

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121219\
 Data File : VW014330.D
 Acq On : 12 Dec 2019 17:02
 Operator : SY/VA
 Sample : K6236-20
 Misc : 4.49G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEW2

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\SOM2WLM120519S.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	1.953	4	8	26	rVB4	21724	56709	1.24%	0.161%
2	2.154	35	41	48	rBV2	30603	70199	1.54%	0.199%
3	2.349	63	73	85	rBV	371689	691207	15.12%	1.960%
4	2.495	93	97	100	rBV2	7248	13229	0.29%	0.038%
5	2.623	117	118	125	rVB7	7319	9804	0.21%	0.028%
6	2.818	146	150	153	rBV5	4036	5943	0.13%	0.017%
7	2.885	153	161	173	rVV	235106	562960	12.31%	1.596%
8	3.391	239	244	252	rVB6	4871	11628	0.25%	0.033%
9	3.666	279	289	297	rBV2	15876	42114	0.92%	0.119%
10	3.849	311	319	322	rBV4	3432	8790	0.19%	0.025%
11	4.013	334	346	359	rVV	493109	1615667	35.34%	4.581%
12	4.117	359	363	371	rVB	30392	74930	1.64%	0.212%
13	4.379	399	406	407	rBV2	10171	16703	0.37%	0.047%
14	4.605	436	443	451	rBV5	3281	8870	0.19%	0.025%
15	4.909	481	493	518	rBV2	91191	371480	8.13%	1.053%
16	5.147	523	532	533	rBV7	3444	6625	0.14%	0.019%
17	5.787	624	637	642	rBV7	4873	18340	0.40%	0.052%
18	5.927	651	660	670	rBV4	21619	67621	1.48%	0.192%
19	7.074	839	848	853	rBV	126594	354867	7.76%	1.006%
20	7.128	853	857	875	rVB	105901	318480	6.97%	0.903%
21	7.647	930	942	957	rVB	728202	1768714	38.69%	5.015%
22	7.945	985	991	999	rVB7	5255	15055	0.33%	0.043%
23	8.269	1030	1044	1064	rBV2	1543727	4571875	100.00%	12.964%
24	8.695	1111	1114	1121	rVB7	4597	10094	0.22%	0.029%
25	8.842	1128	1138	1151	rBV	1415988	2851981	62.38%	8.087%
26	9.073	1167	1176	1182	rBV3	18107	42063	0.92%	0.119%
27	9.268	1199	1208	1217	rBV	1012849	2060698	45.07%	5.843%
28	9.665	1267	1273	1277	rBV8	3142	6482	0.14%	0.018%
29	10.030	1324	1333	1348	rBV	491321	926377	20.26%	2.627%
30	10.207	1355	1362	1369	rBV3	10134	20476	0.45%	0.058%
31	10.323	1373	1381	1388	rBV	2044763	3680961	80.51%	10.438%
32	10.384	1388	1391	1396	rVB	15188	26619	0.58%	0.075%
33	10.500	1404	1410	1415	rBV10	4855	9919	0.22%	0.028%
34	10.573	1415	1422	1433	rBV	316417	554223	12.12%	1.572%

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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Title : VOC Analysis

35	10.701	1437	1443	1449	rVB	64898	115736	2.53%	0.328%
36	10.823	1458	1463	1473	rVB	63914	120345	2.63%	0.341%
37	10.920	1473	1479	1489	rBV	506602	865170	18.92%	2.453%
38	11.061	1496	1502	1512	rVB2	54607	96358	2.11%	0.273%
39	11.177	1516	1521	1525	rBV4	11361	18210	0.40%	0.052%
40	11.225	1525	1529	1535	rVB2	20412	33773	0.74%	0.096%
41	11.286	1535	1539	1543	rBV7	4697	9570	0.21%	0.027%
42	11.335	1543	1547	1552	rVB7	7144	12795	0.28%	0.036%
43	11.439	1555	1564	1570	rVB2	48512	94462	2.07%	0.268%
44	11.512	1572	1576	1579	rBV3	7773	12709	0.28%	0.036%
45	11.628	1588	1595	1606	rBV	1792044	3083721	67.45%	8.744%
46	11.725	1606	1611	1615	rBV4	15264	27255	0.60%	0.077%
47	11.762	1615	1617	1620	rVB4	9796	9829	0.21%	0.028%
48	11.829	1620	1628	1631	rBV7	13473	37903	0.83%	0.107%
49	11.872	1631	1635	1640	rBV5	20336	37587	0.82%	0.107%
50	11.975	1648	1652	1656	rVB7	5868	10276	0.22%	0.029%
51	12.042	1658	1663	1666	rBV5	8051	13099	0.29%	0.037%
52	12.140	1671	1679	1683	rBV4	61056	151370	3.31%	0.429%
53	12.176	1683	1685	1690	rVB3	27435	40244	0.88%	0.114%
54	12.225	1690	1693	1694	rBV	6330	7235	0.16%	0.021%
55	12.249	1694	1697	1701	rVB2	36250	51420	1.12%	0.146%
56	12.298	1701	1705	1707	rBV4	25046	38099	0.83%	0.108%
57	12.335	1707	1711	1714	rBV3	45938	81660	1.79%	0.232%
58	12.518	1738	1741	1751	rVB9	20342	61402	1.34%	0.174%
59	12.609	1751	1756	1761	rVB	137433	221754	4.85%	0.629%
60	12.688	1761	1769	1777	rBV	698883	1191599	26.06%	3.379%
61	12.780	1778	1784	1791	rVB3	195392	363346	7.95%	1.030%
62	12.859	1791	1797	1802	rBV7	36686	96806	2.12%	0.274%
63	12.938	1803	1810	1816	rVV6	90187	219049	4.79%	0.621%
64	13.030	1823	1825	1829	rVB4	14960	16383	0.36%	0.046%
65	13.103	1829	1837	1843	rBV4	60676	169477	3.71%	0.481%
66	13.176	1843	1849	1857	rVB8	71465	202225	4.42%	0.573%
67	13.255	1858	1862	1864	rBV3	24880	36034	0.79%	0.102%
68	13.292	1865	1868	1872	rBV4	23339	37463	0.82%	0.106%
69	13.383	1879	1883	1886	rBV3	23689	35833	0.78%	0.102%
70	13.469	1892	1897	1905	rVB2	125221	247593	5.42%	0.702%
71	13.554	1905	1911	1921	rBV	1573858	2613026	57.15%	7.409%

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72	13.652	1923	1927	1930	rVV2	30674	48484	1.06%	0.137%
73	13.713	1931	1937	1941	rVV3	42293	91442	2.00%	0.259%
74	13.755	1942	1944	1948	rVB3	21177	24171	0.53%	0.069%
75	13.798	1948	1951	1953	rBV3	14502	19388	0.42%	0.055%
76	13.853	1953	1960	1971	rVV	1478454	2563748	56.08%	7.270%
77	13.950	1971	1976	1984	rVB	53832	79883	1.75%	0.227%
78	14.066	1991	1995	1996	rBV	44037	50736	1.11%	0.144%
79	14.091	1997	1999	2007	rVB2	77405	120589	2.64%	0.342%
80	14.200	2010	2017	2023	rVB5	54828	115360	2.52%	0.327%
81	14.267	2023	2028	2033	rBV7	18937	34523	0.76%	0.098%
82	14.335	2033	2039	2044	rBV4	44641	87545	1.91%	0.248%
83	14.383	2044	2047	2050	rVV4	20378	27029	0.59%	0.077%
84	14.420	2050	2053	2058	rVB5	21213	30789	0.67%	0.087%
85	14.505	2062	2067	2069	rBV4	16136	27931	0.61%	0.079%
86	14.548	2070	2074	2080	rVB7	13990	25821	0.56%	0.073%
87	14.725	2101	2103	2107	rVB4	7753	9546	0.21%	0.027%
88	14.804	2109	2116	2121	rBV2	58537	136229	2.98%	0.386%
89	14.956	2136	2141	2147	rVB8	14446	25033	0.55%	0.071%
90	15.060	2156	2158	2163	rVB6	14565	17203	0.38%	0.049%
91	15.103	2163	2165	2169	rVB4	10229	12216	0.27%	0.035%
92	15.170	2173	2176	2183	rVB3	20725	38948	0.85%	0.110%
93	15.328	2197	2202	2206	rBV2	27249	40429	0.88%	0.115%
94	15.432	2213	2219	2225	rBV	56299	105441	2.31%	0.299%
95	15.737	2265	2269	2271	rBV5	8522	14499	0.32%	0.041%
96	16.170	2332	2340	2341	rBV8	17918	35974	0.79%	0.102%
97	16.285	2355	2359	2365	rVB8	11084	20777	0.45%	0.059%
98	16.371	2368	2373	2379	rVV7	20672	46957	1.03%	0.133%
99	16.438	2381	2384	2398	rVB7	14767	38768	0.85%	0.110%
100	16.639	2410	2417	2418	rBV7	11597	24450	0.53%	0.069%

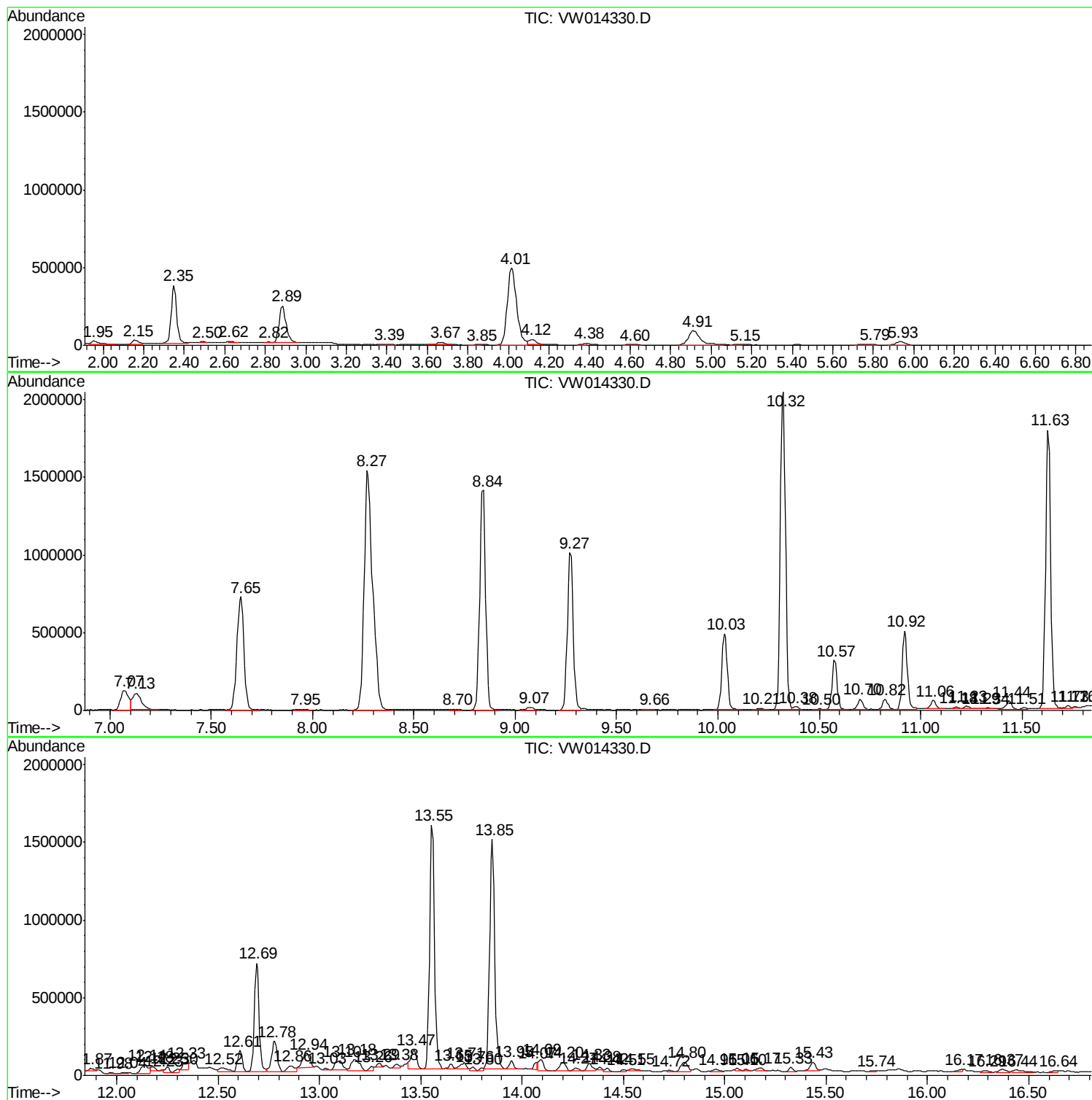
Sum of corrected areas: 35266428

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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



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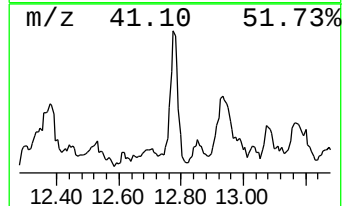
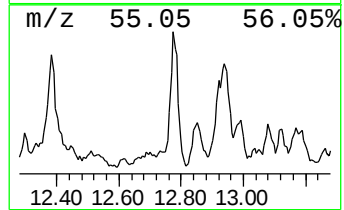
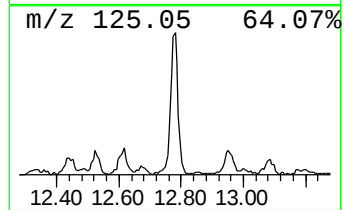
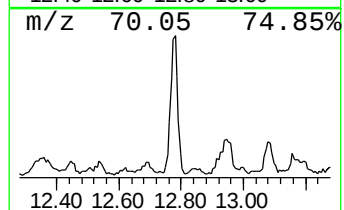
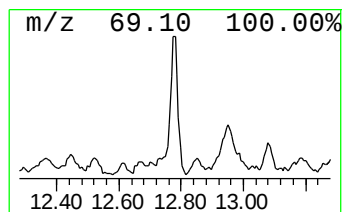
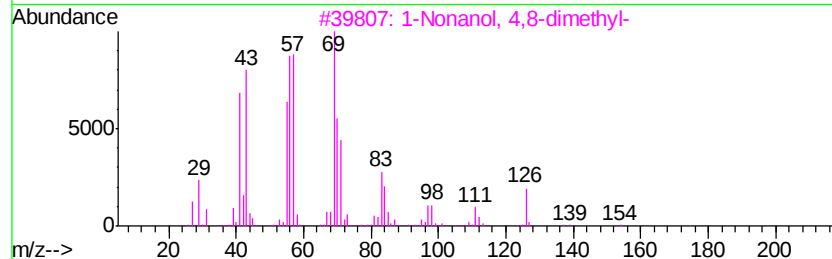
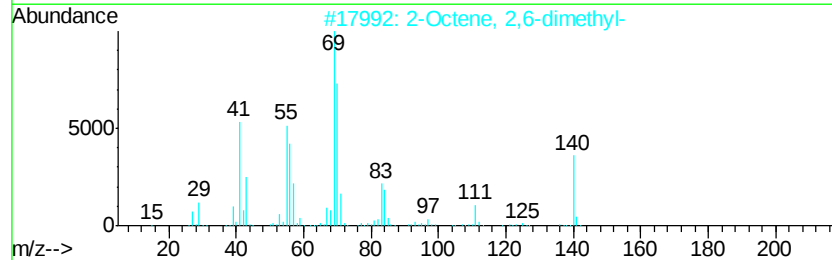
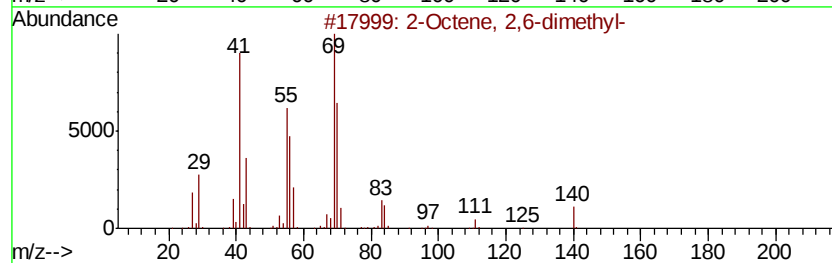
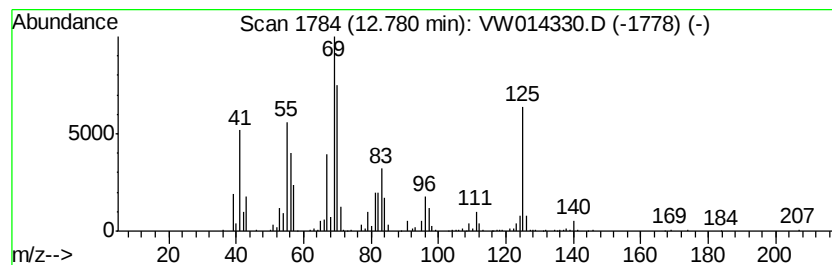
Instrument :
MSVOA_W
ClientSampleId :
BFEW2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic12.78 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.78	3.48 ug/L	363346	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	50
3	1-Nonanol, 4,8-dimethyl-	172	C11H24O	033933-80-1	43
4	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	41
5	2-Undecene, 2-methyl-	168	C12H24	056888-88-1	38



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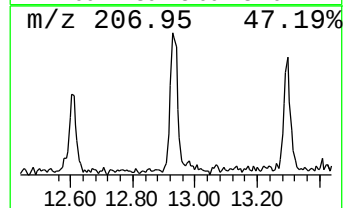
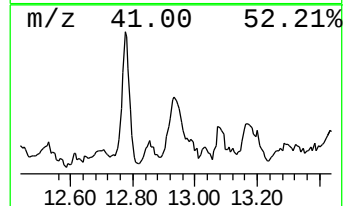
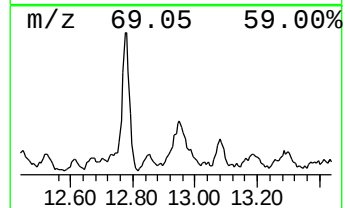
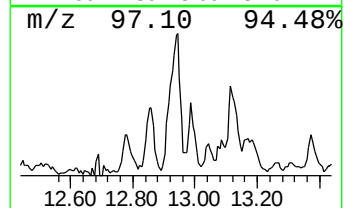
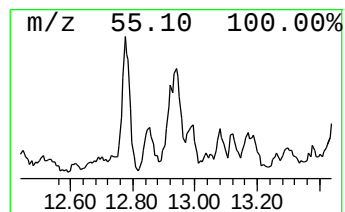
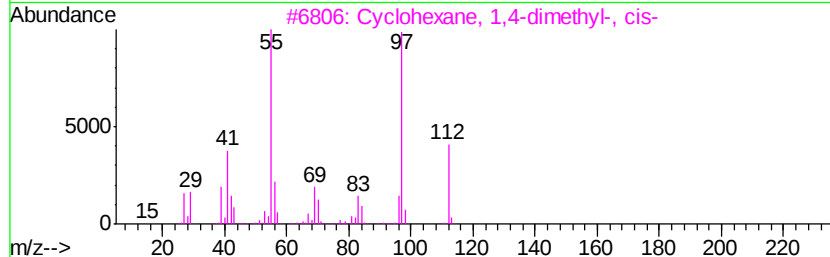
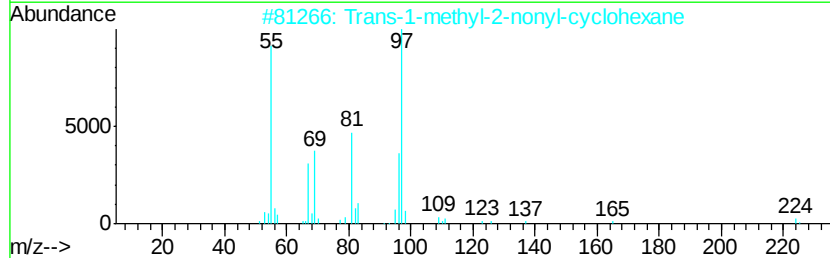
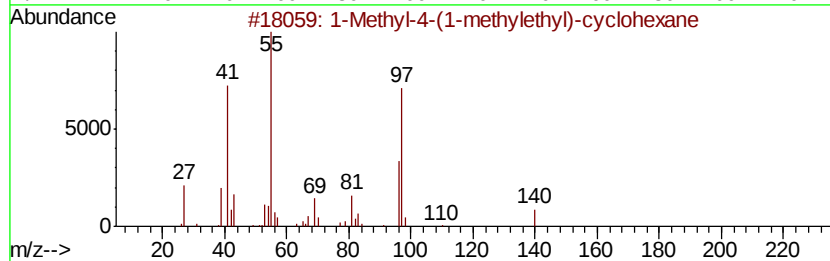
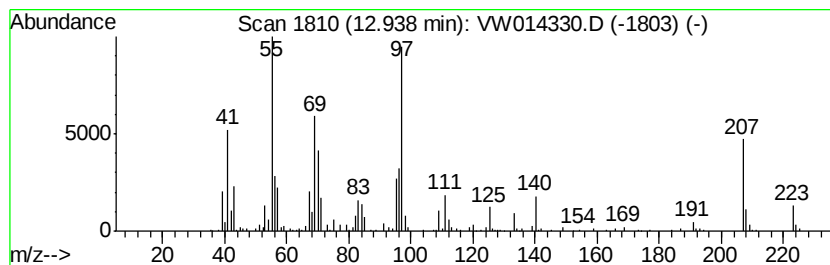
Instrument :
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic12.94 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.94	2.10 ug/L	219049	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	38
2	Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	30
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	30
4	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	30
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	27



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Misc : 4.49G/10ML/MSVOA W/SOIL
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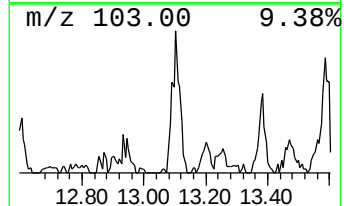
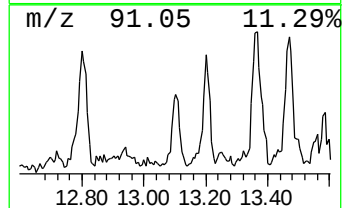
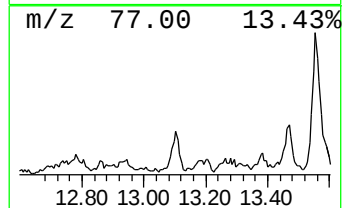
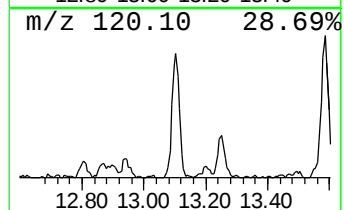
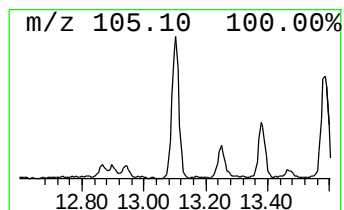
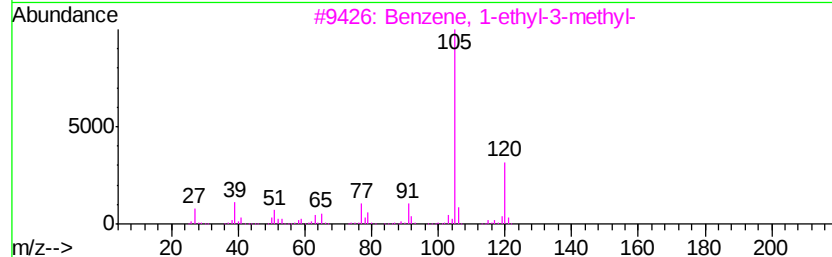
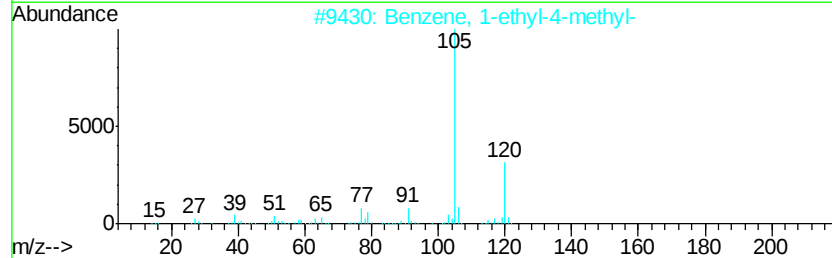
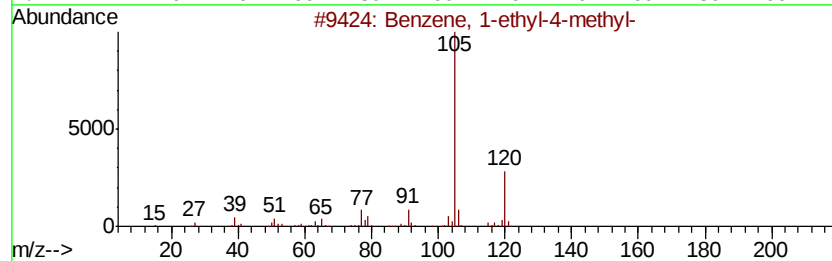
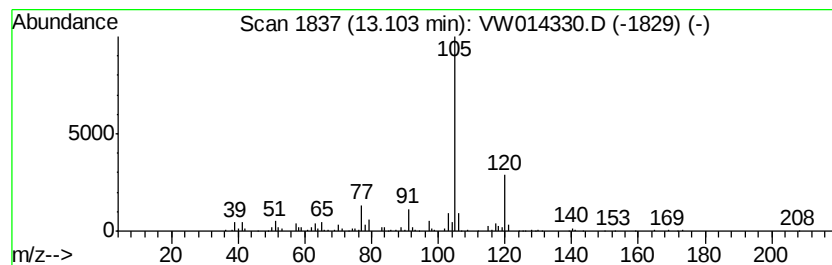
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	1.62 ug/L	169477	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5		Mesitylene	120	C9H12	000108-67-8	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121219\
Data File : VW014330.D
Acq On : 12 Dec 2019 17:02
Operator : SY/VA
Sample : K6236-20
Misc : 4.49G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

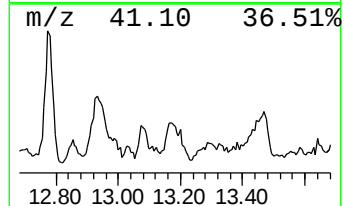
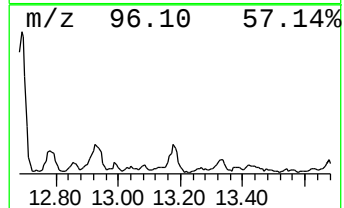
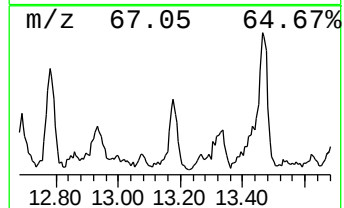
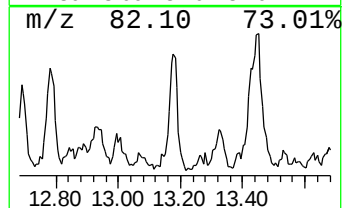
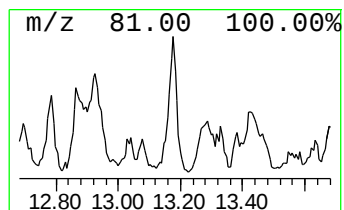
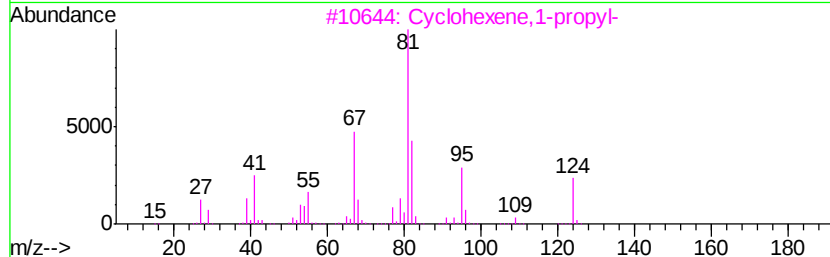
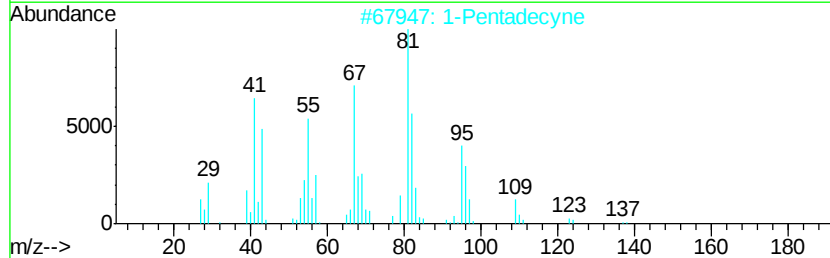
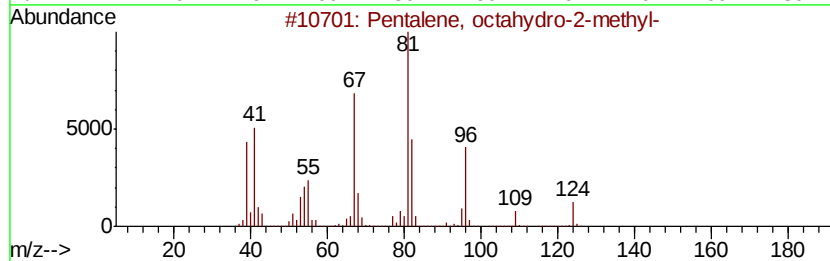
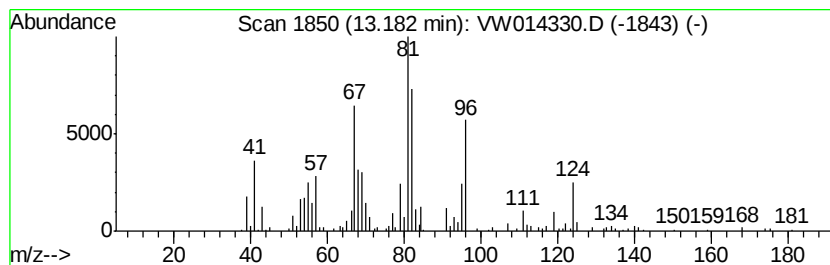
Instrument :
MSVOA_W
ClientSampleId :
BFEW2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 7 Pentalene, octahydro-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.18	1.93 ug/L	202225	1,4-Dichlorobenzene-d4	13.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	87
2		1-Pentadecyne	208	C15H28	000765-13-9	64
3		Cyclohexene,1-propyl-	124	C9H16	002539-75-5	58
4		1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	52
5		Cyclohexene,3-propyl-	124	C9H16	003983-06-0	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121219\
Data File : VW014330.D
Acq On : 12 Dec 2019 17:02
Operator : SY/VA
Sample : K6236-20
Misc : 4.49G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW2

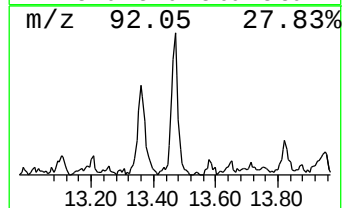
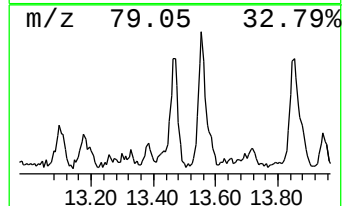
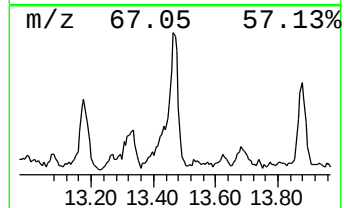
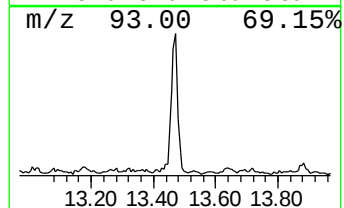
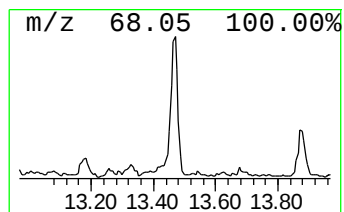
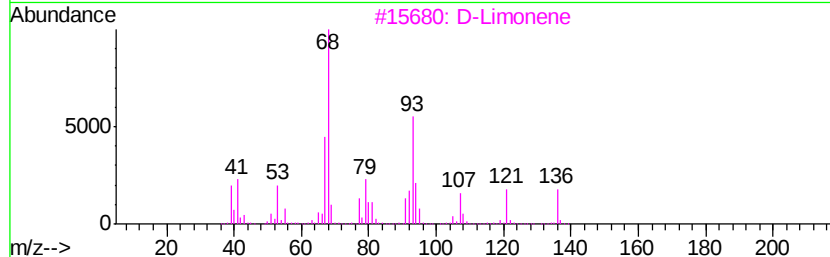
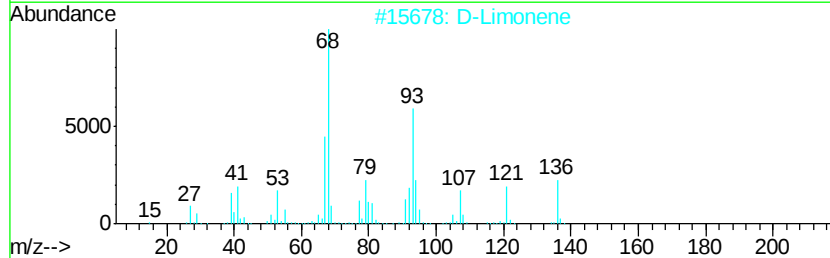
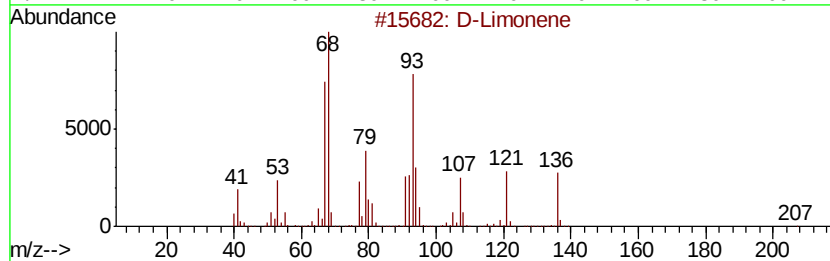
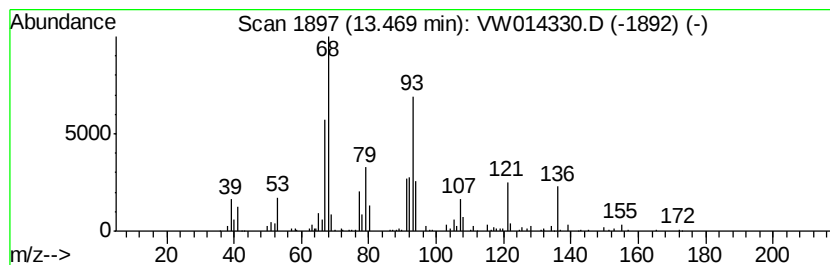
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Quant Title : VOC Analysis

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

Peak Number 8 D-Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	2.37 ug/L	247593	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	97
2		D-Limonene	136	C10H16	005989-27-5	93
3		D-Limonene	136	C10H16	005989-27-5	93
4		D-Limonene	136	C10H16	005989-27-5	90
5		Limonene	136	C10H16	000138-86-3	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121219\
Data File : VW014330.D
Acq On : 12 Dec 2019 17:02
Operator : SY/VA
Sample : K6236-20
Misc : 4.49G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

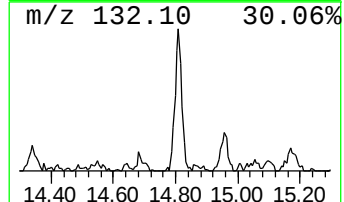
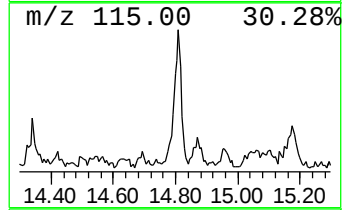
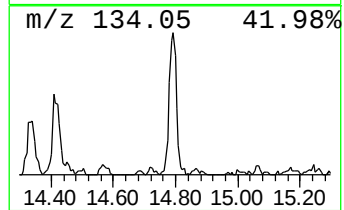
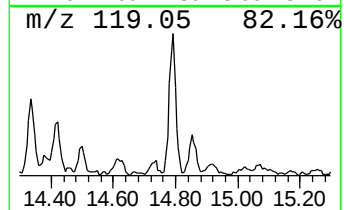
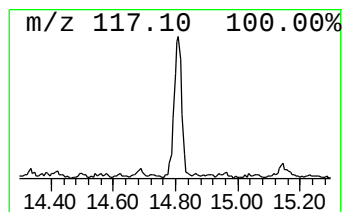
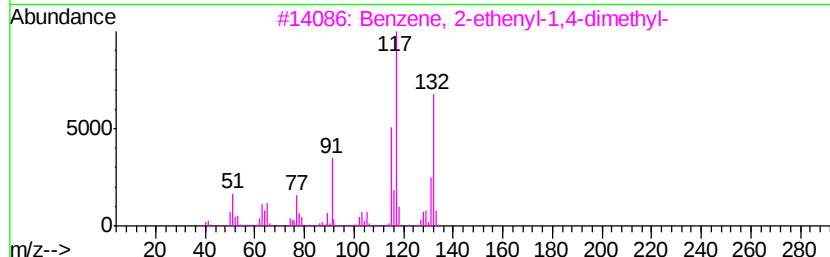
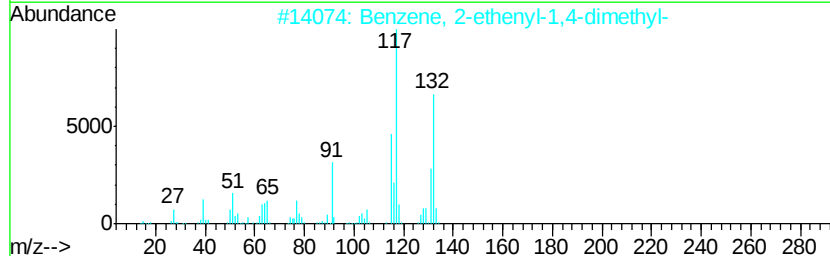
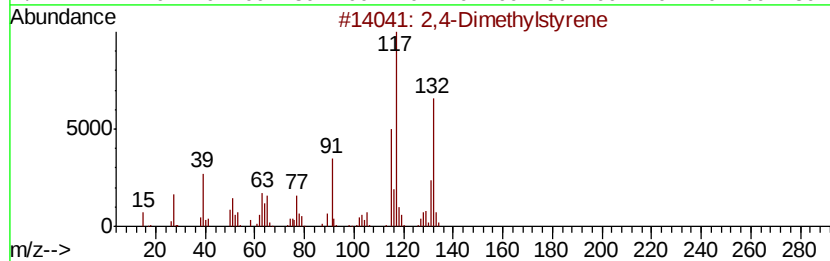
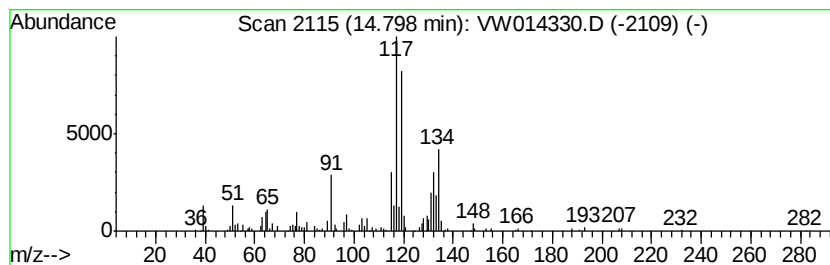
Instrument :
MSVOA_W
ClientSampleId :
BFEW2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 9 2,4-Dimethylstyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	1.30 ug/L	136229	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,4-Dimethylstvrene	132 C10H12	002234-20-0	89
2	Benzene, 2-ethenyl-1,4-dimethyl-	132 C10H12	002039-89-6	89
3	Benzene, 2-ethenyl-1,4-dimethyl-	132 C10H12	002039-89-6	86
4	1-Phenyl-1-butene	132 C10H12	000824-90-8	70
5	1H-Indene, 2,3-dihydro-5-methyl-	132 C10H12	000874-35-1	70



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121219\
Data File : VW014330.D
Acq On : 12 Dec 2019 17:02
Operator : SY/VA
Sample : K6236-20
Misc : 4.49G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEW2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.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...	12.78	3.5	ug/L	363346	3	13.55	2613030	25.0
(DEL) Alkane: Cyc...	12.94	2.1	ug/L	219049	3	13.55	2613030	25.0
Benzene, 1-ethyl-...	13.10	1.6	ug/L	169477	3	13.55	2613030	25.0
Pentalene, octahy...	13.18	1.9	ug/L	202225	3	13.55	2613030	25.0
D-Limonene	13.47	2.4	ug/L	247593	3	13.55	2613030	25.0
2,4-Dimethylstyrene	14.80	1.3	ug/L	136229	3	13.55	2613030	25.0