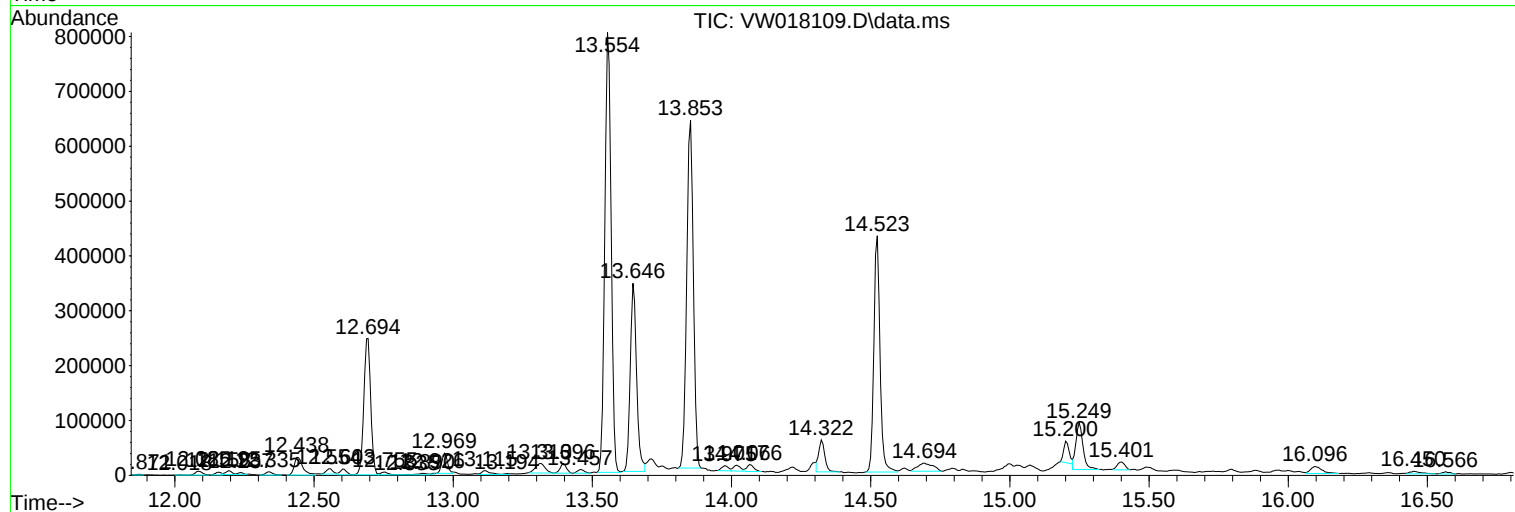
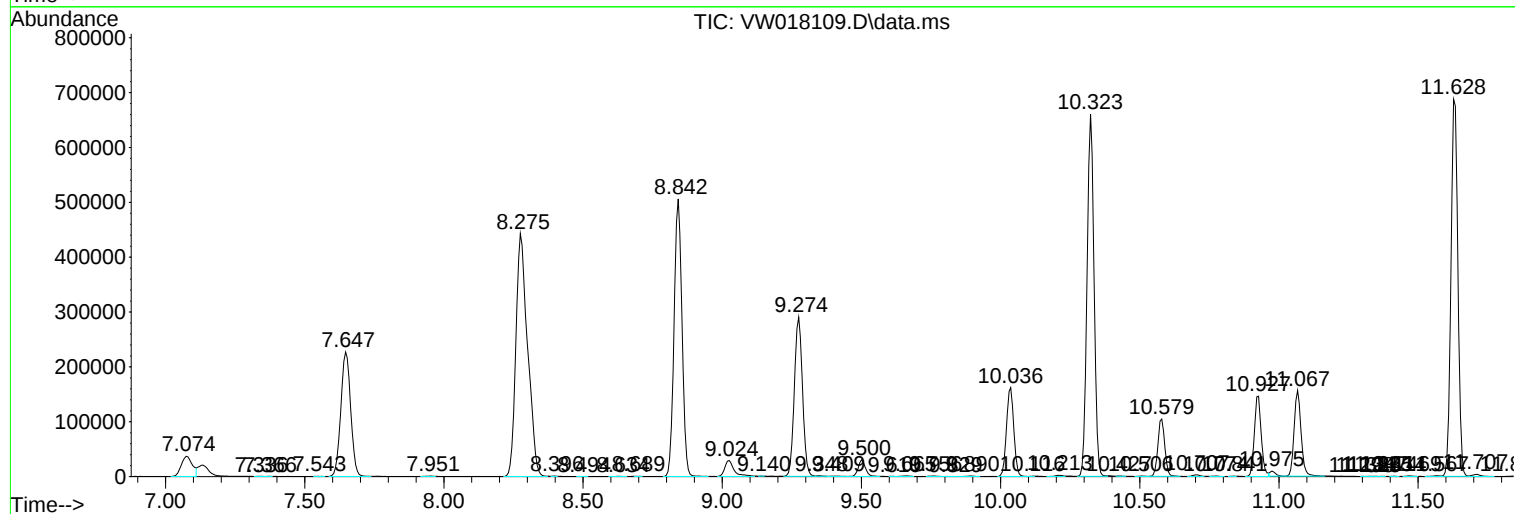
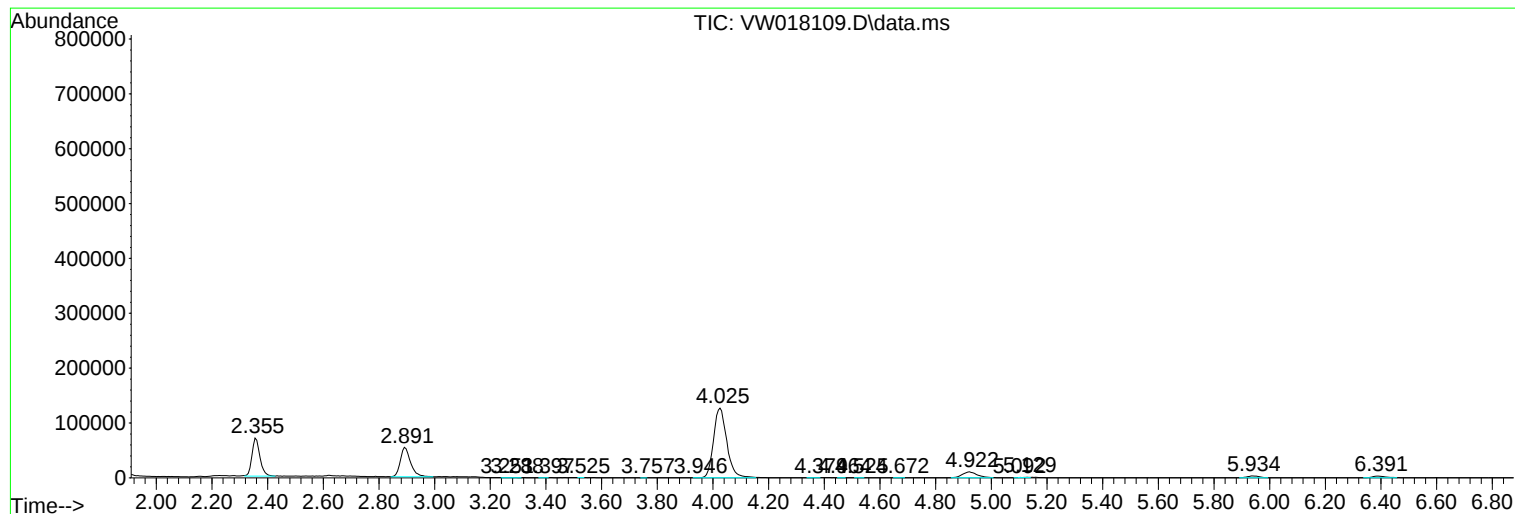
Sum of corrected areas: 12556468

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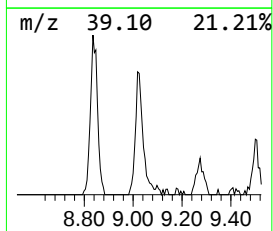
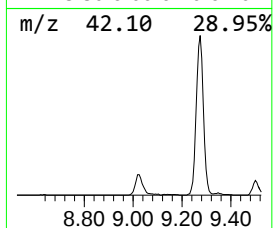
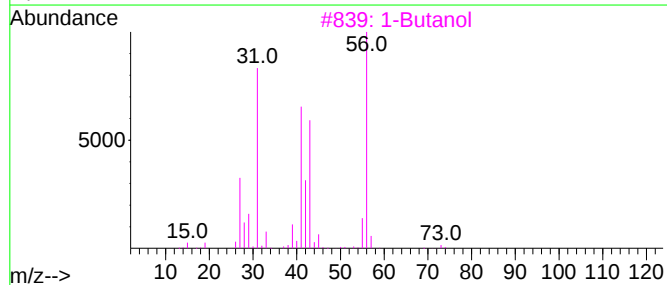
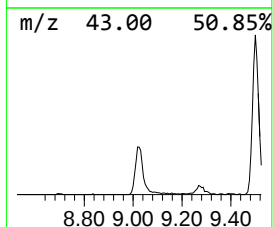
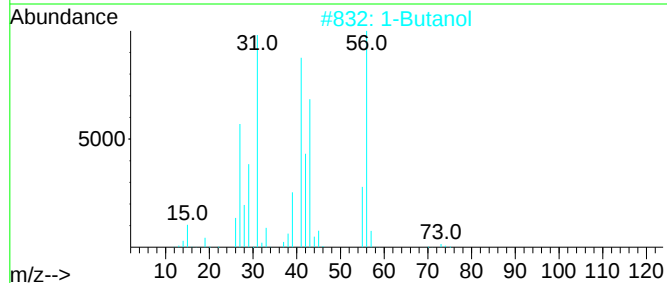
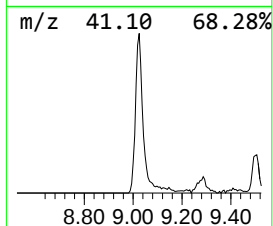
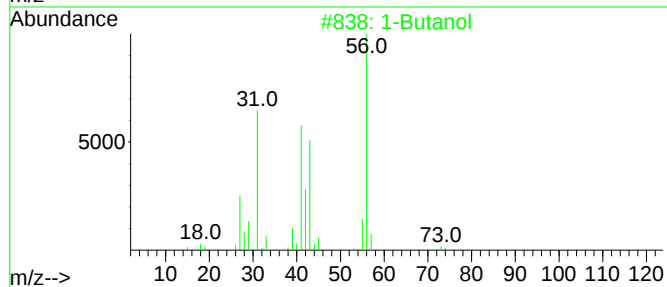
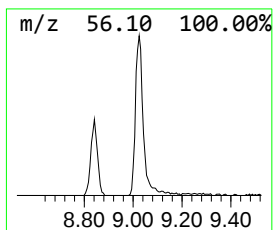
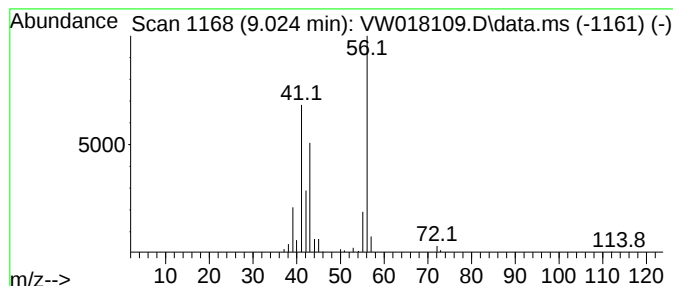
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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

Peak Number 1 1-Butanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.024	1.69 ug/L	67314	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	78
4	1-Butanol			74	C4H10O	000071-36-3	72
5	1-Propene, 2-methyl-			56	C4H8	000115-11-7	50



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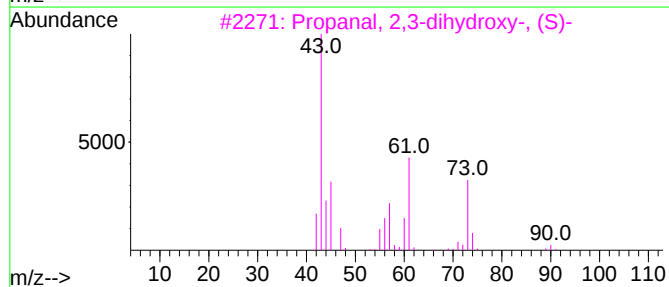
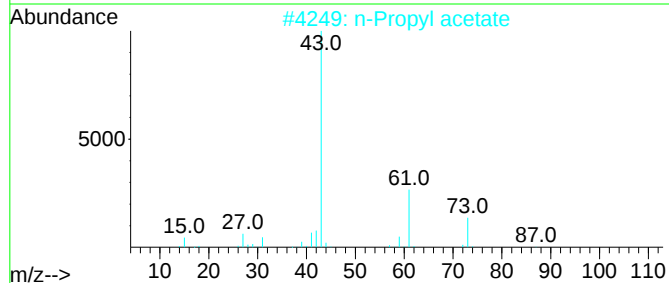
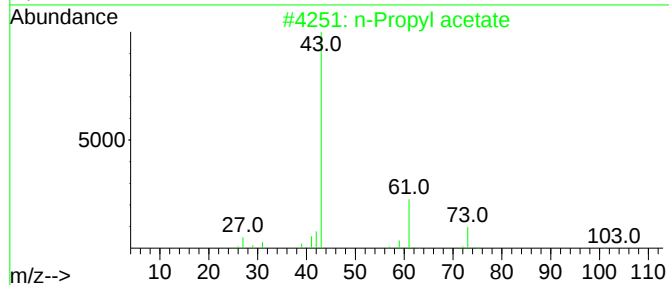
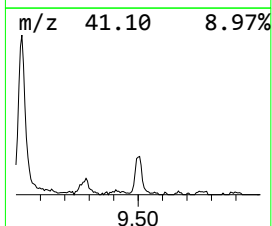
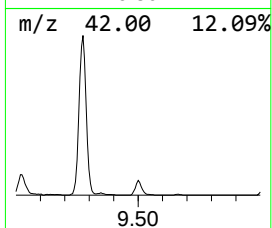
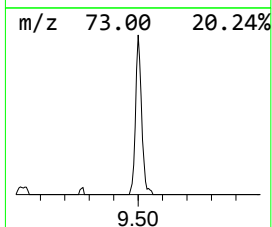
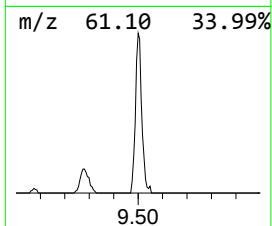
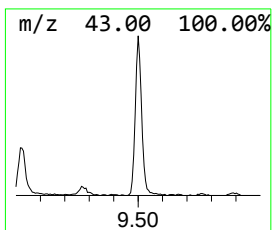
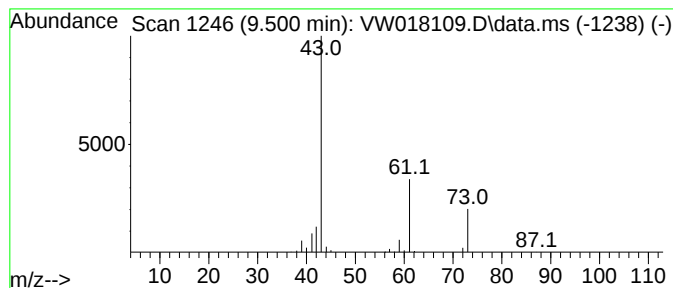
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Quant Title : VOC Analysis

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

Peak Number 2 n-Propyl acetate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.500	1.36 ug/L	54172	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			Propanal, 2,3-dihydroxy-, (S)-	90	C3H6O3	000497-09-6	38
4			Isopropyl acetate	102	C5H10O2	000108-21-4	28
5			Isopropyl acetate	102	C5H10O2	000108-21-4	28



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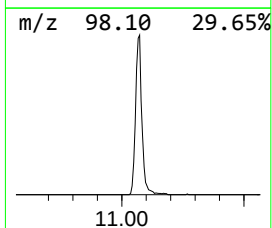
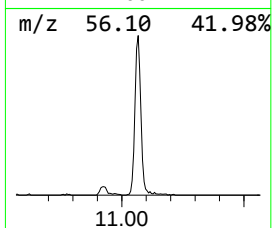
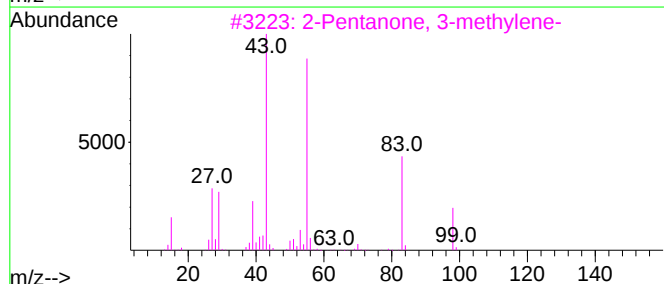
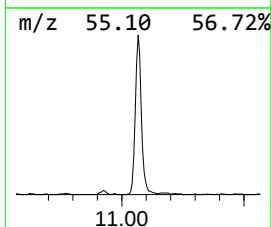
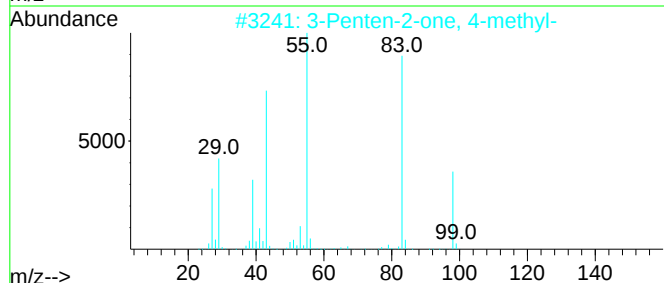
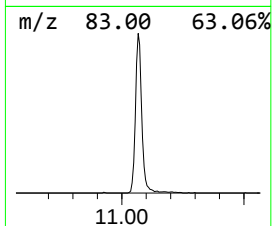
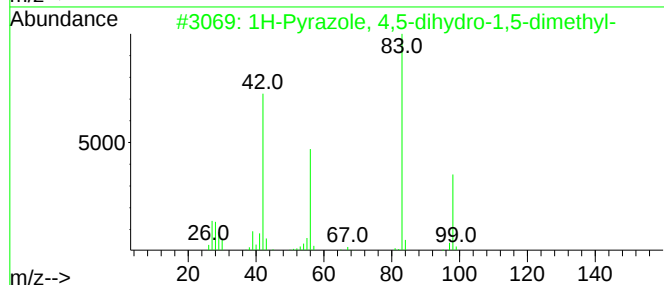
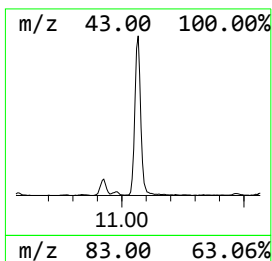
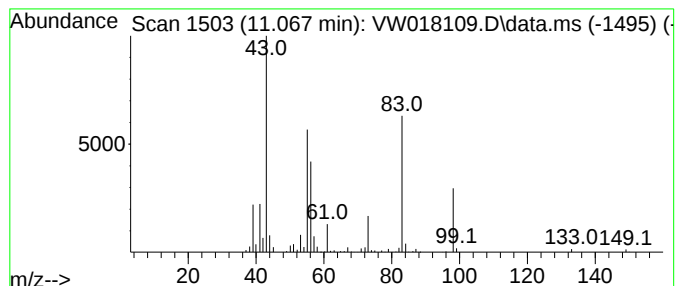
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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

Peak Number 4 1H-Pyrazole, 4,5-dihydro-1,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.067	5.73 ug/L	271282	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	52
2		3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	49
3		2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	46
4		3-Hexen-2-one	98	C6H10O	000763-93-9	45
5		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018109.D
Acq On : 12 Feb 2021 14:47
Operator : SY/VA
Sample : M1371-17
Misc : 3.66G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH31

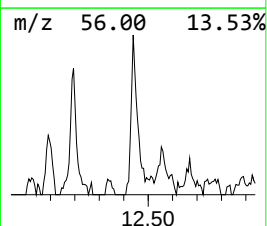
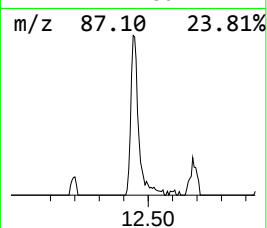
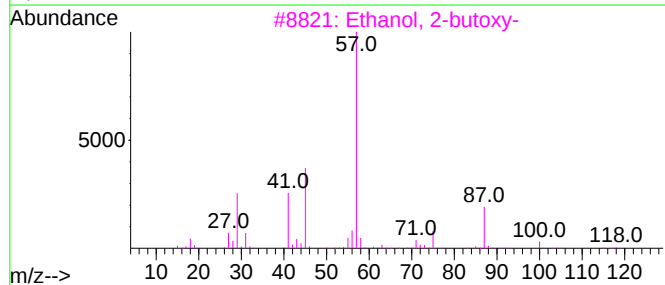
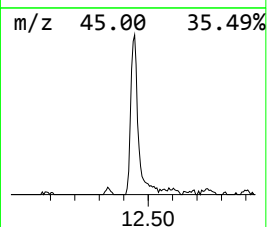
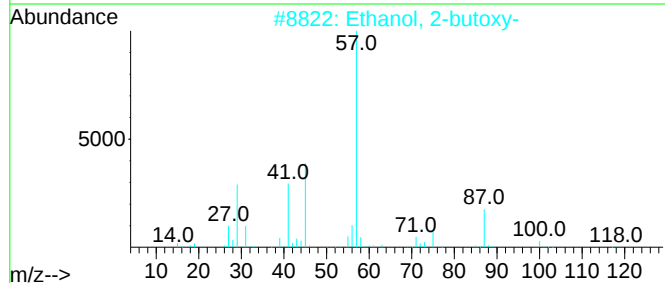
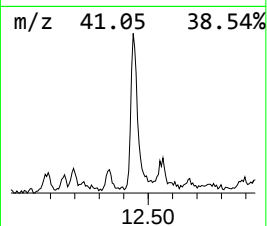
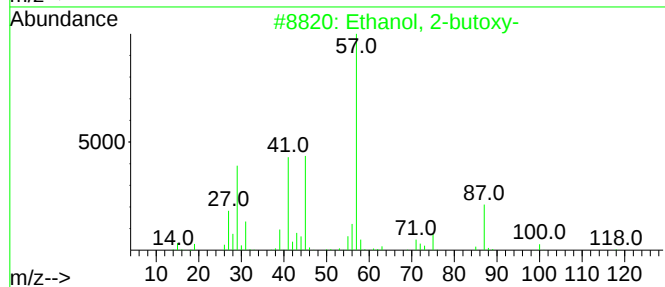
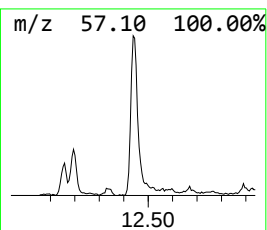
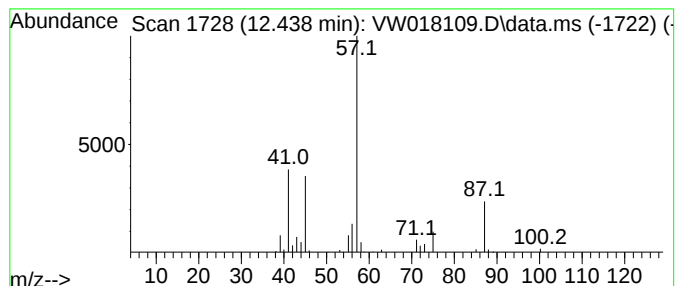
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Quant Title : VOC Analysis

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

Peak Number 5 Ethanol, 2-butoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.438	1.46 ug/L	68978	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
3			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
4			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
5			Formic acid, 3,3-dimethylbut-2-y...	130	C7H14O2	1000368-20-5	36



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018109.D
Acq On : 12 Feb 2021 14:47
Operator : SY/VA
Sample : M1371-17
Misc : 3.66G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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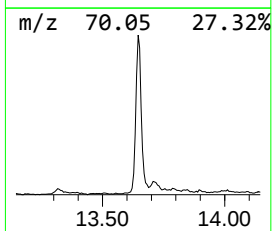
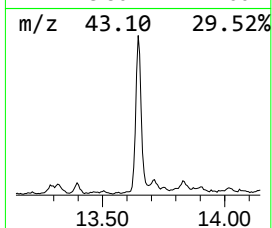
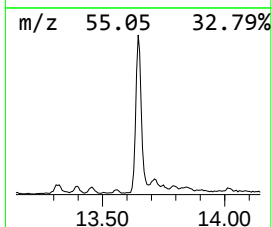
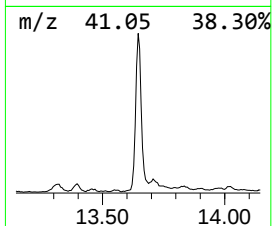
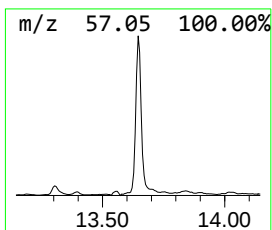
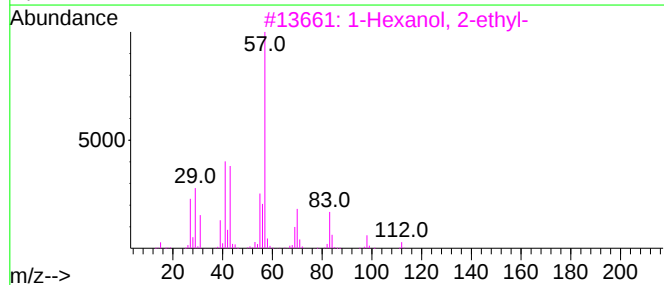
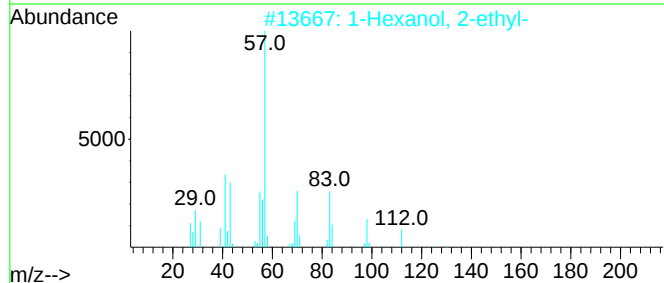
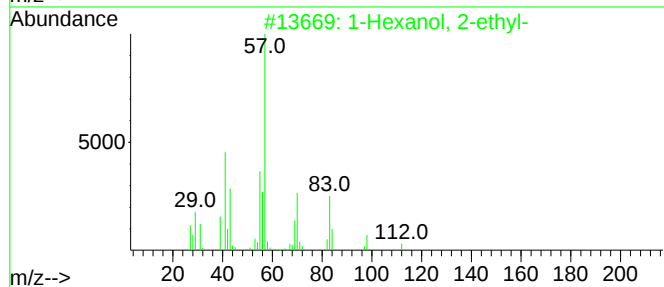
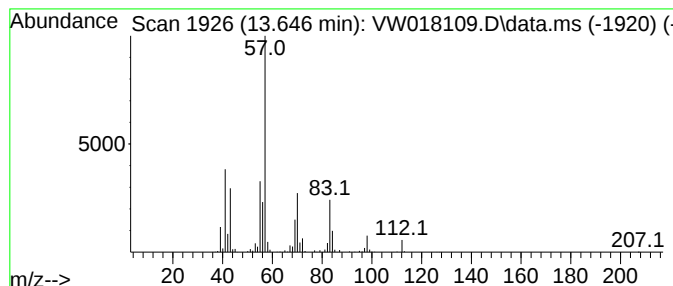
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.646	10.75 ug/L	543777	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	90
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
4		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
5		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018109.D
Acq On : 12 Feb 2021 14:47
Operator : SY/VA
Sample : M1371-17
Misc : 3.66G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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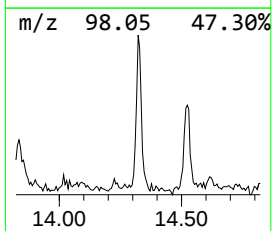
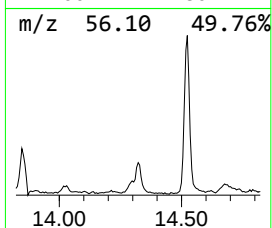
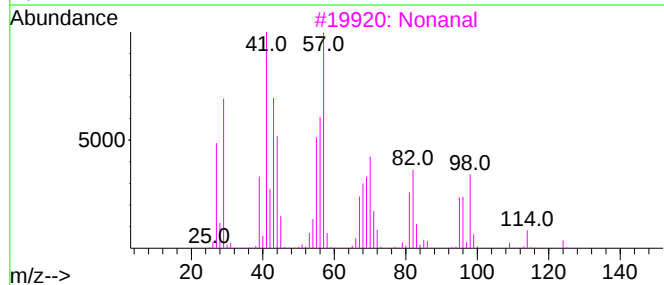
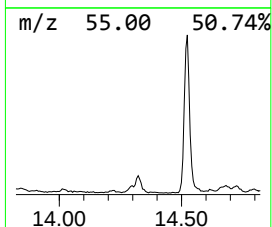
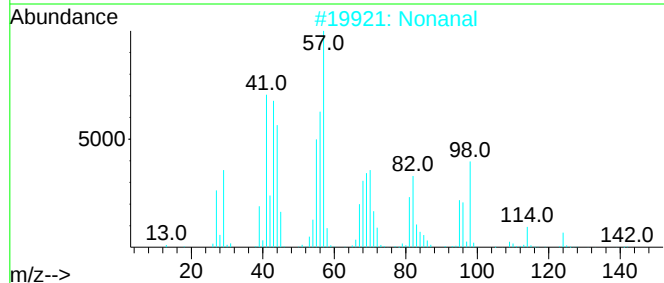
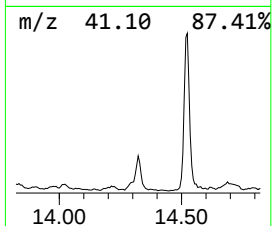
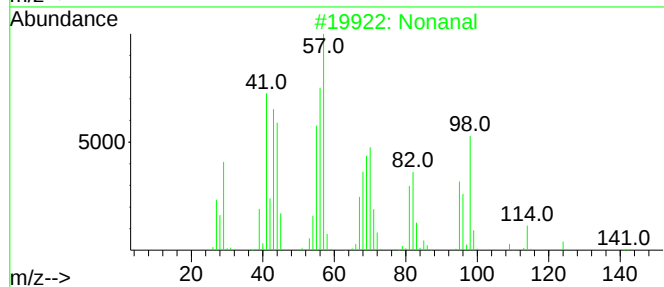
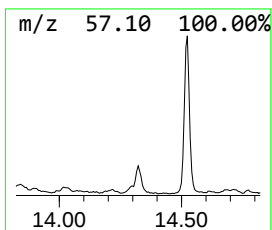
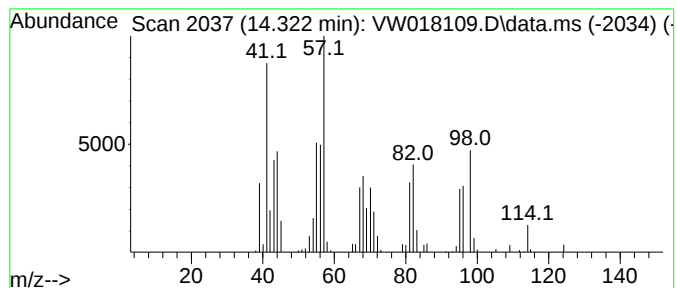
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Quant Title : VOC Analysis

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

Peak Number 7 Nonanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	1.73 ug/L	87323	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	80
2			Nonanal	142	C9H18O	000124-19-6	59
3			Nonanal	142	C9H18O	000124-19-6	59
4			Cyclohexanol, 2-methyl-	114	C7H14O	000583-59-5	38
5			2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018109.D
Acq On : 12 Feb 2021 14:47
Operator : SY/VA
Sample : M1371-17
Misc : 3.66G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH31

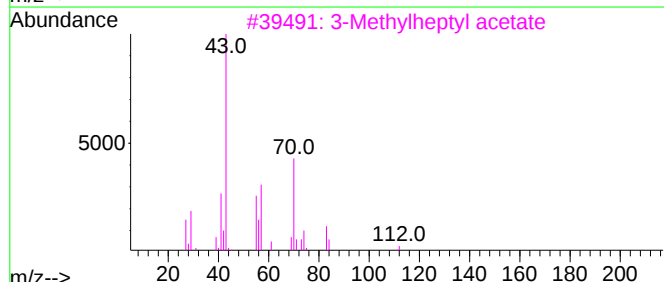
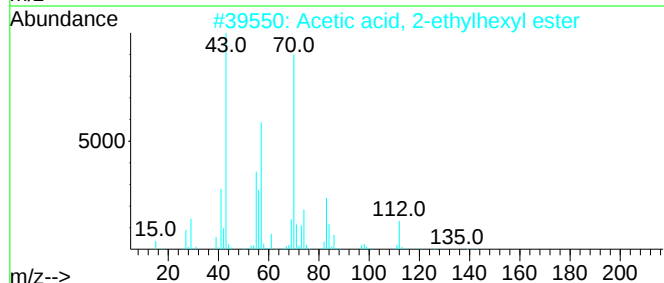
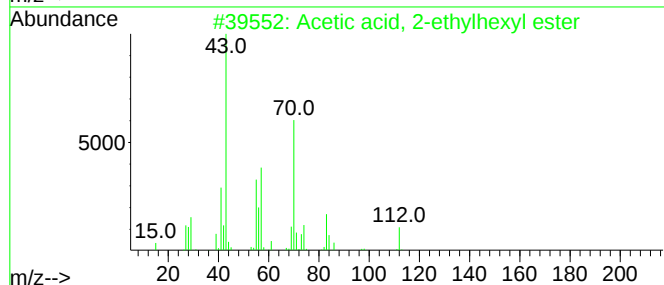
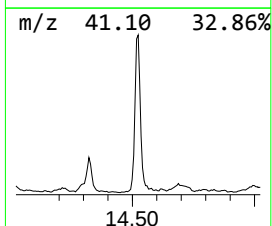
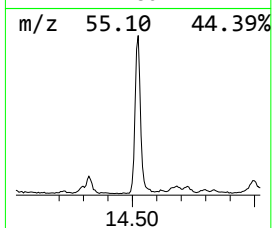
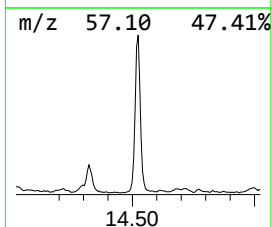
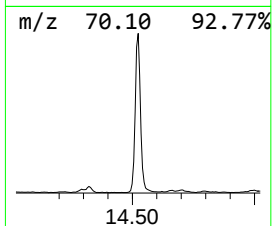
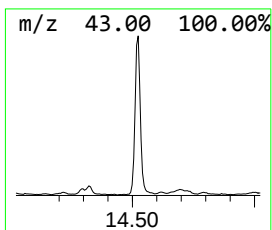
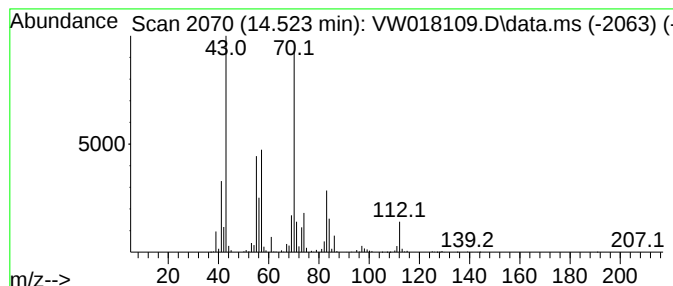
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Quant Title : VOC Analysis

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

Peak Number 8 Acetic acid, 2-ethylhexyl e... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.523	13.08 ug/L	661749	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	86
3			3-Methylheptyl acetate	172	C10H20O2	072218-58-7	83
4			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	68
5			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018109.D
Acq On : 12 Feb 2021 14:47
Operator : SY/VA
Sample : M1371-17
Misc : 3.66G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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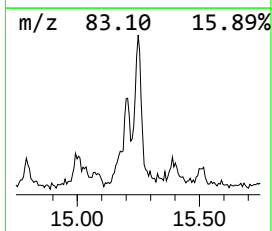
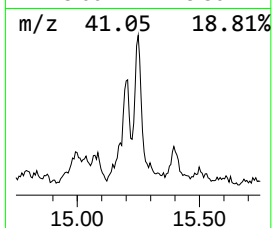
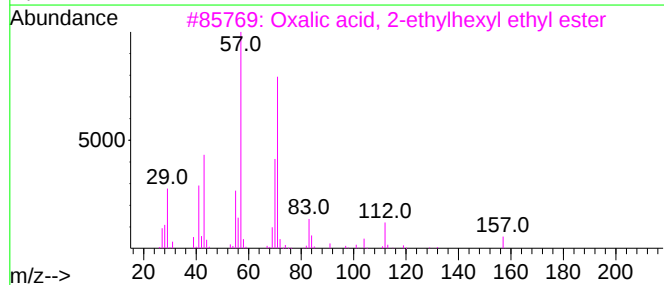
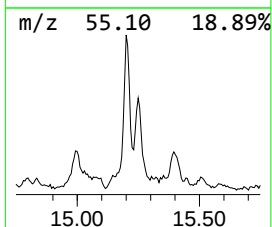
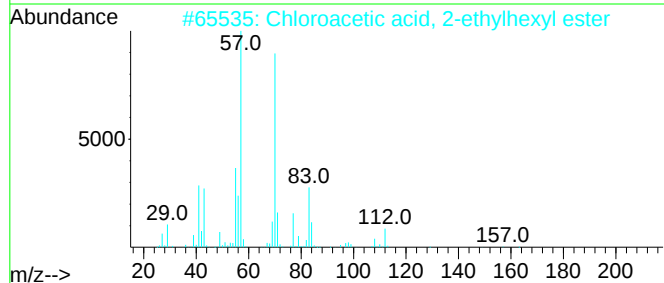
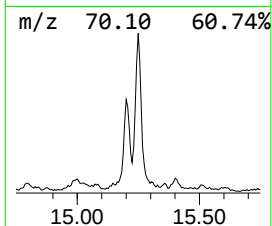
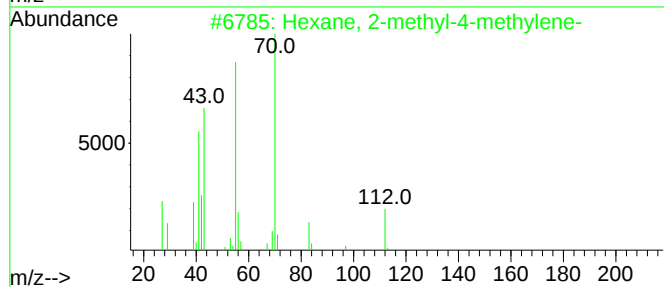
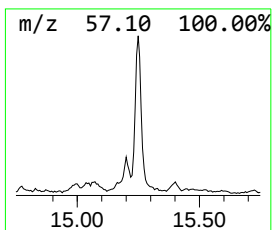
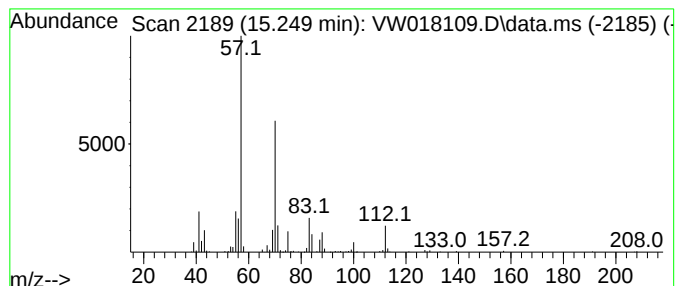
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Quant Title : VOC Analysis

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

Peak Number 9 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.249	3.02 ug/L	152761	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	46
2			Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	45
3			Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	40
4			Dichloroacetic acid, 2-ethylhexy...	240	C10H18Cl2O2	068144-72-9	40
5			3-Chloropropionic acid, 2-ethylh...	220	C11H21ClO2	091369-31-2	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018109.D
Acq On : 12 Feb 2021 14:47
Operator : SY/VA
Sample : M1371-17
Misc : 3.66G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH31

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
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n-Propyl acetate	9.500	1.4	ug/L	54172	1	8.842	997931	25.0
1H-Pyrazole, 4,...	11.067	5.7	ug/L	271282	2	11.634	1182610	25.0
Ethanol, 2-butoxy-	12.438	1.5	ug/L	68978	2	11.634	1182610	25.0
1-Hexanol, 2-et...	13.646	10.8	ug/L	543777	3	13.554	1264600	25.0
Nonanal	14.322	1.7	ug/L	87323	3	13.554	1264600	25.0
Acetic acid, 2-...	14.523	13.1	ug/L	661749	3	13.554	1264600	25.0
unknown-01	15.249	3.0	ug/L	152761	3	13.554	1264600	25.0