

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011221\
 Data File : VW017840.D
 Acq On : 12 Jan 2021 17:03
 Operator : SY/VA
 Sample : M1099-03
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C03

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_W\METHOD\SOM2WLM122420S.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	2.007	16	17	21	rVB4	1287	1104	0.12%	0.012%
2	2.160	36	42	43	rBV2	2948	4677	0.51%	0.052%
3	2.215	43	51	53	rBV2	10287	23222	2.53%	0.259%
4	2.349	66	73	83	rVB2	104330	197470	21.49%	2.203%
5	2.501	94	98	107	rBV4	6440	15585	1.70%	0.174%
6	2.623	113	118	129	rVB2	13971	34558	3.76%	0.386%
7	2.885	155	161	172	rVB	66575	148024	16.11%	1.652%
8	3.489	257	260	263	rVV5	943	1301	0.14%	0.015%
9	3.568	272	273	278	rVB4	661	736	0.08%	0.008%
10	3.763	301	305	308	rBV2	632	860	0.09%	0.010%
11	3.836	314	317	320	rVB4	528	731	0.08%	0.008%
12	3.910	327	329	334	rVB4	792	916	0.10%	0.010%
13	4.013	334	346	359	rBV	127724	374446	40.76%	4.178%
14	4.117	359	363	370	rVV2	5096	13632	1.48%	0.152%
15	4.184	372	374	375	rVV2	1979	1842	0.20%	0.021%
16	4.202	375	377	385	rVV6	2367	5157	0.56%	0.058%
17	4.379	397	406	416	rVV2	9024	26929	2.93%	0.300%
18	4.464	418	420	424	rVB5	479	614	0.07%	0.007%
19	4.507	424	427	429	rBV3	583	698	0.08%	0.008%
20	4.659	449	452	453	rVB3	801	796	0.09%	0.009%
21	4.696	453	458	460	rBV4	889	1536	0.17%	0.017%
22	4.915	483	494	510	rVB2	43417	146020	15.89%	1.629%
23	5.068	517	519	521	rVB2	653	593	0.06%	0.007%
24	5.287	552	555	558	rVB3	585	683	0.07%	0.008%
25	5.421	569	577	587	rVB6	2423	6530	0.71%	0.073%
26	5.617	605	609	613	rBV2	649	1053	0.11%	0.012%
27	5.946	653	663	673	rVB7	2622	9097	0.99%	0.102%
28	6.110	685	690	693	rBV4	602	972	0.11%	0.011%
29	6.171	698	700	703	rVB3	767	576	0.06%	0.006%
30	6.318	722	724	727	rBV3	585	656	0.07%	0.007%
31	6.409	735	739	740	rBV3	595	688	0.07%	0.008%
32	6.561	761	764	767	rBV3	572	625	0.07%	0.007%
33	6.738	791	793	796	rBV4	532	754	0.08%	0.008%
34	6.824	804	807	811	rBV5	524	876	0.10%	0.010%

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Instrument :
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 ClientSampleId :
 F1C03

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Title : VOC Analysis

35	7.080	840	849	854	rBV	18712	51226	5.58%	0.572%
36	7.171	854	864	877	rVV	241956	657309	71.55%	7.334%
37	7.263	877	879	882	rVB3	835	664	0.07%	0.007%
38	7.391	896	900	902	rBV3	647	896	0.10%	0.010%
39	7.433	904	907	908	rBV2	562	701	0.08%	0.008%
40	7.488	913	916	921	rBV5	709	1369	0.15%	0.015%
41	7.647	931	942	954	rBV	162791	400312	43.57%	4.467%
42	8.165	1024	1027	1031	rVB4	563	662	0.07%	0.007%
43	8.214	1033	1035	1036	rBV2	758	646	0.07%	0.007%
44	8.275	1036	1045	1059	rBV2	319799	918709	100.00%	10.251%
45	8.457	1071	1075	1076	rBV2	786	703	0.08%	0.008%
46	8.482	1076	1079	1080	rBV3	734	719	0.08%	0.008%
47	8.695	1111	1114	1116	rBV4	518	661	0.07%	0.007%
48	8.842	1129	1138	1149	rBV	323601	636510	69.28%	7.102%
49	8.976	1158	1160	1162	rVB3	639	577	0.06%	0.006%
50	9.092	1170	1179	1190	rVB	201804	407082	44.31%	4.542%
51	9.171	1190	1192	1196	rBV4	872	981	0.11%	0.011%
52	9.201	1196	1197	1200	rVB3	782	652	0.07%	0.007%
53	9.274	1200	1209	1219	rBV	204739	422271	45.96%	4.712%
54	9.488	1242	1244	1247	rVB4	1297	900	0.10%	0.010%
55	9.537	1247	1252	1256	rBV5	1631	2819	0.31%	0.031%
56	9.585	1256	1260	1261	rBV3	651	714	0.08%	0.008%
57	9.622	1264	1266	1268	rVB3	945	915	0.10%	0.010%
58	9.646	1268	1270	1272	rBV3	1190	1121	0.12%	0.013%
59	9.677	1272	1275	1277	rBV4	841	1011	0.11%	0.011%
60	9.713	1279	1281	1283	rVB2	823	649	0.07%	0.007%
61	9.750	1283	1287	1288	rBV4	1542	1712	0.19%	0.019%
62	9.823	1295	1299	1300	rBV4	500	775	0.08%	0.009%
63	9.890	1306	1310	1313	rVV6	1433	2119	0.23%	0.024%
64	9.945	1316	1319	1320	rBV2	1168	1222	0.13%	0.014%
65	10.036	1327	1334	1344	rBV	103866	192288	20.93%	2.146%
66	10.140	1349	1351	1352	rVV2	700	599	0.07%	0.007%
67	10.158	1352	1354	1357	rVB4	1011	1218	0.13%	0.014%
68	10.250	1365	1369	1371	rBV5	1423	2041	0.22%	0.023%
69	10.323	1374	1381	1391	rVV	461887	803899	87.50%	8.970%
70	10.457	1402	1403	1405	rVB2	1392	634	0.07%	0.007%
71	10.475	1405	1406	1408	rBV2	1298	989	0.11%	0.011%

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Integration Parameters: LSCINT.P

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72	10.579	1415	1423	1432	rBV2	65175	115071	12.53%	1.284%
73	10.695	1441	1442	1447	rVB5	1394	1763	0.19%	0.020%
74	10.859	1459	1469	1475	rBV	297106	534054	58.13%	5.959%
75	10.927	1475	1480	1490	rVB	63568	116571	12.69%	1.301%
76	11.116	1509	1511	1512	rBV2	1623	1531	0.17%	0.017%
77	11.152	1515	1517	1519	rVV3	1549	1356	0.15%	0.015%
78	11.280	1536	1538	1543	rBV6	1826	2313	0.25%	0.026%
79	11.353	1548	1550	1551	rBV2	2018	1683	0.18%	0.019%
80	11.628	1589	1595	1604	rVB	427420	735119	80.02%	8.203%
81	11.939	1644	1646	1647	rBV2	1510	934	0.10%	0.010%
82	12.402	1720	1722	1723	rBV2	1777	1143	0.12%	0.013%
83	12.621	1751	1758	1759	rBV3	9596	19317	2.10%	0.216%
84	12.695	1764	1770	1781	rVB	134922	244003	26.56%	2.723%
85	12.823	1789	1791	1792	rBV2	2183	1778	0.19%	0.020%
86	13.060	1825	1830	1836	rBV3	16052	44135	4.80%	0.492%
87	13.499	1892	1902	1905	rBV5	20417	54820	5.97%	0.612%
88	13.554	1906	1911	1920	rVB	382726	645569	70.27%	7.203%
89	13.768	1938	1946	1951	rBV9	15668	40234	4.38%	0.449%
90	13.853	1954	1960	1965	rVV	317012	516049	56.17%	5.758%
91	13.908	1966	1969	1973	rVB	18385	25613	2.79%	0.286%
92	14.066	1991	1995	2000	rBV	19709	30192	3.29%	0.337%
93	14.158	2006	2010	2015	rBV5	10660	17752	1.93%	0.198%
94	14.493	2057	2065	2076	rBV5	31776	106125	11.55%	1.184%
95	14.651	2086	2091	2099	rBV3	18186	40328	4.39%	0.450%
96	14.719	2100	2102	2106	rBV2	6247	8466	0.92%	0.094%
97	15.493	2225	2229	2235	rVB	14635	26057	2.84%	0.291%
98	15.615	2245	2249	2256	rVB2	16056	28522	3.10%	0.318%
99	15.920	2297	2299	2300	rBV2	6675	5760	0.63%	0.064%
100	16.413	2373	2380	2391	rBV3	20815	53539	5.83%	0.597%

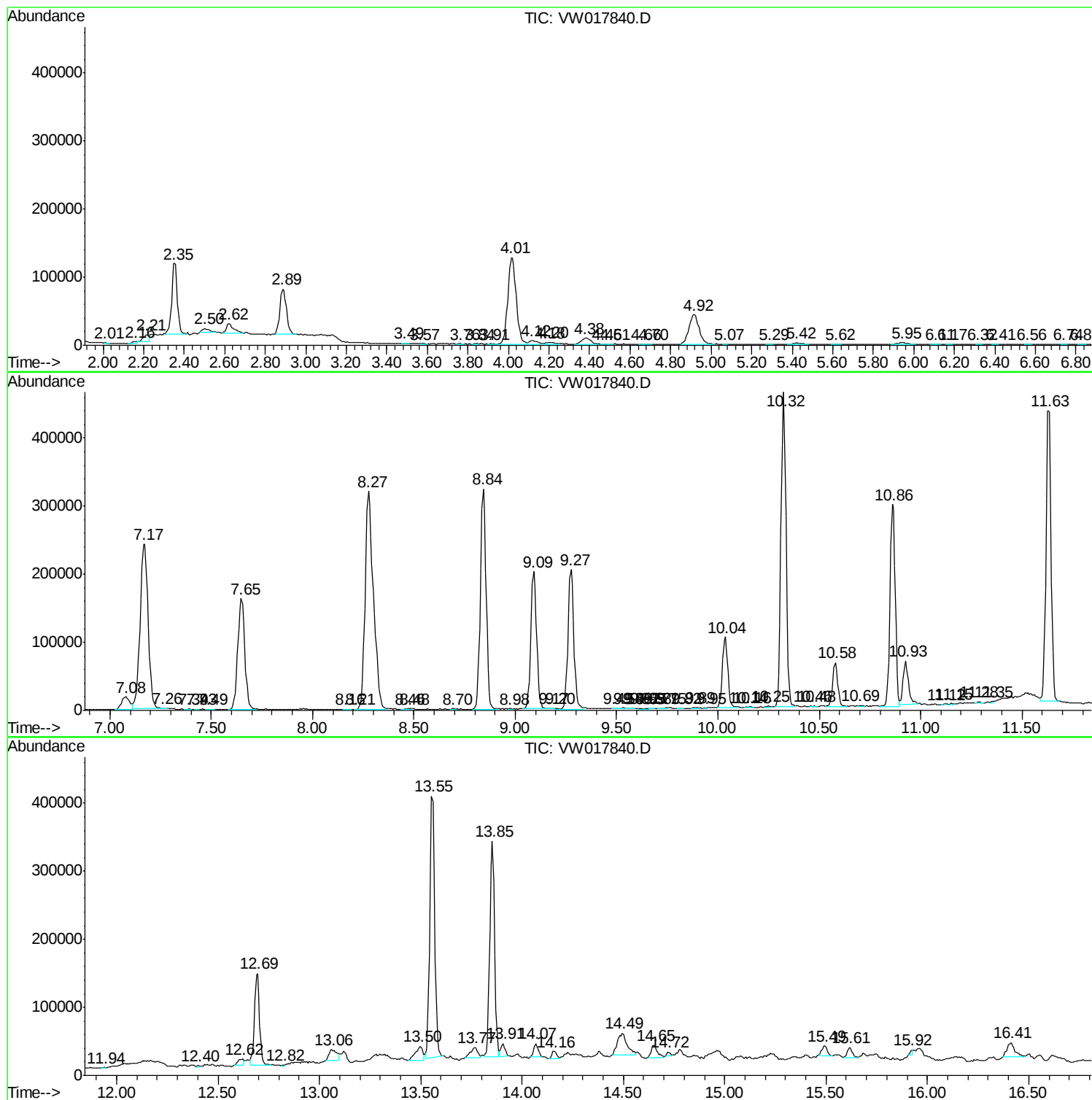
Sum of corrected areas: 8962029

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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



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Instrument :
MSVOA_W
ClientSampleId :
F1C03

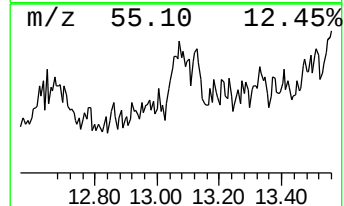
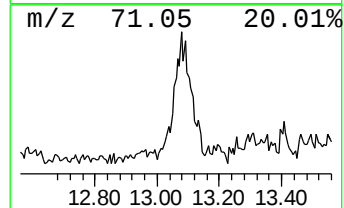
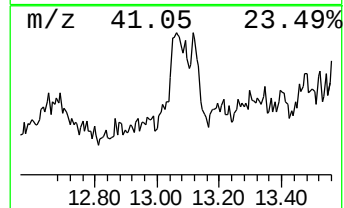
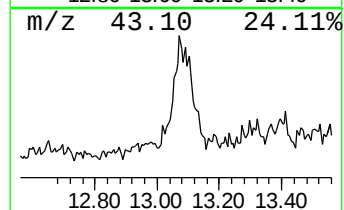
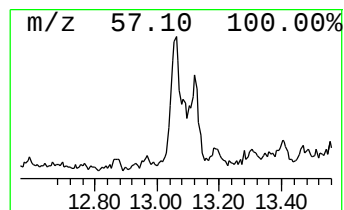
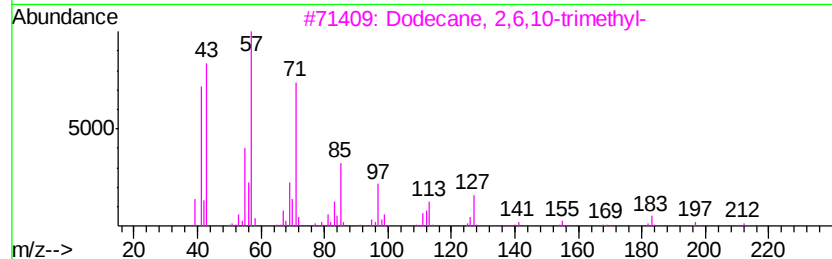
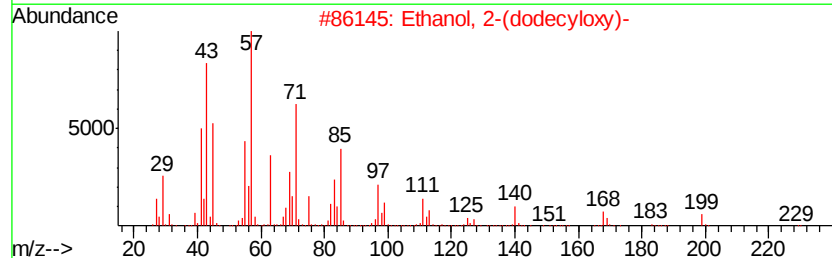
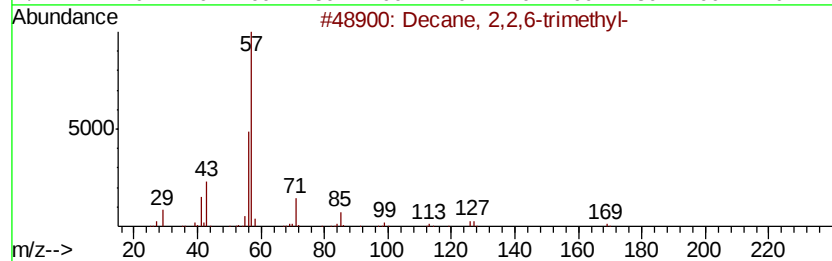
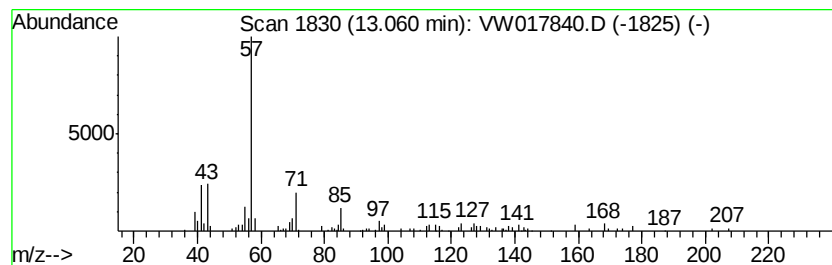
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	1.71 ug/L	44135	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	53
2		Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	47
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	47
4		Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	47
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	43



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 Sample : M1099-03
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

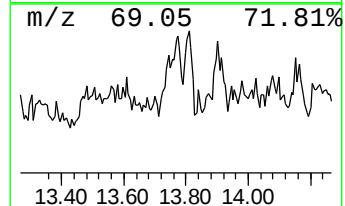
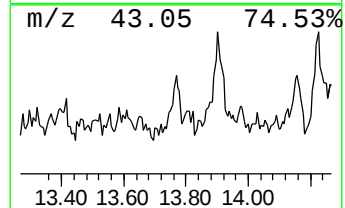
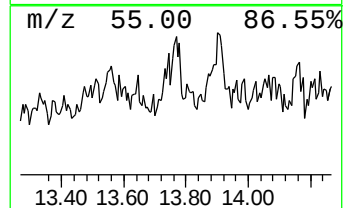
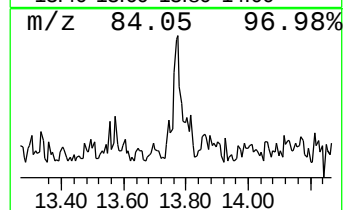
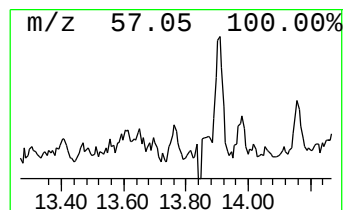
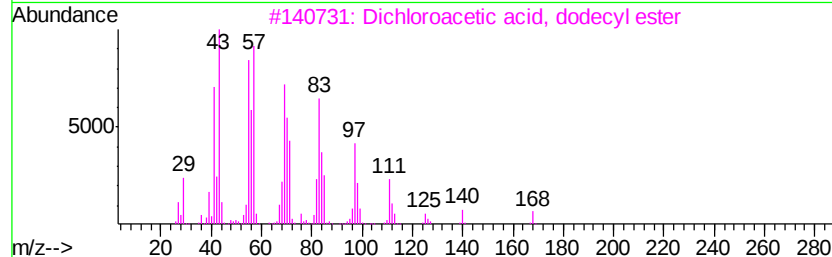
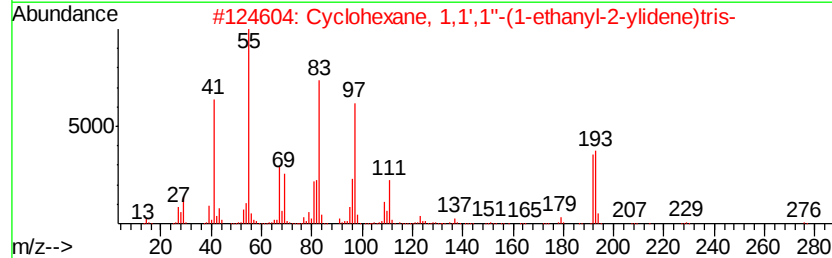
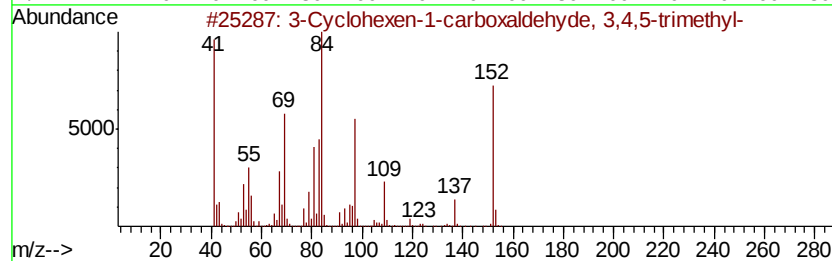
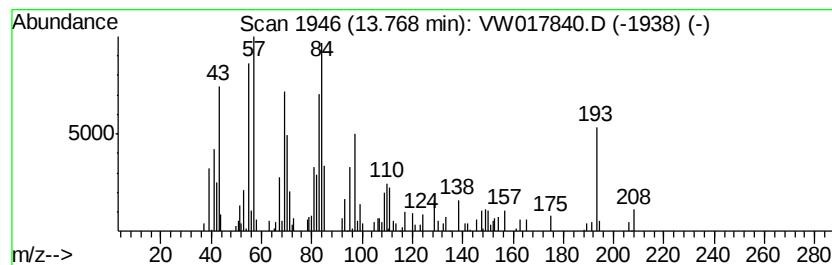
Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis

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

 Peak Number 4 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.77	1.56 ug/L	40234	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohexen-1-carboxaldehyde, 3...	152	C10H16O	1000131-99-6	46
2	Cyclohexane, 1,1',1''-(1-ethanyl...	276	C20H36	055682-86-5	35
3	Dichloroacetic acid, dodecyl ester	296	C14H26Cl2O2	083005-01-0	35
4	Ethyl 7-(2-oxocyclopentyl)heptan...	240	C14H24O3	040687-10-3	35
5	2-Butenedioic acid (Z)-, monodod...	284	C16H28O4	002424-61-5	30



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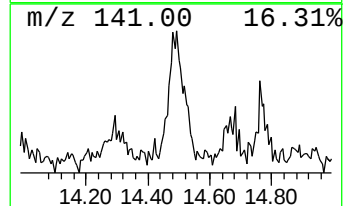
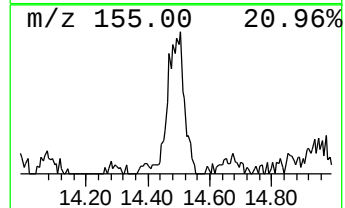
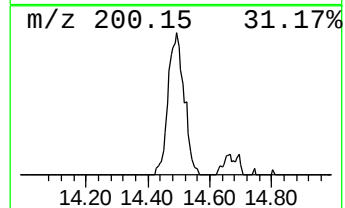
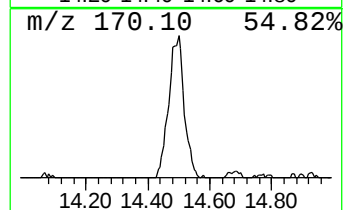
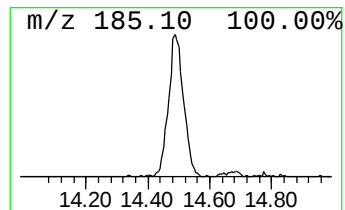
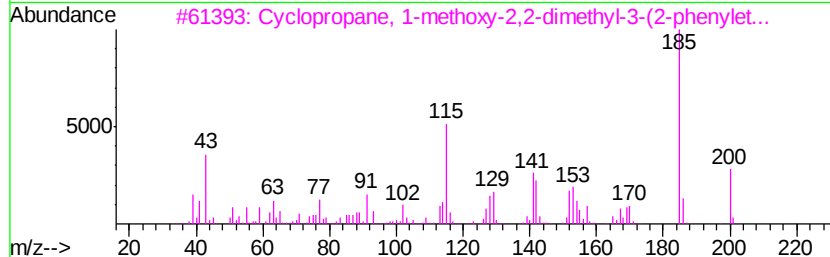
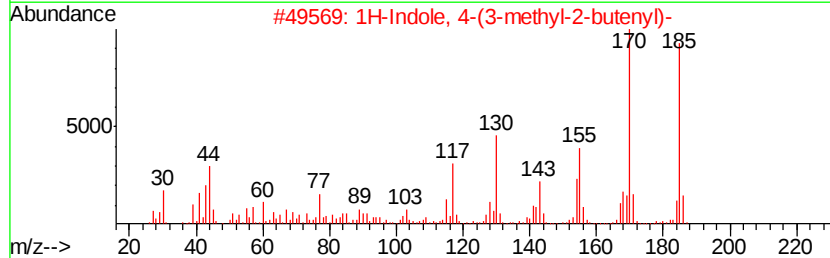
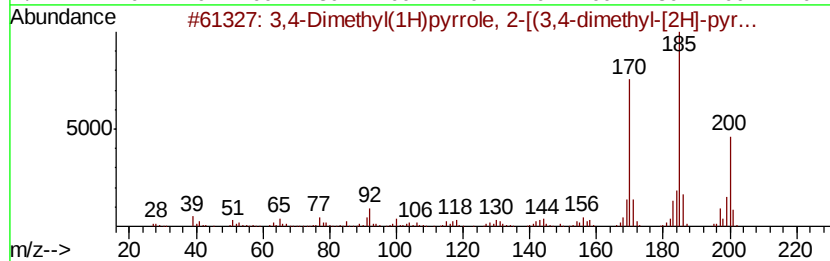
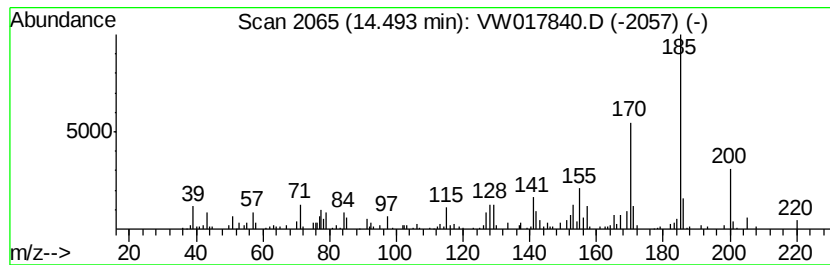
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Quant Title : VOC Analysis

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

Peak Number 5 3,4-Dimethyl(1H)pyrrole, 2-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	4.11 ug/L	106125	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3,4-Dimethyl(1H)pyrrole, 2-[(3,4...	200 C13H16N2	065539-79-9	72
2	1H-Indole, 4-(3-methyl-2-butenyl)-	185 C13H15N	032962-25-7	64
3	Cyclopropane, 1-methoxy-2,2-dime...	200 C14H16O	1000271-83-0	58
4	1,2,3,4,5,6,7,8-Octahydro-1-meth...	200 C15H20	1000080-19-4	55
5	2,3-Dihydro-6-methylfuro(2,3-b)q...	185 C12H11NO	064124-83-0	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011221\
Data File : VW017840.D
Acq On : 12 Jan 2021 17:03
Operator : SY/VA
Sample : M1099-03
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C03

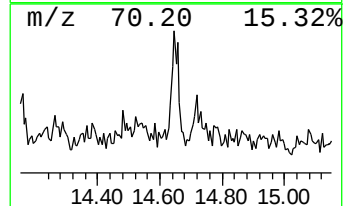
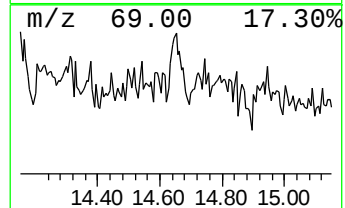
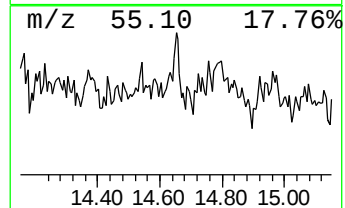
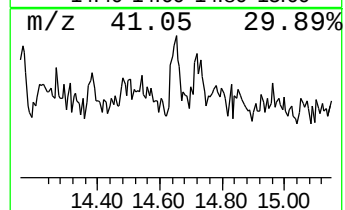
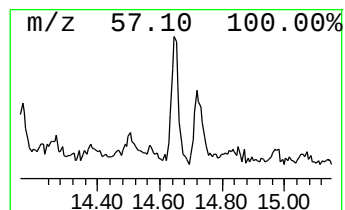
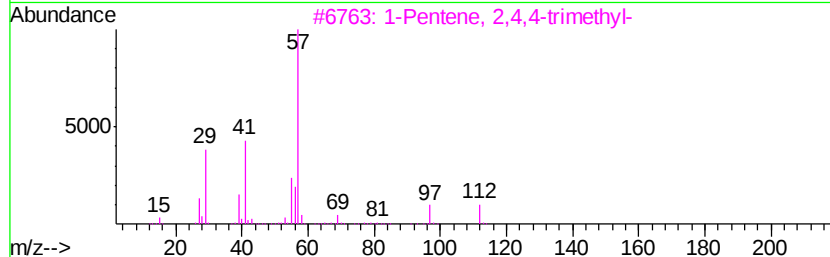
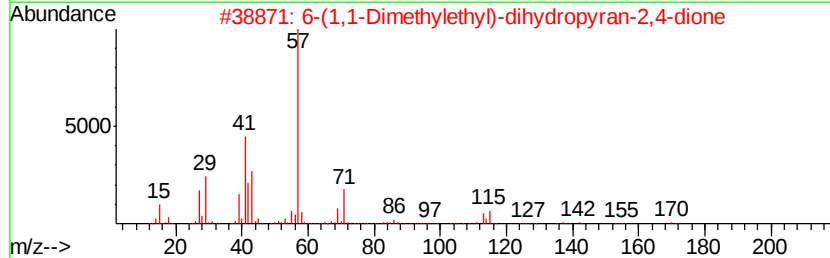
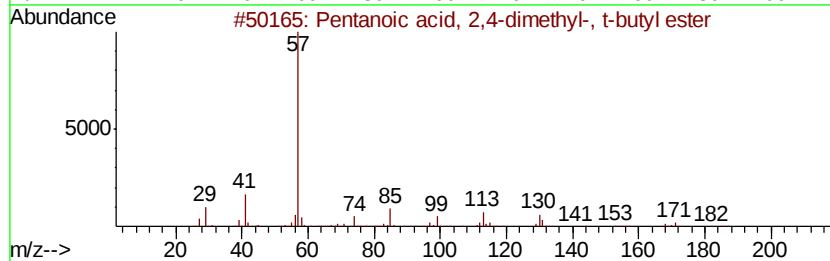
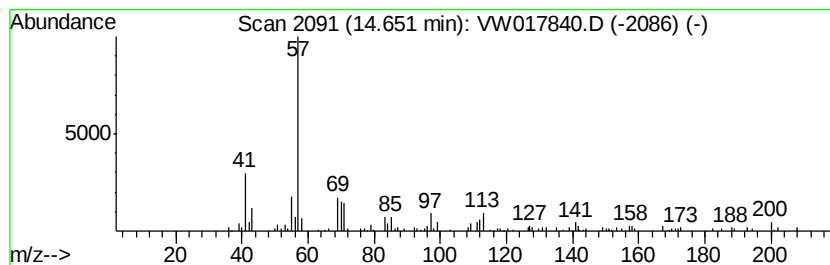
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Quant Title : VOC Analysis

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

Peak Number 6 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	1.56 ug/L	40328	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanoic acid, 2,4-dimethyl-, t...	186	C11H22O2	1000163-75-4	43
2		6-(1,1-Dimethylethyl)-dihydropyr...	170	C9H14O3	133286-44-9	38
3		1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	38
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	38
5		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011221\
Data File : VW017840.D
Acq On : 12 Jan 2021 17:03
Operator : SY/VA
Sample : M1099-03
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C03

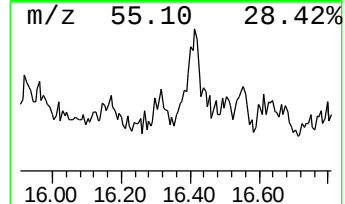
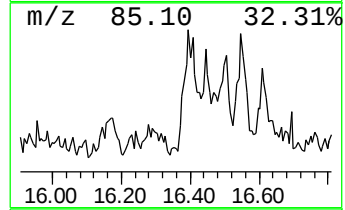
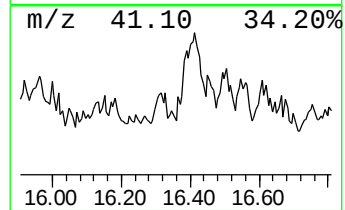
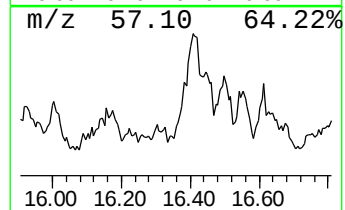
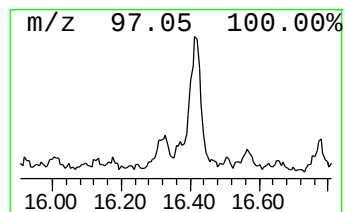
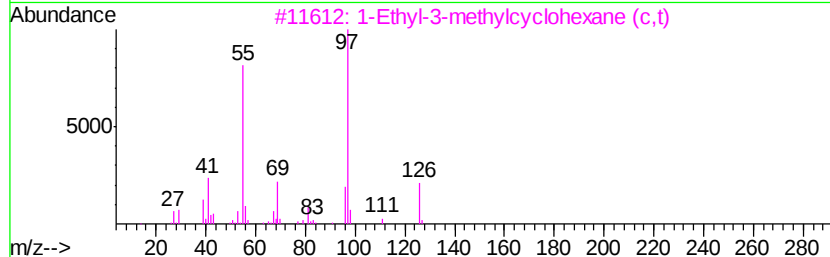
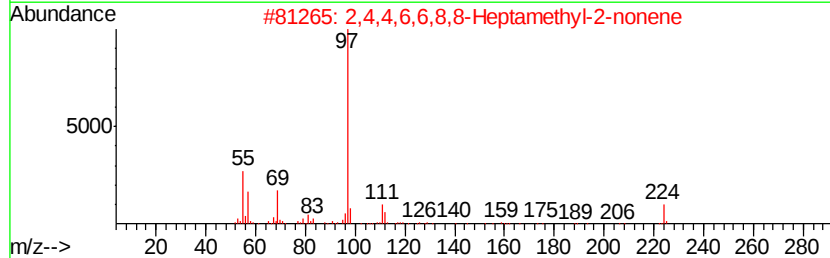
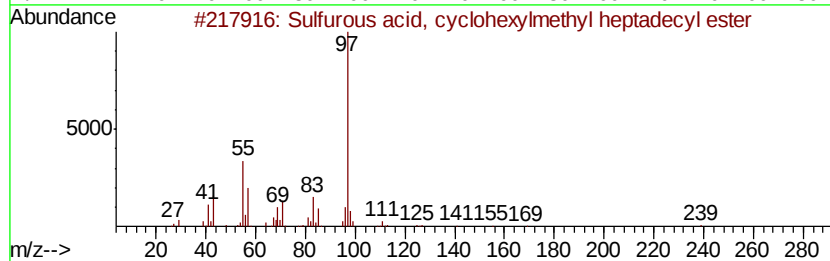
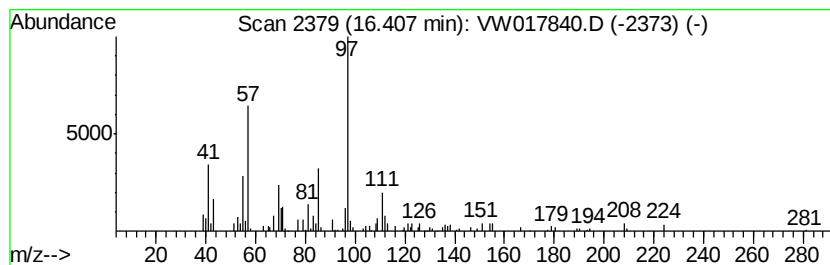
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

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

Peak Number 7 Sulfurous acid, cyclohexylm... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	2.07 ug/L	53539	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, cvclohexylmethyl...	416	C24H48O3S	1000309-22-5	59
2		2,4,4,6,6,8,8-Heptamethyl-2-nonene	224	C16H32	039761-73-4	59
3		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	50
4		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	50
5		Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011221\
Data File : VW017840.D
Acq On : 12 Jan 2021 17:03
Operator : SY/VA
Sample : M1099-03
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F1C03

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.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
(DEL) Alkane: Str...	13.06	1.7	ug/L	44135	3	13.55	645569	25.0
unknown-01	13.77	1.6	ug/L	40234	3	13.55	645569	25.0
3,4-Dimethyl(1H)p...	14.49	4.1	ug/L	106125	3	13.55	645569	25.0
unknown-02	14.65	1.6	ug/L	40328	3	13.55	645569	25.0
Sulfurous acid, c...	16.41	2.1	ug/L	53539	3	13.55	645569	25.0