

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102418\
 Data File : VW006328.D
 Acq On : 24 Oct 2018 19:01
 Operator : SY/AP
 Sample : J5635-26
 Misc : 4.75G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40G2

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\SOM2WLM100918S.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	1.959	5	9	27	rVB2	18067	39834	0.15%	0.066%
2	2.093	27	31	37	rVB	2371	4513	0.02%	0.007%
3	2.361	62	75	88	rBV	58839	144157	0.54%	0.239%
4	2.459	88	91	96	rVV4	3360	7528	0.03%	0.012%
5	2.501	96	98	102	rVV3	2547	4503	0.02%	0.007%
6	2.575	106	110	117	rVV7	2572	6026	0.02%	0.010%
7	2.825	146	151	154	rBV2	3057	5883	0.02%	0.010%
8	2.898	156	163	180	rVB	49648	137125	0.51%	0.227%
9	3.404	244	246	254	rVB6	3015	6739	0.03%	0.011%
10	3.727	296	299	310	rVB5	2889	7179	0.03%	0.012%
11	3.855	315	320	326	rVV6	2427	5399	0.02%	0.009%
12	4.013	335	346	359	rBV	109832	315986	1.18%	0.524%
13	4.147	359	368	383	rVV	28150	91466	0.34%	0.152%
14	4.379	397	406	415	rBV	3407	9154	0.03%	0.015%
15	4.678	449	455	456	rBV4	1672	2787	0.01%	0.005%
16	4.916	483	494	505	rBV2	13214	43857	0.16%	0.073%
17	5.793	624	638	650	rVB3	3800	12541	0.05%	0.021%
18	5.940	654	662	672	rVB4	2240	6783	0.03%	0.011%
19	6.915	814	822	828	rBV5	841	2721	0.01%	0.005%
20	7.092	839	851	858	rBV	25790	75951	0.28%	0.126%
21	7.653	932	943	954	rVB	157452	381770	1.43%	0.633%
22	8.165	1019	1027	1031	rBV6	1213	2917	0.01%	0.005%
23	8.281	1031	1046	1064	rBV2	307936	941157	3.52%	1.561%
24	8.634	1100	1104	1109	rVV5	2496	6010	0.02%	0.010%
25	8.695	1109	1114	1121	rVB4	4967	11763	0.04%	0.020%
26	8.848	1130	1139	1151	rBV	426405	832849	3.12%	1.382%
27	9.079	1171	1177	1183	rBV6	3082	6503	0.02%	0.011%
28	9.281	1201	1210	1217	rBV	205048	417125	1.56%	0.692%
29	9.762	1277	1289	1290	rBV5	3580	9864	0.04%	0.016%
30	9.793	1290	1294	1298	rVB5	2236	3790	0.01%	0.006%
31	9.963	1316	1322	1324	rBV5	2756	4960	0.02%	0.008%
32	10.037	1325	1334	1341	rVV	103600	201083	0.75%	0.334%
33	10.098	1341	1344	1353	rVB6	5892	12861	0.05%	0.021%
34	10.329	1374	1382	1388	rBV	427025	756492	2.83%	1.255%

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 Title : VOC Analysis

35	10.402	1388	1394	1402	rVV4	47894	111534	0.42%	0.185%
36	10.512	1404	1412	1417	rVV3	31290	74596	0.28%	0.124%
37	10.579	1417	1423	1429	rVV	75839	152001	0.57%	0.252%
38	10.628	1429	1431	1436	rVV2	7623	11874	0.04%	0.020%
39	10.695	1436	1442	1449	rVV3	22654	43125	0.16%	0.072%
40	10.780	1449	1456	1464	rVV6	8813	23596	0.09%	0.039%
41	10.841	1464	1466	1474	rVV6	3259	6737	0.03%	0.011%
42	10.933	1474	1481	1495	rVV	110150	196740	0.74%	0.326%
43	11.183	1516	1522	1526	rBV3	7843	12957	0.05%	0.021%
44	11.232	1526	1530	1536	rBV4	3773	5411	0.02%	0.009%
45	11.293	1536	1540	1542	rBV4	1839	3183	0.01%	0.005%
46	11.469	1544	1569	1573	rBV	106037	544436	2.04%	0.903%
47	11.634	1590	1596	1607	rVB2	512031	1157961	4.33%	1.921%
48	11.731	1607	1612	1617	rVB2	11444	24380	0.09%	0.040%
49	11.847	1623	1631	1640	rBV	76421	139995	0.52%	0.232%
50	11.927	1642	1644	1648	rVB5	2649	2818	0.01%	0.005%
51	12.073	1665	1668	1672	rVB5	2302	3077	0.01%	0.005%
52	12.170	1672	1684	1691	rBV	105620	185918	0.70%	0.308%
53	12.256	1694	1698	1703	rVB2	7248	11547	0.04%	0.019%
54	12.311	1703	1707	1708	rBV4	2017	2915	0.01%	0.005%
55	12.347	1708	1713	1714	rBV4	4699	7314	0.03%	0.012%
56	12.469	1724	1733	1740	rBV	624452	1027994	3.85%	1.705%
57	12.615	1740	1757	1758	rBV3	78352	267982	1.00%	0.445%
58	12.695	1760	1770	1777	rBV	264426	777909	2.91%	1.291%
59	12.908	1801	1805	1806	rBV2	23313	30535	0.11%	0.051%
60	12.951	1806	1812	1823	rVB	300585	532023	1.99%	0.883%
61	13.207	1831	1854	1860	rBV2	488106	2452878	9.18%	4.069%
62	13.414	1880	1888	1892	rBV2	226281	404275	1.51%	0.671%
63	13.451	1892	1894	1897	rVB	50904	51107	0.19%	0.085%
64	13.506	1897	1903	1909	rBV	2639893	4204693	15.74%	6.976%
65	13.585	1909	1916	1932	rVB	16411381	26717161	100.00%	44.325%
66	13.725	1933	1939	1941	rBV2	64196	97166	0.36%	0.161%
67	13.774	1941	1947	1951	rBV3	157806	312282	1.17%	0.518%
68	13.877	1956	1964	1971	rBV3	693285	1356679	5.08%	2.251%
69	13.957	1972	1977	1982	rVB3	79514	150157	0.56%	0.249%
70	14.048	1989	1992	1994	rBV	23140	24919	0.09%	0.041%
71	14.115	1994	2003	2013	rVB4	199557	655833	2.45%	1.088%

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72	14.213	2013	2019	2023	rBV3	45570	97978	0.37%	0.163%
73	14.261	2023	2027	2030	rBV2	61612	109524	0.41%	0.182%
74	14.396	2038	2049	2050	rBV2	191535	388120	1.45%	0.644%
75	14.469	2058	2061	2063	rBV	60018	70349	0.26%	0.117%
76	14.524	2063	2070	2087	rVB3	1039020	3878395	14.52%	6.434%
77	14.652	2087	2091	2095	rBV2	48621	73232	0.27%	0.121%
78	14.694	2095	2098	2101	rVB4	31021	35669	0.13%	0.059%
79	14.737	2101	2105	2108	rBV	140440	182539	0.68%	0.303%
80	14.798	2108	2115	2126	rBV8	91018	325278	1.22%	0.540%
81	14.914	2127	2134	2143	rVB2	184764	528805	1.98%	0.877%
82	15.072	2156	2160	2164	rBV3	16856	28241	0.11%	0.047%
83	15.139	2164	2171	2182	rVV	436125	783946	2.93%	1.301%
84	15.261	2187	2191	2199	rVV7	16147	41730	0.16%	0.069%
85	15.377	2199	2210	2214	rVV3	45196	136295	0.51%	0.226%
86	15.420	2214	2217	2221	rVB4	12139	18381	0.07%	0.030%
87	15.572	2236	2242	2248	rBV3	122418	273512	1.02%	0.454%
88	15.645	2248	2254	2264	rVV5	33617	116165	0.43%	0.193%
89	15.822	2279	2283	2287	rBV3	26677	50903	0.19%	0.084%
90	15.865	2287	2290	2293	rVV2	28192	38811	0.15%	0.064%
91	15.895	2293	2295	2302	rVB5	26615	51442	0.19%	0.085%
92	16.011	2302	2314	2318	rBV6	60973	199844	0.75%	0.332%
93	16.188	2335	2343	2346	rBV	551655	998717	3.74%	1.657%
94	16.231	2346	2350	2356	rVV	861537	1743507	6.53%	2.893%
95	16.286	2356	2359	2368	rVB	275492	491985	1.84%	0.816%
96	16.365	2368	2372	2375	rBV3	7517	11075	0.04%	0.018%
97	16.432	2375	2383	2388	rBV	669890	1235722	4.63%	2.050%
98	16.511	2388	2396	2404	rVB	638270	1294090	4.84%	2.147%
99	16.615	2405	2413	2423	rBV	271630	521154	1.95%	0.865%
100	16.755	2424	2436	2441	rBV2	61500	245059	0.92%	0.407%

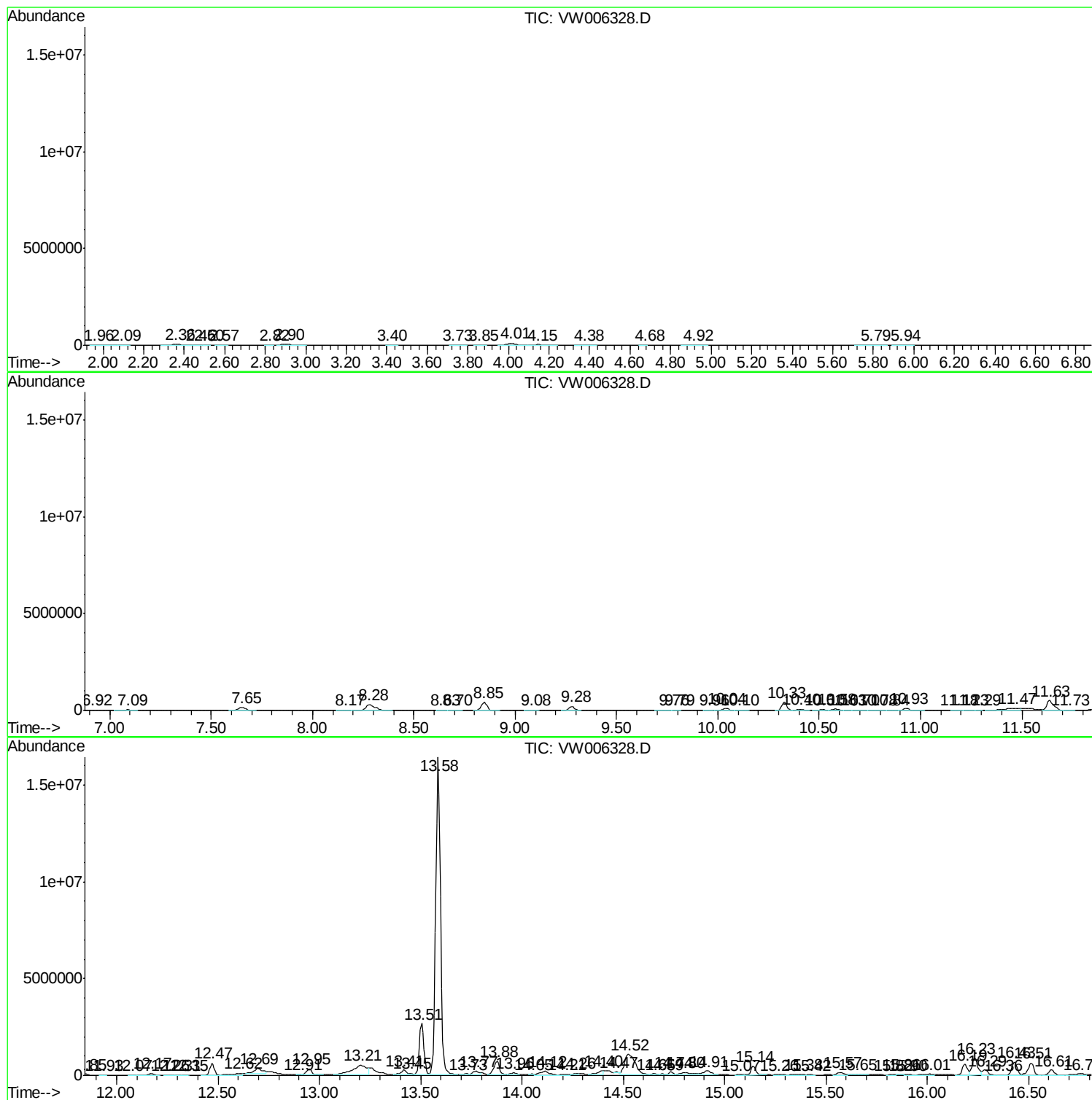
Sum of corrected areas: 60275452

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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



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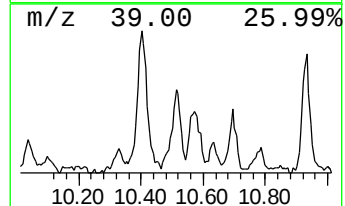
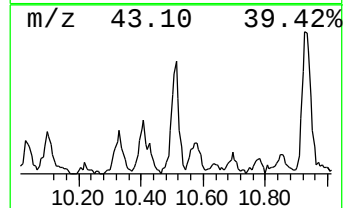
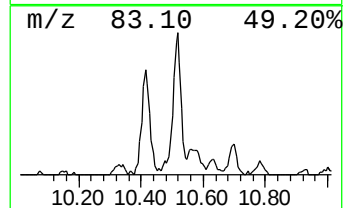
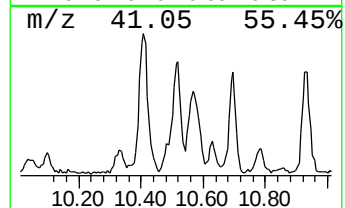
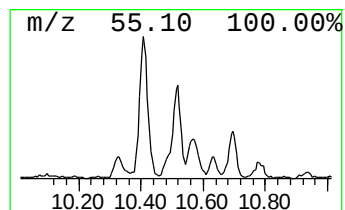
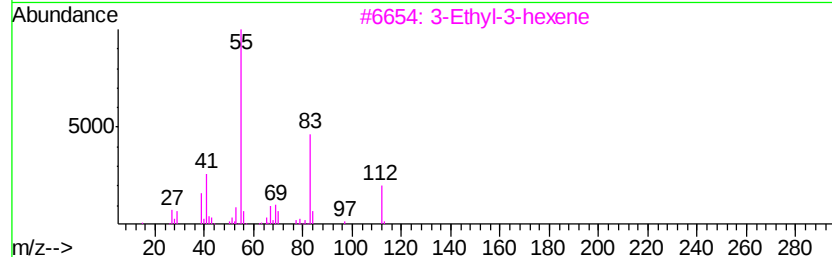
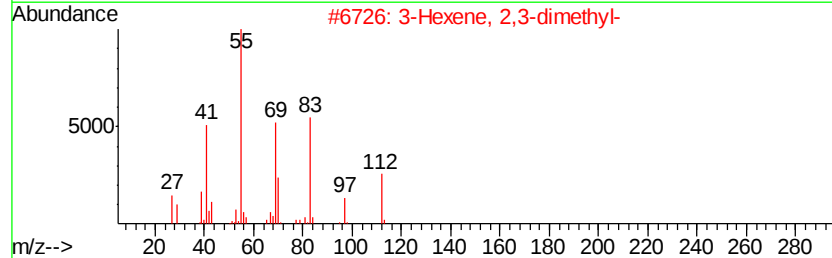
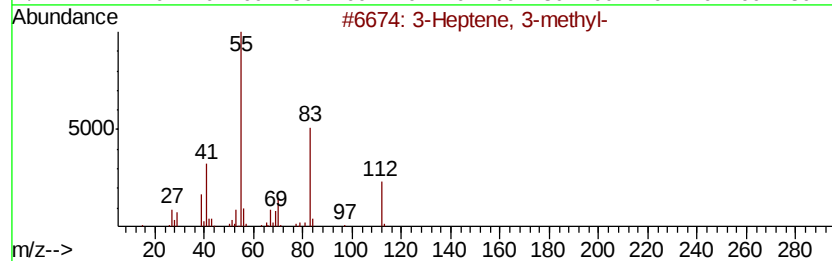
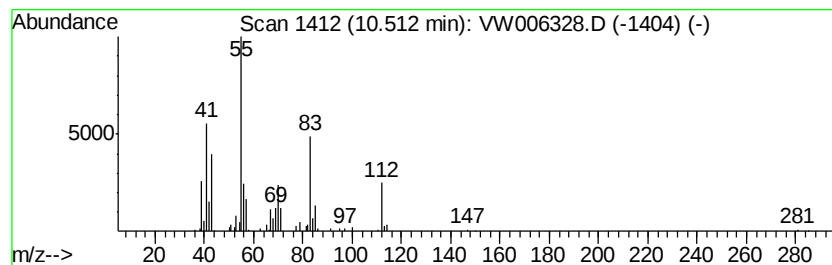
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Cyclic10.51 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	1.61 ug/L	74596	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Heptene, 3-methyl-	112	C8H16	007300-03-0	64
2		3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	62
3		3-Ethyl-3-hexene	112	C8H16	016789-51-8	60
4		Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	53
5		2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	53



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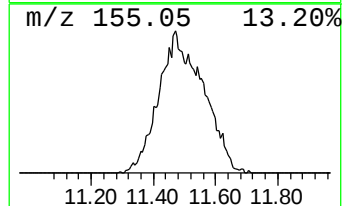
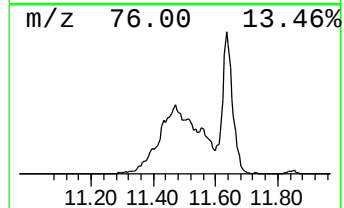
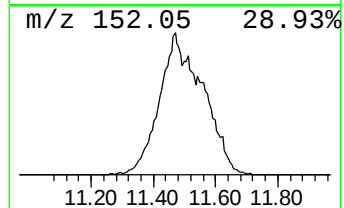
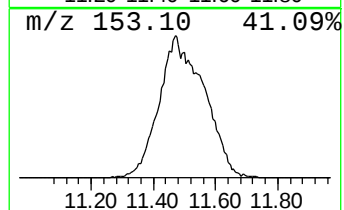
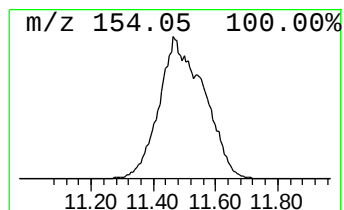
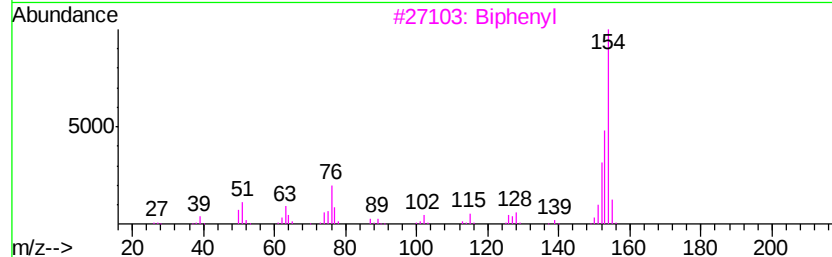
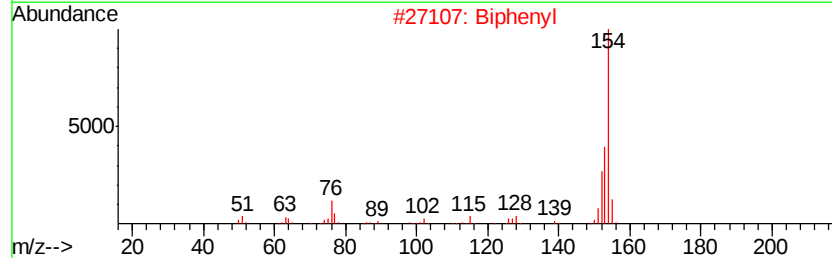
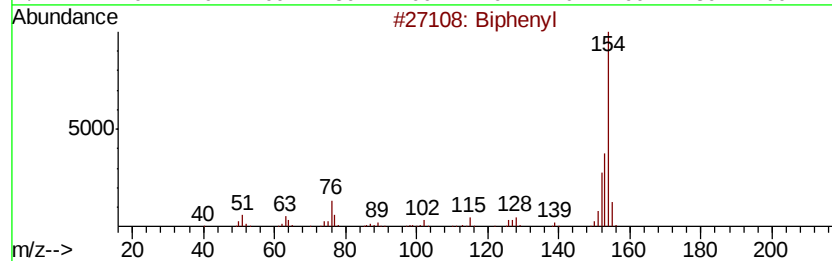
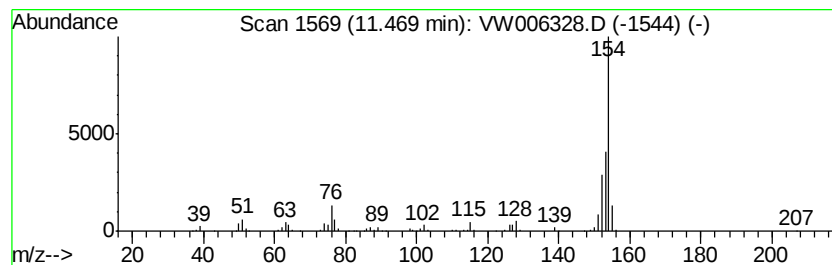
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Quant Title : VOC Analysis

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

Peak Number 3 Biphenyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	11.75 ug/L	544436	Chlorobenzene-d5	11.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Biphenyl		154 C12H10	000092-52-4 95
2	Biphenyl		154 C12H10	000092-52-4 95
3	Biphenyl		154 C12H10	000092-52-4 93
4	Biphenyl		154 C12H10	000092-52-4 93
5	Naphthalene, 2-ethenyl-		154 C12H10	000827-54-3 87



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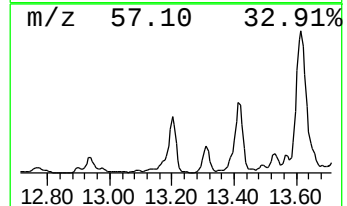
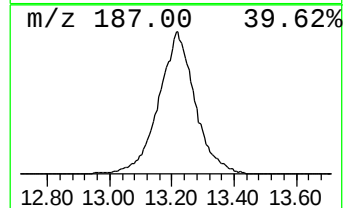
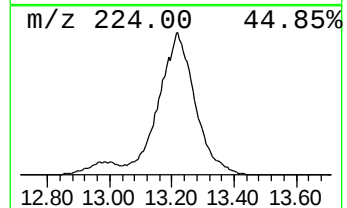
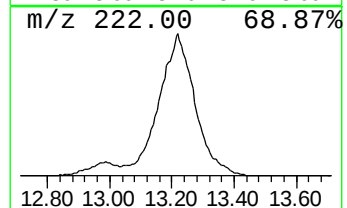
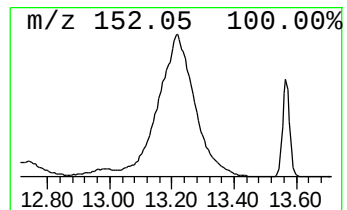
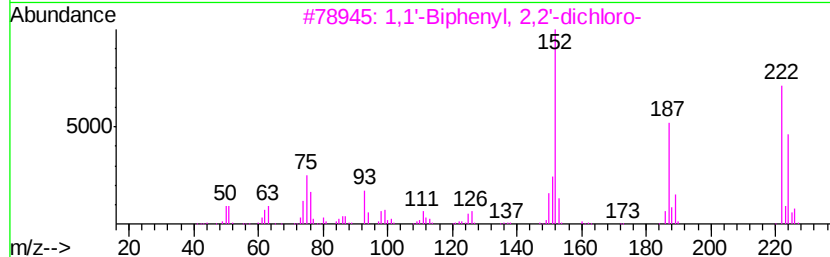
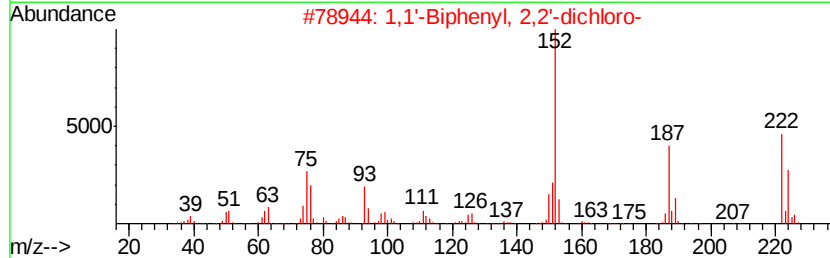
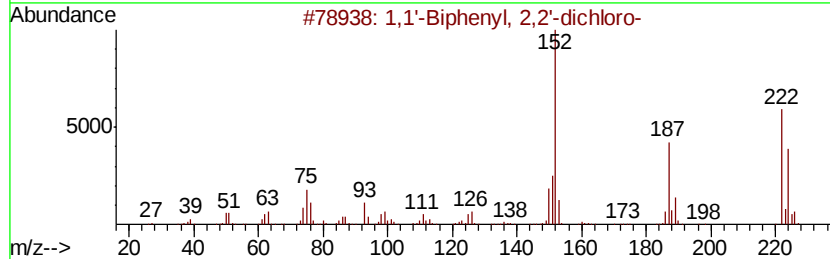
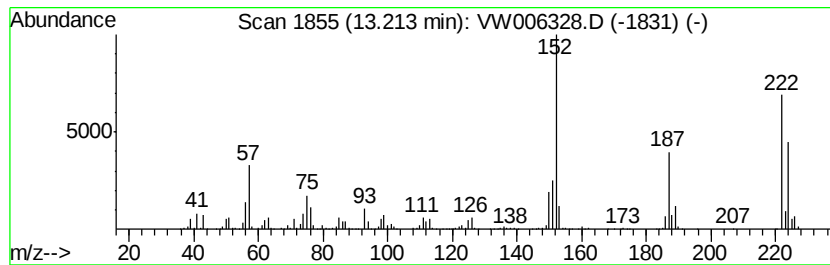
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.21	2.30 ug/L	2452880	1,4-Dichlorobenzene-d4	13.57		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'	-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
3	1,1'	-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
4	1,1'	-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98
5	1,1'	-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006328.D
Acq On : 24 Oct 2018 19:01
Operator : SY/AP
Sample : J5635-26
Misc : 4.75G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

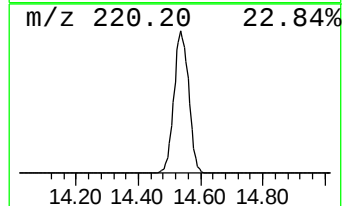
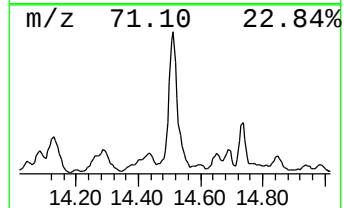
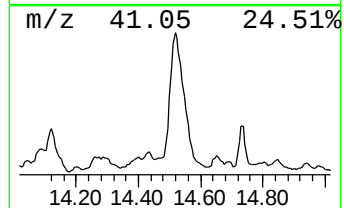
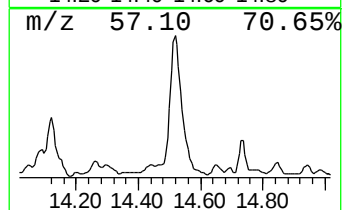
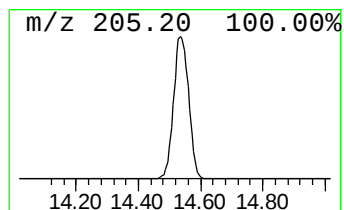
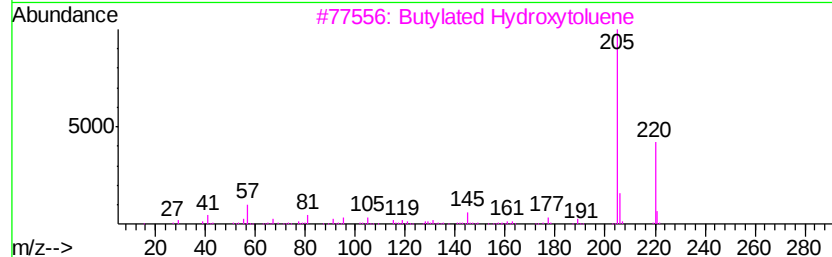
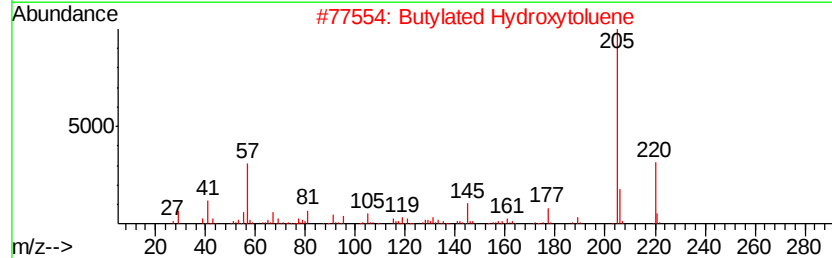
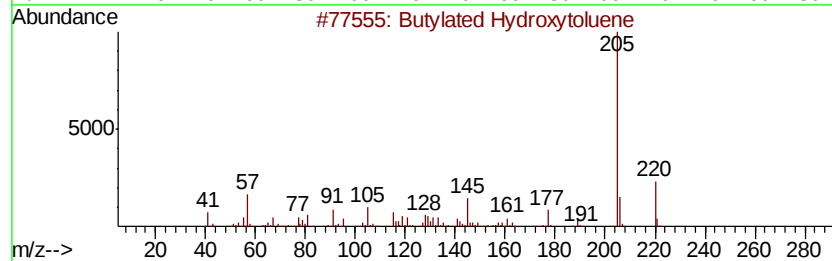
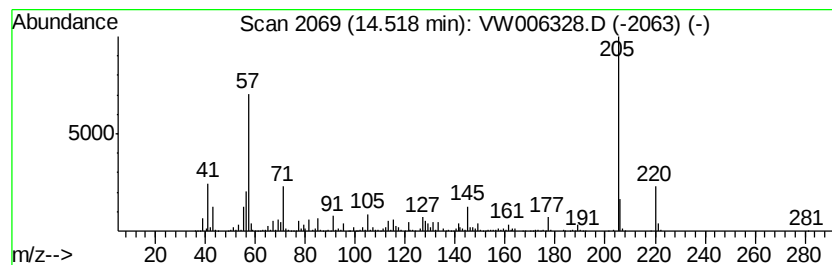
Instrument :
MSVOA_W
ClientSampleId :
A40G2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

Peak Number 5 Butylated Hydroxytoluene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.52	3.63 ug/L	3878400	1,4-Dichlorobenzene-d4	13.57		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated	Hydroxytoluene	220	C15H24O	000128-37-0	98
2	Butylated	Hydroxytoluene	220	C15H24O	000128-37-0	97
3	Butylated	Hydroxytoluene	220	C15H24O	000128-37-0	93
4	Butylated	Hydroxytoluene	220	C15H24O	000128-37-0	90
5	Phenol, 4,6-di(1,1-dimethylethyl...		220	C15H24O	000616-55-7	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006328.D
Acq On : 24 Oct 2018 19:01
Operator : SY/AP
Sample : J5635-26
Misc : 4.75G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

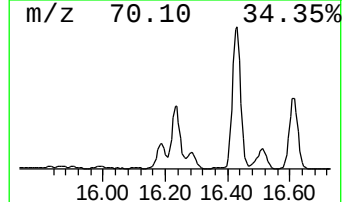
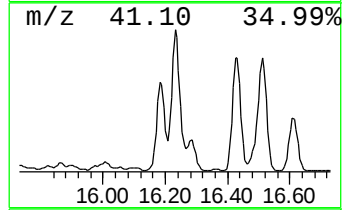
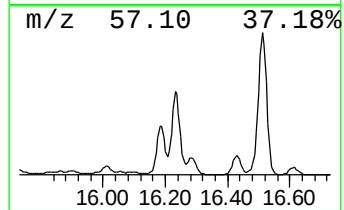
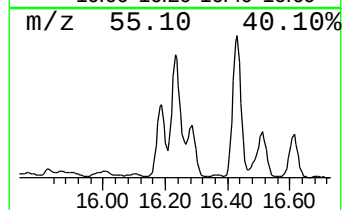
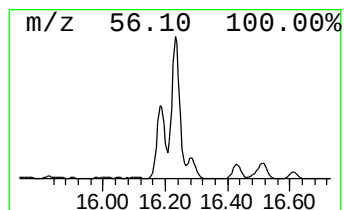
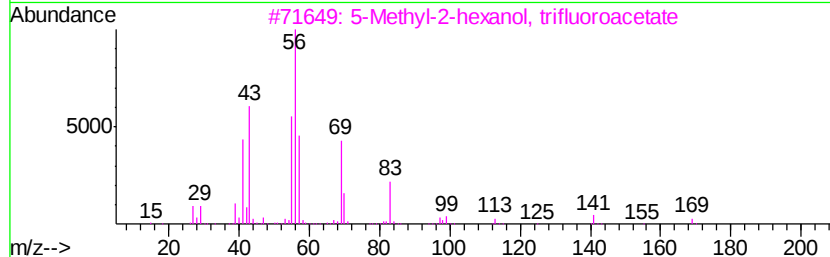
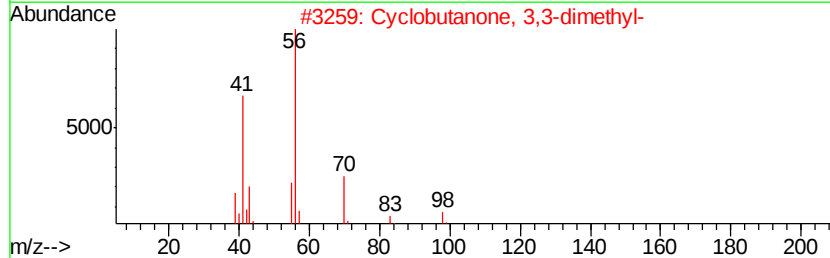
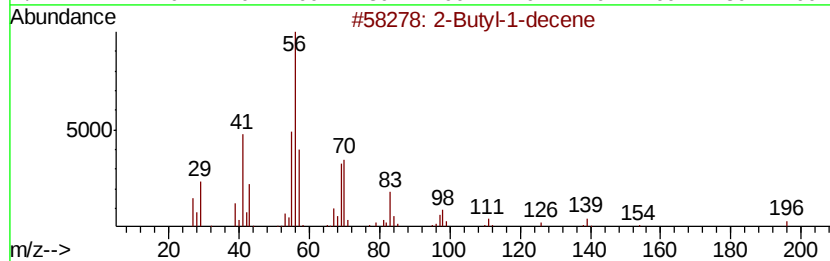
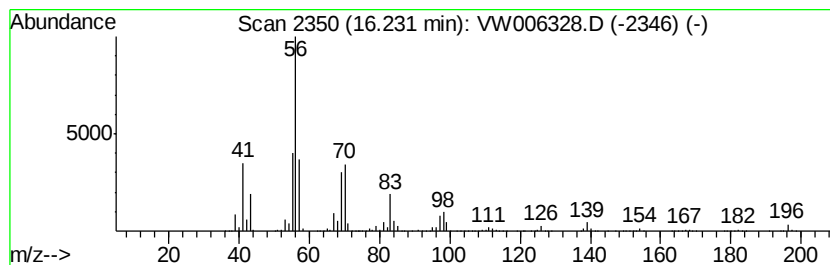
Instrument :
MSVOA_W
ClientSampleId :
A40G2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic16.23 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.23	1.63 ug/L	1743510	1,4-Dichlorobenzene-d4	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyl-1-decene	196	C14H28	051655-65-3	95
2	Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	64
3	5-Methyl-2-hexanol, trifluoroacetate...	212	C9H15F3O2	1000364-20-2	53
4	1-Decene, 9-methyl-	154	C11H22	061142-78-7	50
5	Undecane, 5-methylene-	168	C12H24	005698-48-6	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW102418\
Data File : VW006328.D
Acq On : 24 Oct 2018 19:01
Operator : SY/AP
Sample : J5635-26
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.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: Cyc...	10.51	1.6	ug/L	74596	2	11.63	1157960	25.0
Biphenyl	11.47	11.8	ug/L	544436	2	11.63	1157960	25.0
1,1'-Biphenyl, 2,...	13.21	2.3	ug/L	2452880	3	13.57	26717200	25.0
Butylated Hydroxy...	14.52	3.6	ug/L	3878400	3	13.57	26717200	25.0
(DEL) Alkane: Cyc...	16.23	1.6	ug/L	1743510	3	13.57	26717200	25.0