

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112919\
 Data File : VW014185.D
 Acq On : 29 Nov 2019 16:52
 Operator : SY/VA
 Sample : K6089-15
 Misc : 2.92G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BR3

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\SOM2WLM111119S.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	2.160	35	42	43	rBV2	18306	26564	4.28%	0.911%
2	2.349	68	73	84	rVB	49288	84923	13.67%	2.912%
3	2.885	154	161	172	rBV2	38111	97012	15.61%	3.327%
4	3.288	225	227	229	rVB2	622	354	0.06%	0.012%
5	3.312	229	231	232	rBV	325	282	0.05%	0.010%
6	3.361	237	239	240	rBV	798	649	0.10%	0.022%
7	3.464	253	256	257	rBV	561	348	0.06%	0.012%
8	3.483	257	259	262	rVB	437	403	0.06%	0.014%
9	3.525	265	266	267	rBV	366	225	0.04%	0.008%
10	3.580	273	275	278	rVB2	566	555	0.09%	0.019%
11	3.605	278	279	282	rBV2	364	247	0.04%	0.008%
12	3.696	292	294	296	rBV	337	320	0.05%	0.011%
13	3.720	296	298	300	rVB	386	329	0.05%	0.011%
14	3.855	318	320	325	rVB3	379	359	0.06%	0.012%
15	4.013	336	346	360	rBV2	58908	190620	30.68%	6.537%
16	4.202	375	377	379	rVB2	323	280	0.05%	0.010%
17	4.287	389	391	393	rVB2	319	260	0.04%	0.009%
18	4.385	399	407	417	rVV3	3158	9939	1.60%	0.341%
19	4.757	466	468	469	rBV	293	221	0.04%	0.008%
20	4.775	469	471	473	rBV	235	260	0.04%	0.009%
21	4.812	475	477	479	rBV	275	248	0.04%	0.009%
22	4.848	481	483	484	rBV	295	268	0.04%	0.009%
23	4.915	484	494	510	rVV3	7789	34853	5.61%	1.195%
24	5.159	532	534	536	rBV	393	257	0.04%	0.009%
25	5.391	569	572	573	rBV3	287	236	0.04%	0.008%
26	5.409	573	575	576	rBV2	605	455	0.07%	0.016%
27	5.428	576	578	579	rBV2	907	781	0.13%	0.027%
28	5.629	610	611	618	rVB2	301	487	0.08%	0.017%
29	5.684	618	620	623	rBV2	271	234	0.04%	0.008%
30	5.720	623	626	628	rBV2	300	286	0.05%	0.010%
31	5.848	646	647	652	rVB2	308	349	0.06%	0.012%
32	5.903	654	656	657	rVV	653	512	0.08%	0.018%
33	5.934	657	661	668	rVV4	1884	4150	0.67%	0.142%
34	6.177	699	701	703	rBV2	179	233	0.04%	0.008%

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Integration Parameters: LSCINT.P

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 Title : VOC Analysis

35	6.379	732	734	737	rVB2	226	234	0.04%	0.008%
36	6.440	742	744	746	rBV2	304	345	0.06%	0.012%
37	6.616	770	773	776	rBV2	417	445	0.07%	0.015%
38	6.671	778	782	783	rBV2	175	239	0.04%	0.008%
39	6.702	783	787	791	rBV2	396	604	0.10%	0.021%
40	6.872	811	815	816	rBV2	263	328	0.05%	0.011%
41	6.970	824	831	832	rBV5	2707	4411	0.71%	0.151%
42	7.074	840	848	856	rBV	28281	84614	13.62%	2.901%
43	7.415	903	904	905	rBV	549	282	0.05%	0.010%
44	7.531	916	923	932	rBV3	10281	26335	4.24%	0.903%
45	7.647	932	942	953	rVV	135019	330724	53.23%	11.341%
46	7.860	973	977	979	rBV2	386	491	0.08%	0.017%
47	7.951	983	992	1000	rBV3	11814	29757	4.79%	1.020%
48	8.153	1020	1025	1031	rVB5	534	1227	0.20%	0.042%
49	8.275	1031	1045	1060	rBV2	207709	621308	100.00%	21.305%
50	8.488	1079	1080	1081	rBV	662	331	0.05%	0.011%
51	8.567	1088	1093	1099	rBV6	2767	5351	0.86%	0.183%
52	8.640	1104	1105	1108	rBV	398	383	0.06%	0.013%
53	8.842	1127	1138	1148	rBV	113083	224450	36.13%	7.697%
54	8.994	1162	1163	1166	rVV2	357	270	0.04%	0.009%
55	9.067	1173	1175	1180	rVB3	821	1184	0.19%	0.041%
56	9.104	1180	1181	1183	rBV	335	234	0.04%	0.008%
57	9.268	1200	1208	1215	rBV	157853	332814	53.57%	11.412%
58	9.488	1241	1244	1245	rBV	579	518	0.08%	0.018%
59	9.512	1246	1248	1252	rVB2	946	876	0.14%	0.030%
60	9.567	1256	1257	1260	rBV3	530	646	0.10%	0.022%
61	9.652	1269	1271	1273	rBV2	443	432	0.07%	0.015%
62	9.744	1282	1286	1290	rBV4	1121	1535	0.25%	0.053%
63	10.030	1327	1333	1345	rBV	27780	54499	8.77%	1.869%
64	10.207	1360	1362	1364	rBV	238	233	0.04%	0.008%
65	10.268	1370	1372	1374	rBV	205	228	0.04%	0.008%
66	10.323	1374	1381	1387	rBV	118334	213159	34.31%	7.309%
67	10.384	1388	1391	1399	rVB	13821	22652	3.65%	0.777%
68	10.494	1404	1409	1415	rVB8	2525	5331	0.86%	0.183%
69	10.579	1417	1423	1430	rVB2	9967	19707	3.17%	0.676%
70	10.658	1433	1436	1439	rBV4	2378	3456	0.56%	0.119%
71	10.701	1440	1443	1449	rVB2	7521	12923	2.08%	0.443%

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72	10.780	1449	1456	1457	rBV4	1702	3226	0.52%	0.111%
73	10.927	1474	1480	1490	rBV	41688	80617	12.98%	2.764%
74	11.628	1589	1595	1602	rBV	48690	84241	13.56%	2.889%
75	11.835	1623	1629	1634	rBV2	4890	10481	1.69%	0.359%
76	12.164	1680	1683	1692	rVB3	6136	11533	1.86%	0.395%
77	12.298	1703	1705	1707	rVB2	1073	624	0.10%	0.021%
78	12.609	1750	1756	1762	rVB2	21726	36738	5.91%	1.260%
79	12.694	1762	1770	1776	rBV	70186	118860	19.13%	4.076%
80	12.780	1778	1784	1788	rBV3	1269	2534	0.41%	0.087%
81	12.859	1792	1797	1799	rBV3	771	1214	0.20%	0.042%
82	12.993	1817	1819	1823	rBV3	366	494	0.08%	0.017%
83	13.024	1823	1824	1828	rVB2	537	454	0.07%	0.016%
84	13.085	1828	1834	1835	rBV3	516	796	0.13%	0.027%
85	13.249	1857	1861	1866	rBV4	2225	3238	0.52%	0.111%
86	13.304	1866	1870	1871	rVV2	596	571	0.09%	0.020%
87	13.402	1878	1886	1890	rBV7	1990	4074	0.66%	0.140%
88	13.505	1900	1903	1906	rBV3	717	902	0.15%	0.031%
89	13.560	1906	1912	1918	rBV3	9851	19018	3.06%	0.652%
90	13.646	1924	1926	1931	rVB2	1173	1366	0.22%	0.047%
91	13.737	1939	1941	1942	rBV2	713	568	0.09%	0.019%
92	13.853	1954	1960	1966	rBV2	13952	24863	4.00%	0.853%
93	14.066	1991	1995	2001	rVB2	14132	22211	3.57%	0.762%
94	14.261	2025	2027	2029	rBV2	381	343	0.06%	0.012%
95	14.334	2035	2039	2045	rBV5	1412	2147	0.35%	0.074%
96	14.389	2046	2048	2049	rBV	425	274	0.04%	0.009%
97	15.438	2210	2220	2225	rBV3	6954	15451	2.49%	0.530%
98	15.487	2225	2228	2233	rVB2	5266	8698	1.40%	0.298%
99	15.572	2241	2242	2244	rVB	679	249	0.04%	0.009%
100	15.749	2269	2271	2272	rVB2	736	386	0.06%	0.013%

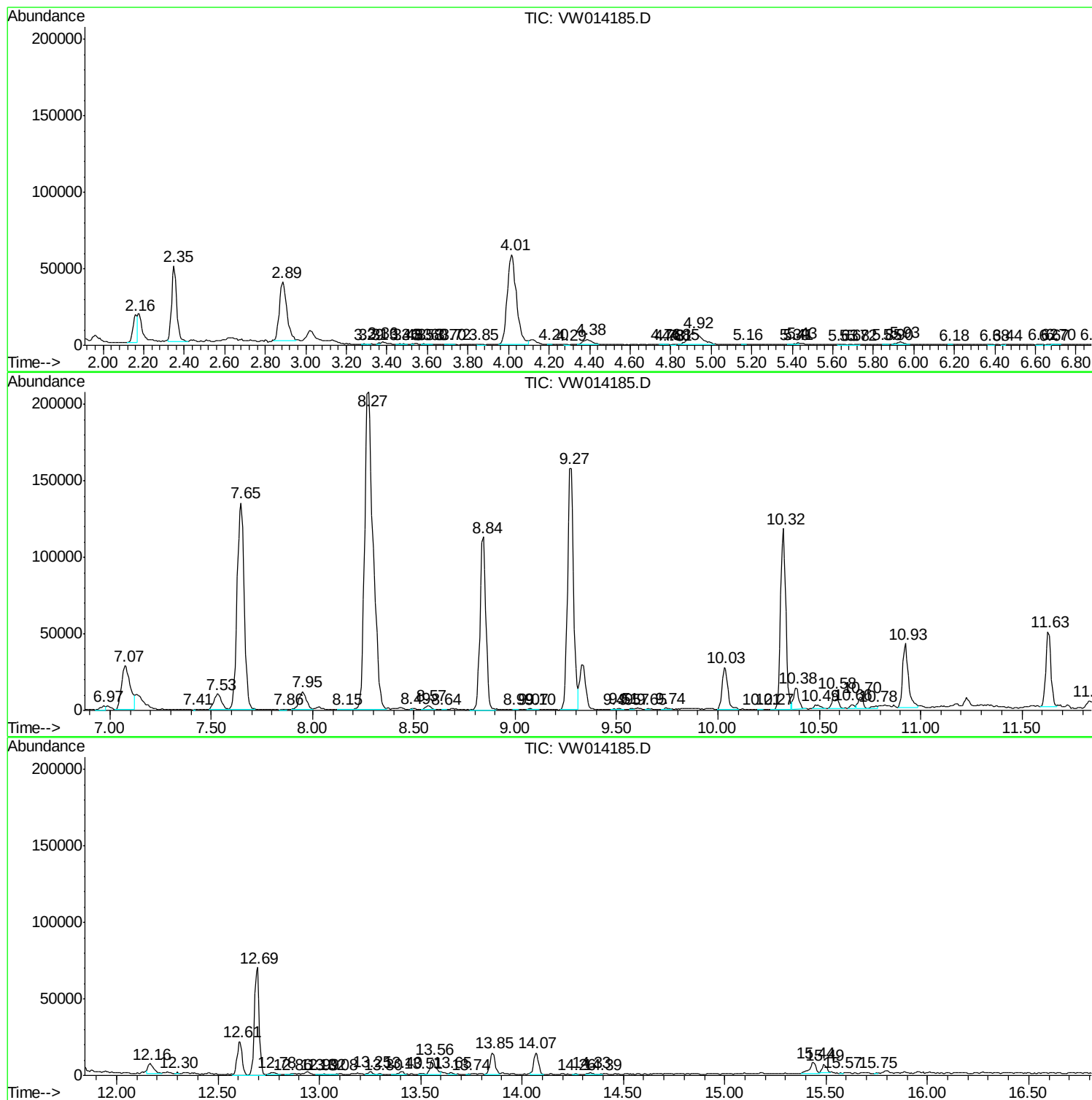
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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



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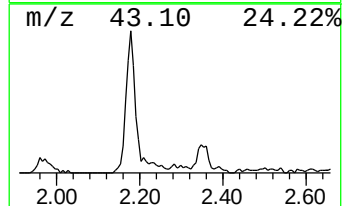
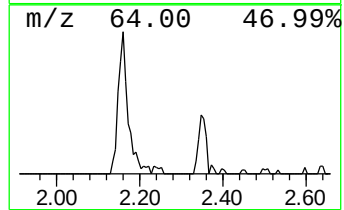
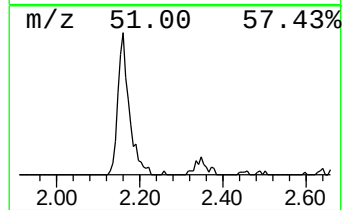
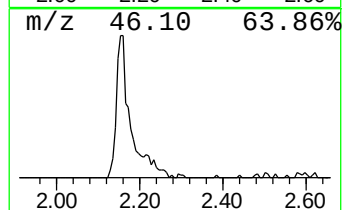
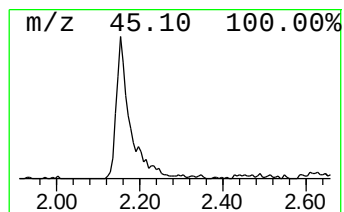
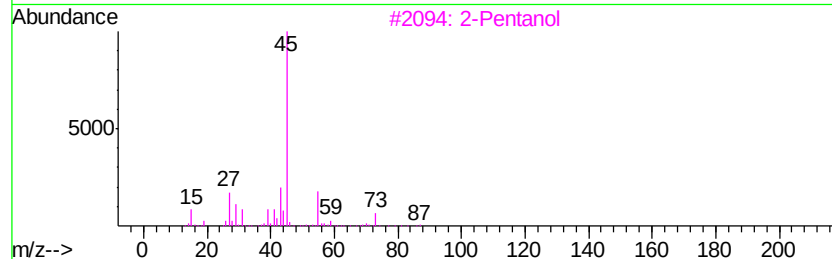
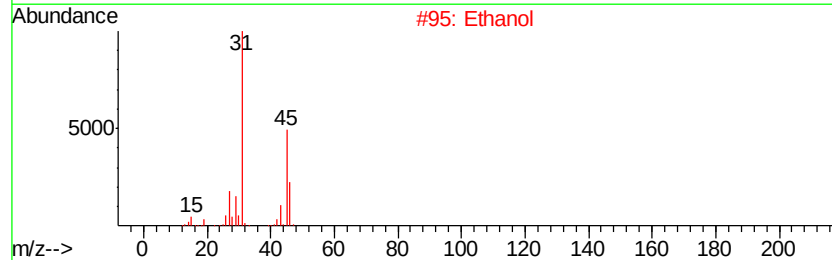
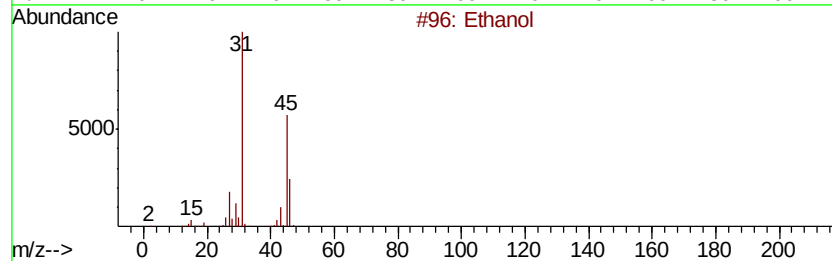
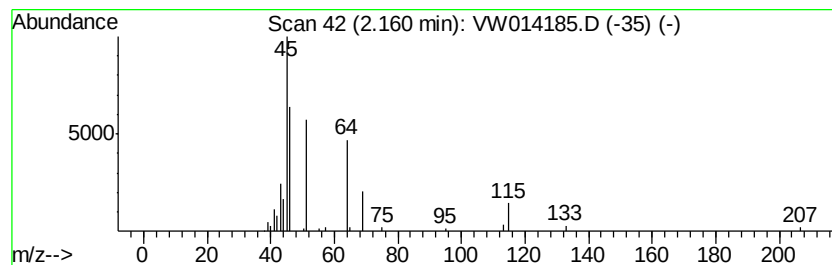
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	2.96 ug/L	26564	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol	46	C2H6O	000064-17-5	9
2		Ethanol	46	C2H6O	000064-17-5	9
3		2-Pentanol	88	C5H12O	006032-29-7	9
4		1,2,4,5-Tetrathiane	156	C2H4S4	000291-22-5	9
5		2-Pentanol	88	C5H12O	006032-29-7	9



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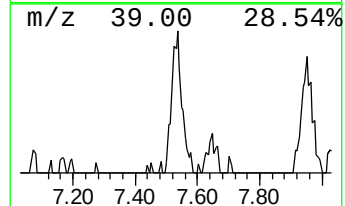
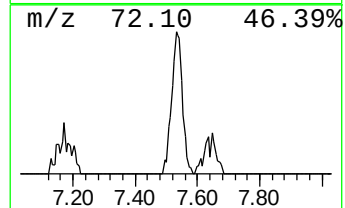
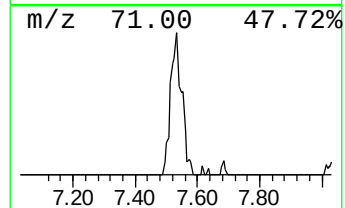
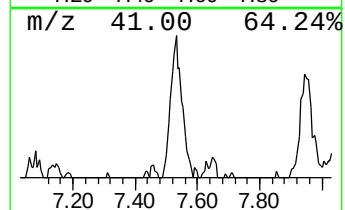
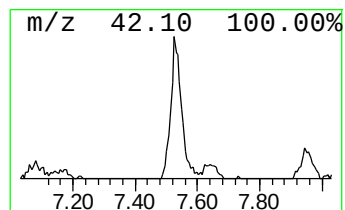
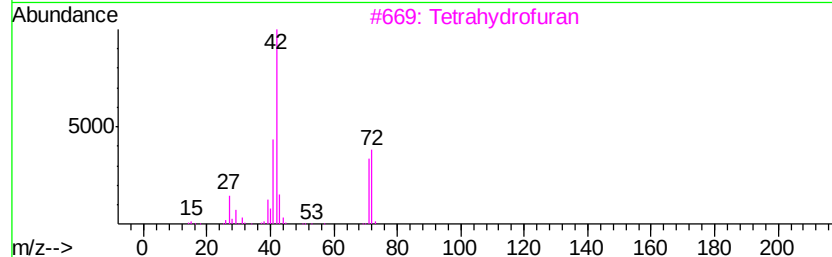
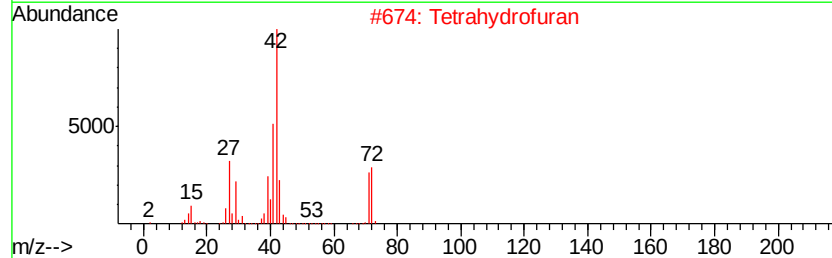
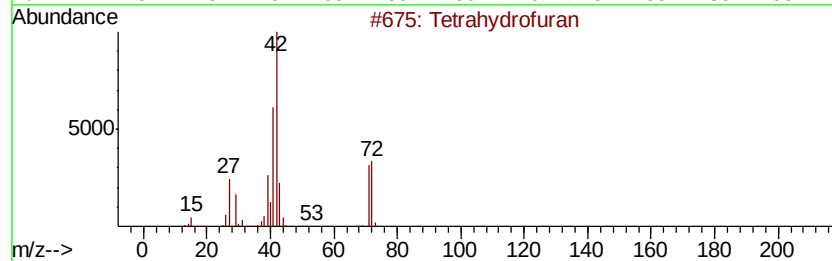
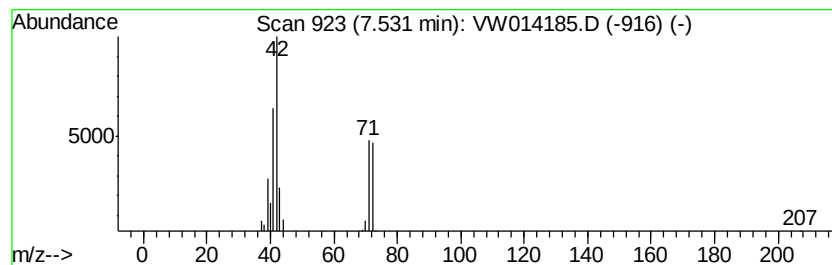
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tetrahydrofuran Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	2.93 ug/L	26335	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrahydrofuran	72	C4H8O	000109-99-9	90
2		Tetrahydrofuran	72	C4H8O	000109-99-9	83
3		Tetrahydrofuran	72	C4H8O	000109-99-9	78
4		1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	58
5		1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	58



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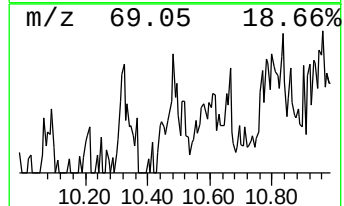
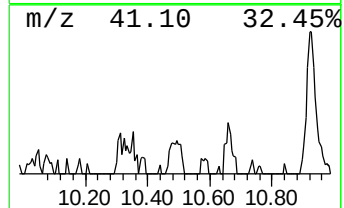
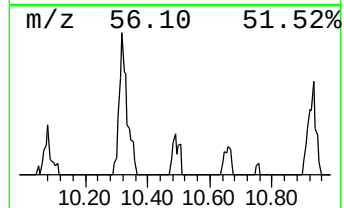
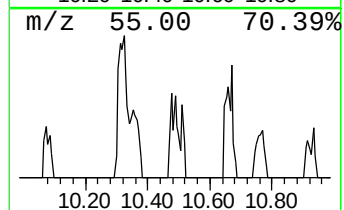
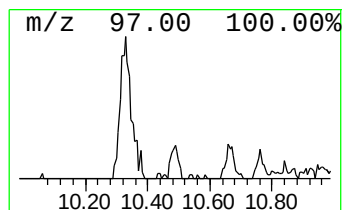
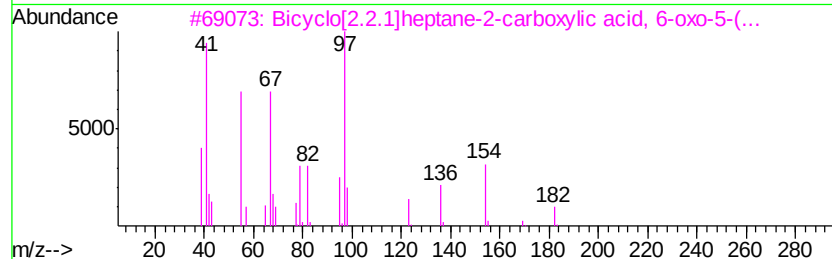
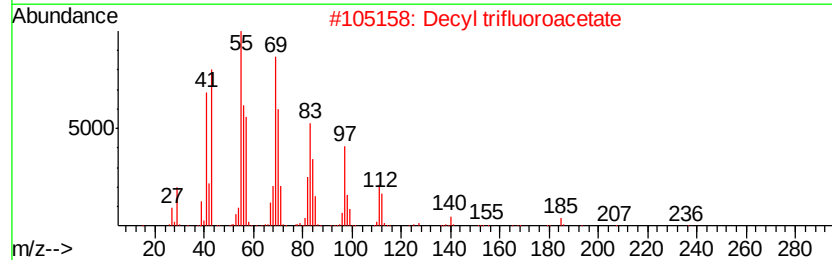
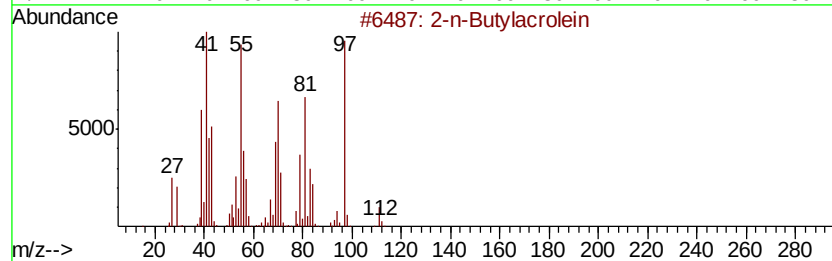
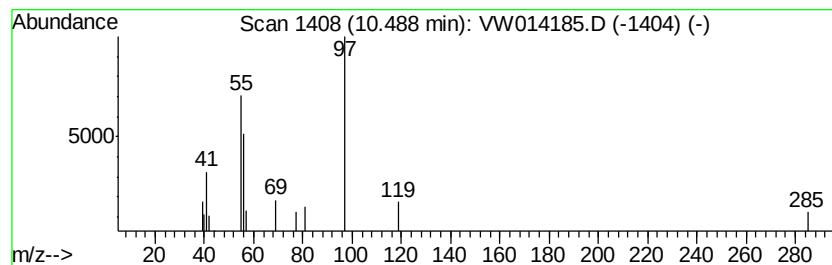
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 4 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.49	1.58 ug/L	5331	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-n-Butylacrolein	112	C7H12O	001070-66-2	28
2		Decyl trifluoroacetate	254	C12H21F3O2	000333-88-0	27
3		Bicyclo[2.2.1]heptane-2-carboxyl...	210	C11H14O4	111509-63-8	25
4		Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	25
5		2,5-Dimethyl-1-pyrroline	97	C6H11N	000822-64-0	23



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ClientSampleId :
C0BR3

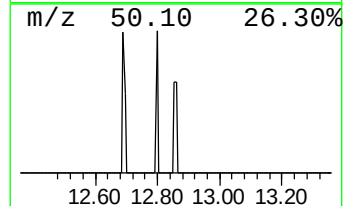
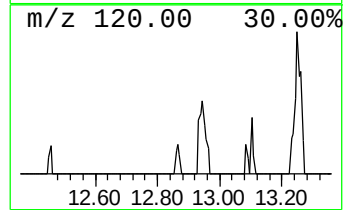
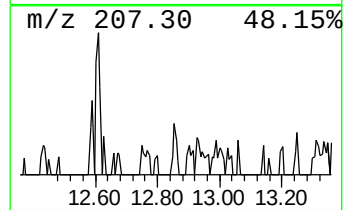
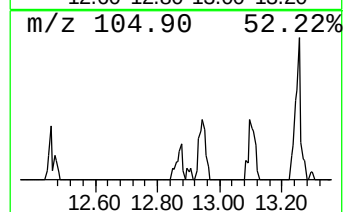
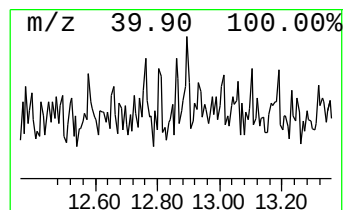
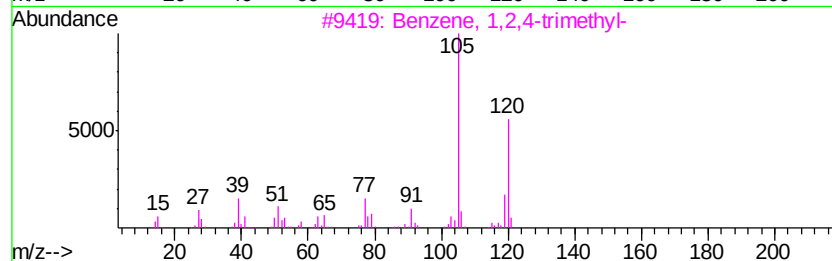
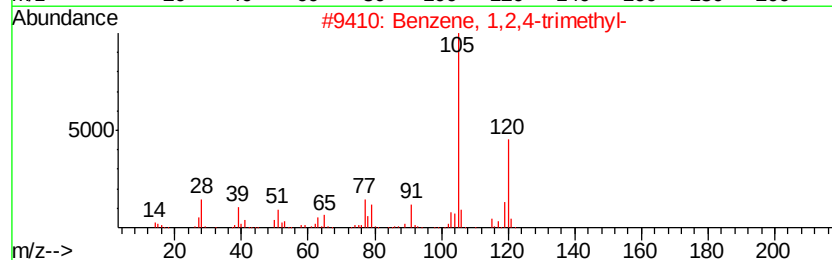
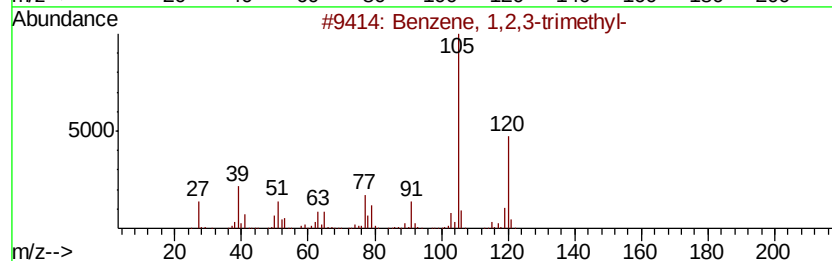
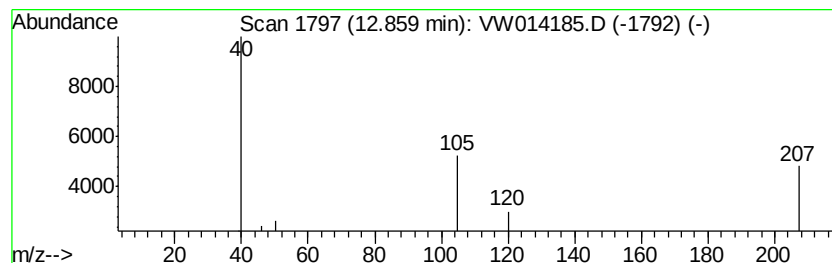
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Quant Title : VOC Analysis

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

Peak Number 8 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	1.60 ug/L	1214	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	4
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	4
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	4
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	4
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	4



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112919\
Data File : VW014185.D
Acq On : 29 Nov 2019 16:52
Operator : SY/VA
Sample : K6089-15
Misc : 2.92G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BR3

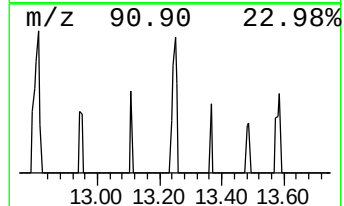
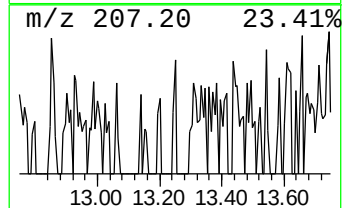
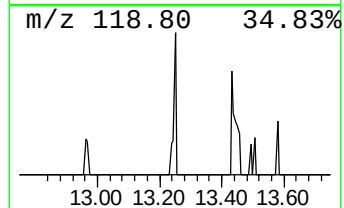
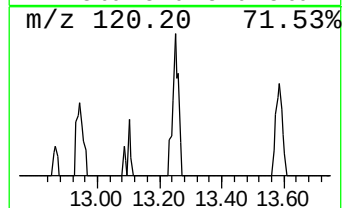
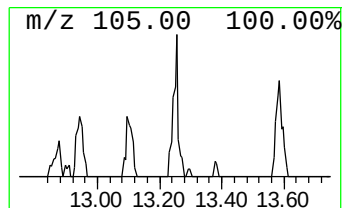
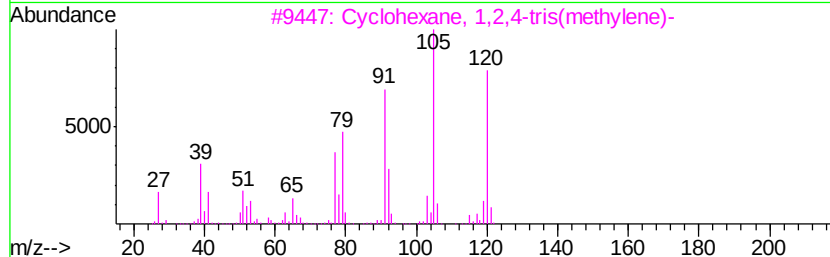
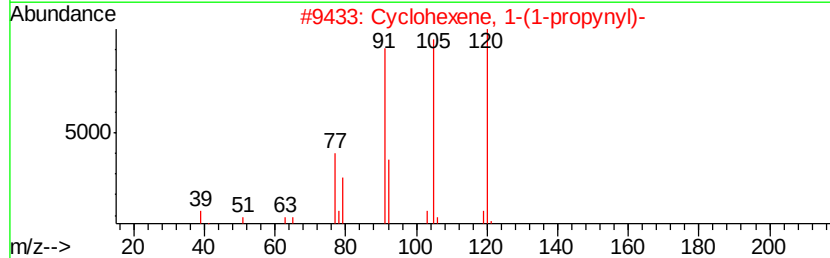
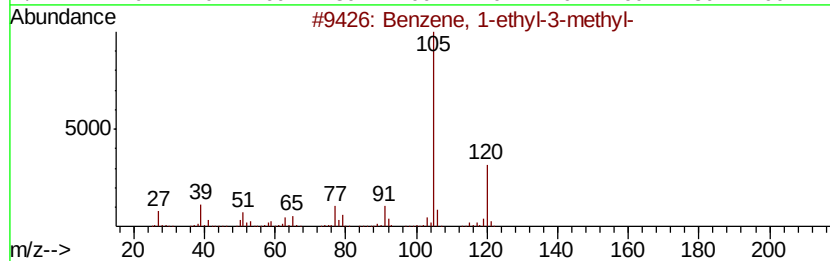
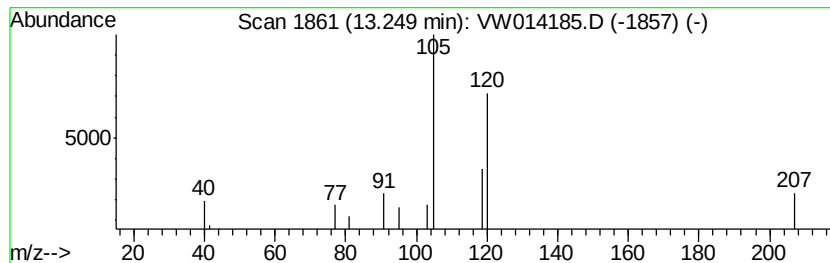
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Quant Title : VOC Analysis

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

Peak Number 9 unknown-04 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	4.26 ug/L	3238	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	9
2		Cyclohexene, 1-(1-propynyl)-	120	C9H12	001655-05-6	9
3		Cyclohexane, 1,2,4-tris(methylene)-	120	C9H12	014296-81-2	9
4		1,3-Cyclopentadiene, 5-(1-methyl...	120	C9H12	003141-02-4	9
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112919\
Data File : VW014185.D
Acq On : 29 Nov 2019 16:52
Operator : SY/VA
Sample : K6089-15
Misc : 2.92G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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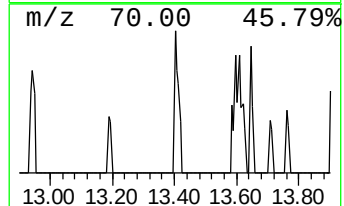
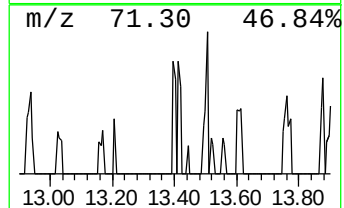
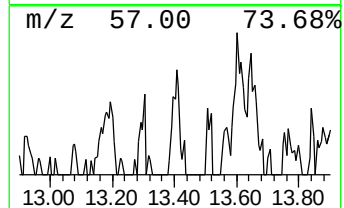
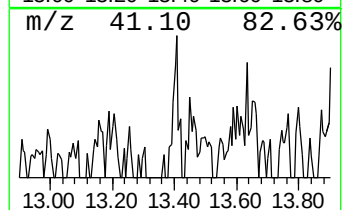
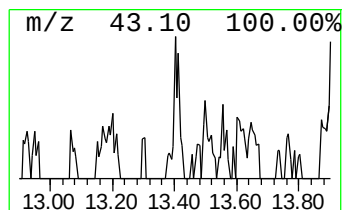
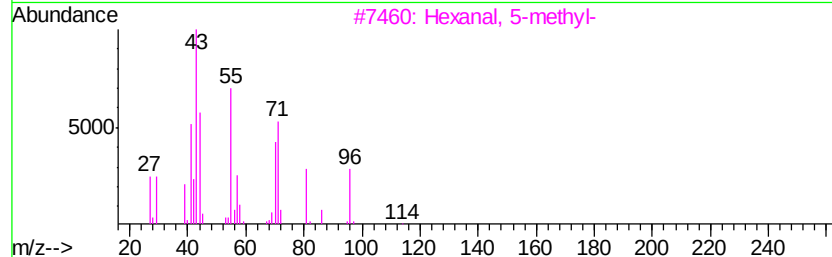
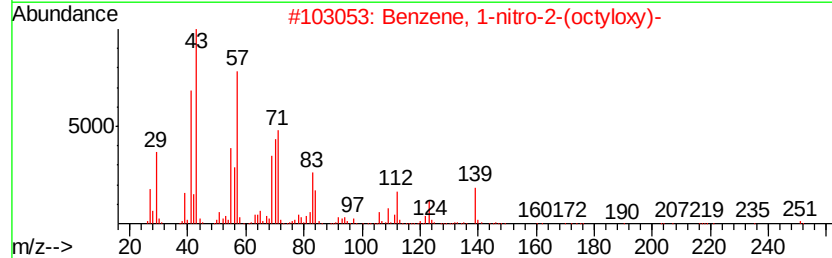
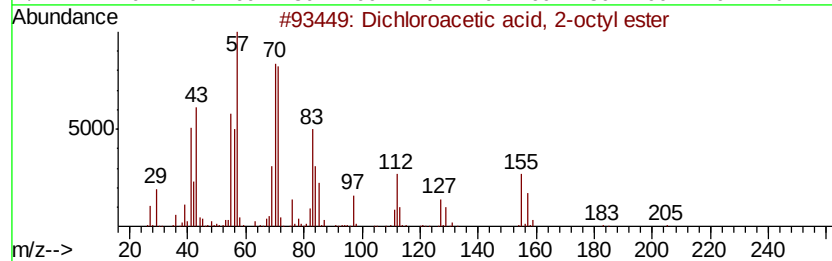
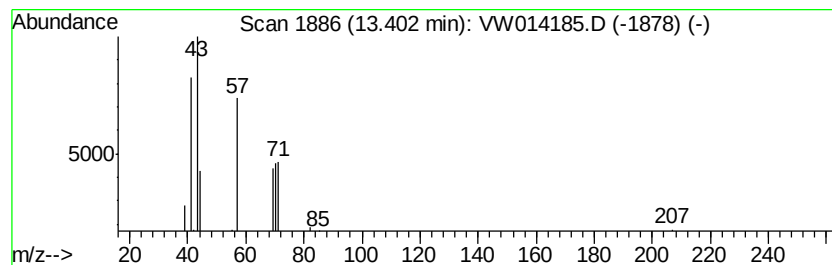
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Quant Title : VOC Analysis

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

Peak Number 10 unknown-05 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	5.36 ug/L	4074	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, 2-octyl ester	240	C10H18Cl2O2	096980-53-9	38
2		Benzene, 1-nitro-2-(octyloxy)-	251	C14H21NO3	037682-29-4	37
3		Hexanal, 5-methyl-	114	C7H14O	001860-39-5	33
4		Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	32
5		2-Isopropyl-5-methyl-1-heptanol	172	C11H24O	091337-07-4	28



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112919\
Data File : VW014185.D
Acq On : 29 Nov 2019 16:52
Operator : SY/VA
Sample : K6089-15
Misc : 2.92G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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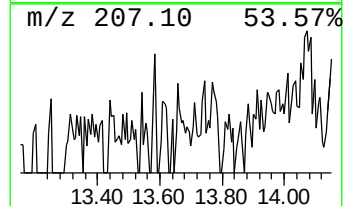
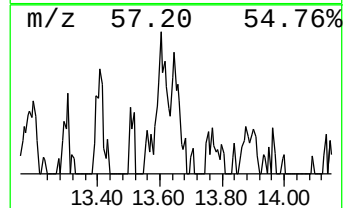
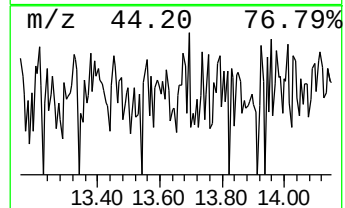
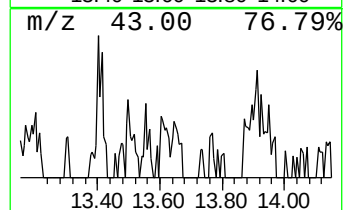
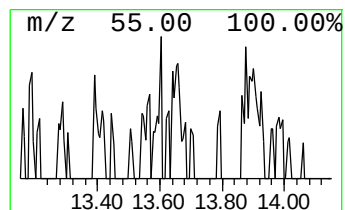
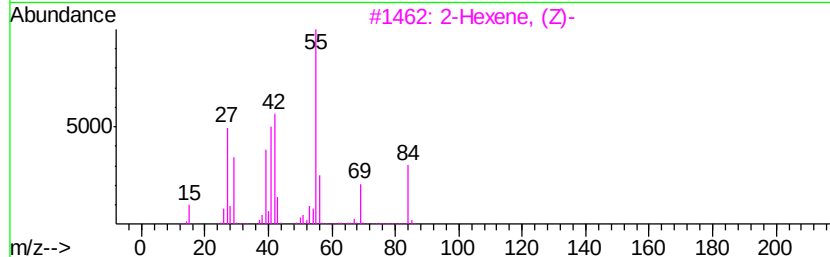
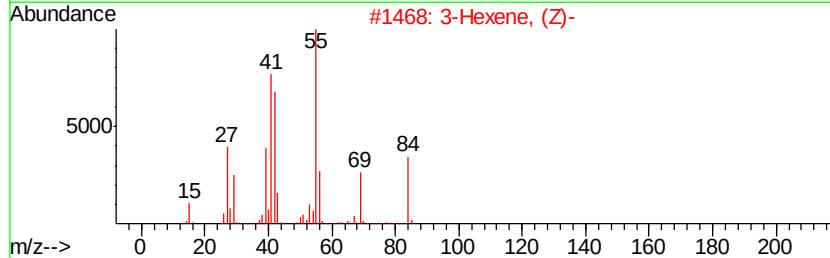
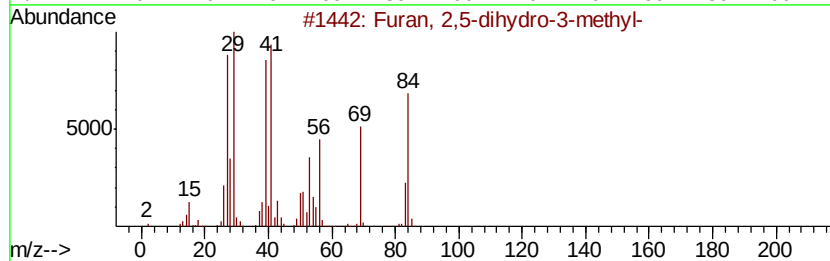
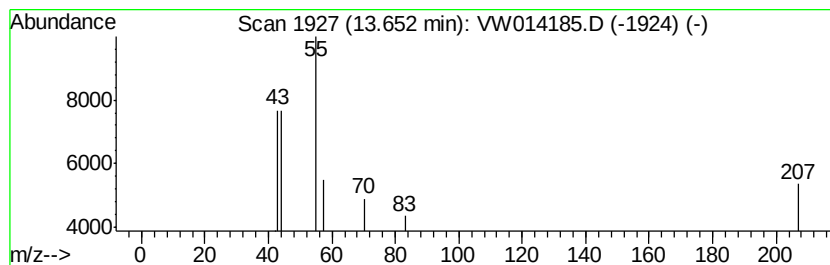
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Quant Title : VOC Analysis

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

Peak Number 11 unknown-06 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	1.80 ug/L	1366	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Furan, 2,5-dihydro-3-methyl-	84	C5H8O	001708-31-2	25
2			3-Hexene, (Z)-	84	C6H12	007642-09-3	12
3			2-Hexene, (Z)-	84	C6H12	007688-21-3	12
4			2-Pentyn-1-ol	84	C5H8O	006261-22-9	12
5			2-Pental, (E)-	84	C5H8O	001576-87-0	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112919\
Data File : VW014185.D
Acq On : 29 Nov 2019 16:52
Operator : SY/VA
Sample : K6089-15
Misc : 2.92G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

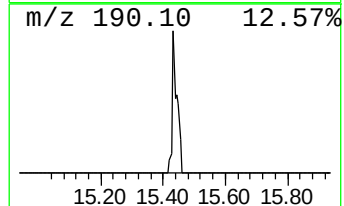
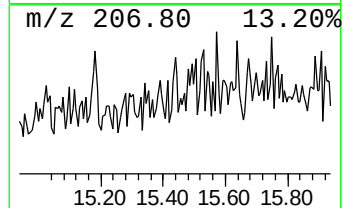
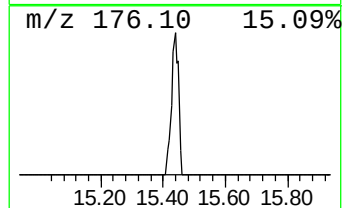
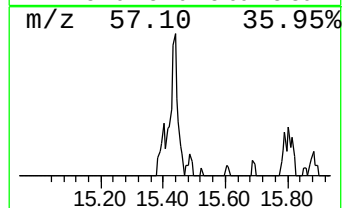
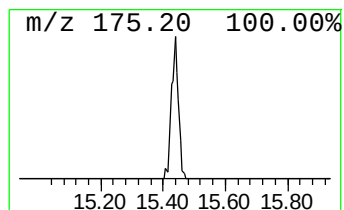
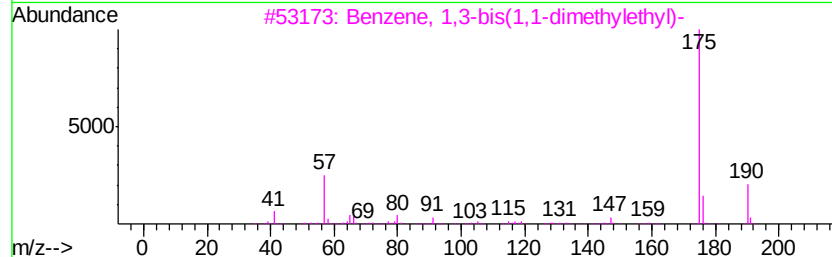
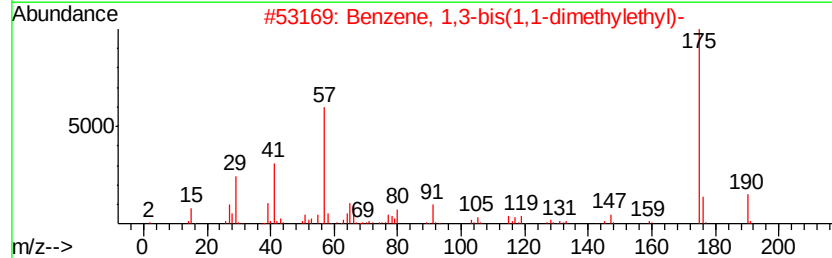
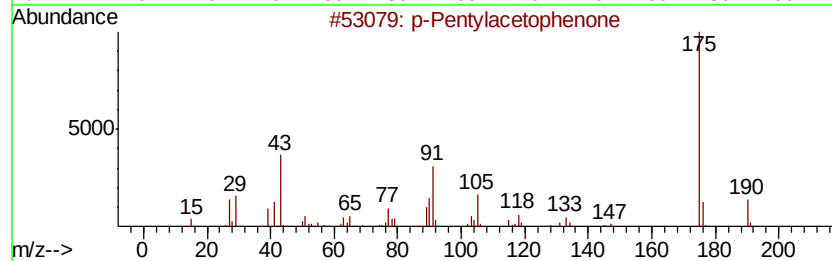
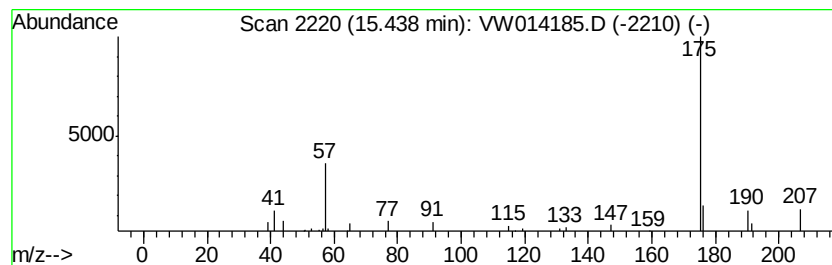
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MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 14 p-Pentylacetophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	20.31 ug/L	15451	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		p-Pentylacetophenone	190 C13H18O	037593-02-5 80
2		Benzene, 1,3-bis(1,1-dimethyleth...	190 C14H22	001014-60-4 72
3		Benzene, 1,3-bis(1,1-dimethyleth...	190 C14H22	001014-60-4 72
4		2,2'-Ethylidenebis(5-methylfuran)	190 C12H14O2	003209-79-8 72
5		Benzene, 1,4-bis(1,1-dimethyleth...	190 C14H22	001012-72-2 72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112919\
Data File : VW014185.D
Acq On : 29 Nov 2019 16:52
Operator : SY/VA
Sample : K6089-15
Misc : 2.92G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BR3

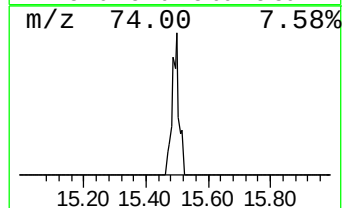
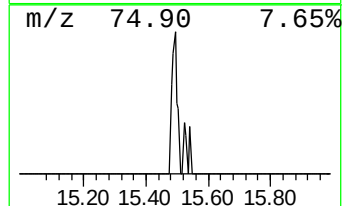
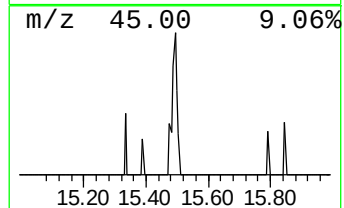
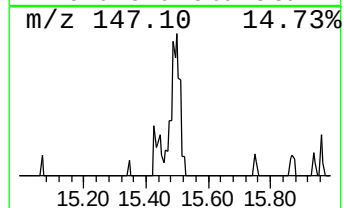
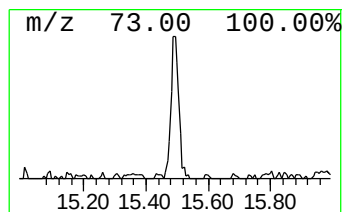
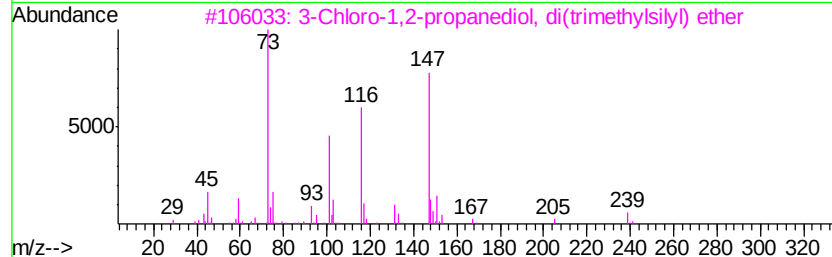
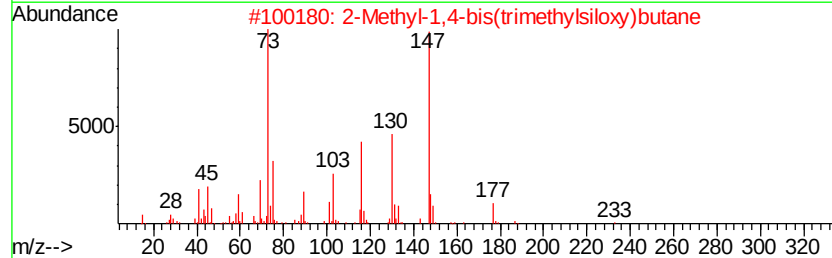
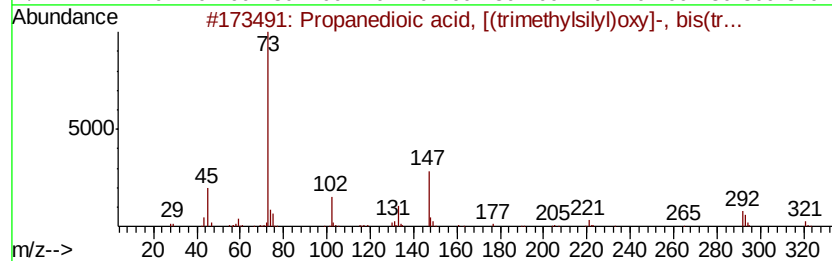
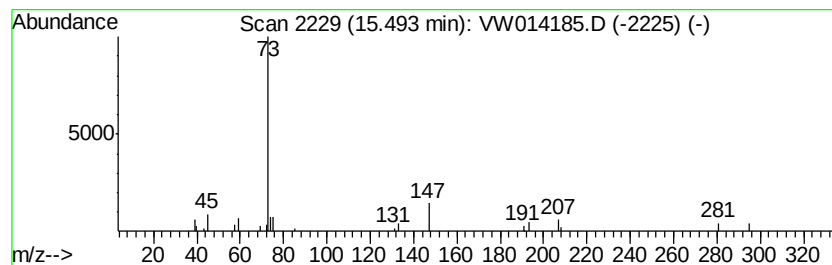
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 15 unknown-07 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	11.43 ug/L	8698	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanedioic acid, [(trimethylsi...	336	C12H28O5Si3	038165-93-4	37
2		2-Methyl-1,4-bis(trimethylsiloxy...	248	C11H28O2Si2	105747-05-5	25
3		3-Chloro-1,2-propanediol, di(tri...	254	C9H23ClO2Si2	073639-52-8	25
4		2-Phenyl-1,2-bis(trimethylsilylo...	296	C15H28O2Si2	294847-15-7	23
5		Propanedioic acid, [(trimethylsi...	336	C12H28O5Si3	038165-93-4	17



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112919\
Data File : VW014185.D
Acq On : 29 Nov 2019 16:52
Operator : SY/VA
Sample : K6089-15
Misc : 2.92G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BR3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.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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Tetrahydrofuran	7.53	2.9	ug/L	26335	1	8.84	224450	25.0
unknown-02	10.49	1.6	ug/L	5331	2	11.63	84241	25.0
unknown-03	12.86	1.6	ug/L	1214	3	13.56	19018	25.0
unknown-04	13.25	4.3	ug/L	3238	3	13.56	19018	25.0
unknown-05	13.40	5.4	ug/L	4074	3	13.56	19018	25.0
unknown-06	13.65	1.8	ug/L	1366	3	13.56	19018	25.0
p-Pentylacetophenone	15.44	20.3	ug/L	15451	3	13.56	19018	25.0
unknown-07	15.49	11.4	ug/L	8698	3	13.56	19018	25.0