

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020520\
 Data File : VW014884.D
 Acq On : 05 Feb 2020 23:18
 Operator : SY/VA
 Sample : L1324-18
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT73

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\SOM2WLM020520S.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	38	42	47	rBV2	29307	54007	1.16%	0.149%
2	2.349	67	73	87	rBV	297630	563744	12.15%	1.553%
3	2.885	153	161	181	rBV	251113	620978	13.38%	1.711%
4	3.312	229	231	234	rVV4	1946	2279	0.05%	0.006%
5	3.391	242	244	247	rVV4	2390	2750	0.06%	0.008%
6	3.526	262	266	267	rBV2	1598	1689	0.04%	0.005%
7	4.019	335	347	360	rVV	443850	1407830	30.34%	3.878%
8	4.111	360	362	371	rVV2	11996	30008	0.65%	0.083%
9	4.178	371	373	376	rVB4	1329	1578	0.03%	0.004%
10	4.275	386	389	397	rVB7	1334	3348	0.07%	0.009%
11	4.391	407	408	414	rVV5	1570	2572	0.06%	0.007%
12	4.916	482	494	512	rBV2	33552	122474	2.64%	0.337%
13	5.208	540	542	546	rVB5	1328	1674	0.04%	0.005%
14	5.379	567	570	573	rBV3	1215	1679	0.04%	0.005%
15	5.458	581	583	588	rVB5	945	1687	0.04%	0.005%
16	5.934	650	661	672	rVB6	6904	20201	0.44%	0.056%
17	6.769	795	798	801	rVB4	1643	1605	0.03%	0.004%
18	6.830	801	808	811	rBV4	1022	2446	0.05%	0.007%
19	6.994	829	835	837	rVB6	1362	2270	0.05%	0.006%
20	7.074	837	848	854	rBV	153307	431039	9.29%	1.187%
21	7.129	855	857	873	rVB	74068	172997	3.73%	0.477%
22	7.275	879	881	886	rVB5	1524	1492	0.03%	0.004%
23	7.531	920	923	925	rBV4	1723	2152	0.05%	0.006%
24	7.647	929	942	954	rBV	756794	1872230	40.35%	5.158%
25	7.933	986	989	990	rBV3	2142	1901	0.04%	0.005%
26	7.952	990	992	998	rVB4	3571	4800	0.10%	0.013%
27	8.275	1033	1045	1062	rBV2	1553150	4640247	100.00%	12.783%
28	8.445	1071	1073	1080	rVB7	1639	3213	0.07%	0.009%
29	8.616	1097	1101	1105	rBV5	1516	2213	0.05%	0.006%
30	8.842	1127	1138	1148	rBV	1305837	2570842	55.40%	7.082%
31	9.073	1170	1176	1187	rVB5	15156	34835	0.75%	0.096%
32	9.275	1198	1209	1218	rBV	1103104	2265871	48.83%	6.242%
33	9.543	1251	1253	1256	rBV3	1612	1725	0.04%	0.005%
34	9.604	1258	1263	1264	rBV5	1036	1527	0.03%	0.004%

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 Title : VOC Analysis

35	9.659	1264	1272	1278	rBV3	10370	21838	0.47%	0.060%
36	9.817	1295	1298	1300	rBV2	1264	1496	0.03%	0.004%
37	9.890	1306	1310	1318	rVB7	1317	3133	0.07%	0.009%
38	10.031	1323	1333	1343	rBV	492698	896465	19.32%	2.470%
39	10.122	1344	1348	1354	rVB6	6210	10586	0.23%	0.029%
40	10.213	1357	1363	1369	rBV2	5263	10464	0.23%	0.029%
41	10.323	1372	1381	1387	rBV	1996127	3467414	74.72%	9.552%
42	10.384	1387	1391	1401	rVB	178446	314639	6.78%	0.867%
43	10.573	1415	1422	1431	rBV	313744	552538	11.91%	1.522%
44	10.701	1437	1443	1450	rVB2	46204	86073	1.85%	0.237%
45	10.860	1463	1469	1473	rBV9	5438	9604	0.21%	0.026%
46	10.921	1473	1479	1496	rBV	606280	1029397	22.18%	2.836%
47	11.061	1496	1502	1509	rVV	72782	121862	2.63%	0.336%
48	11.177	1519	1521	1526	rVB6	3854	3792	0.08%	0.010%
49	11.219	1526	1528	1532	rBV5	1404	1728	0.04%	0.005%
50	11.305	1539	1542	1545	rBV5	1051	1604	0.03%	0.004%
51	11.396	1554	1557	1558	rBV3	2442	2579	0.06%	0.007%
52	11.439	1558	1564	1569	rVV2	21216	38499	0.83%	0.106%
53	11.628	1587	1595	1604	rBV	1646655	2716846	58.55%	7.485%
54	11.731	1605	1612	1620	rVV	231189	388573	8.37%	1.070%
55	11.841	1623	1630	1639	rVB	70267	146815	3.16%	0.404%
56	11.951	1645	1648	1649	rBV3	1948	2137	0.05%	0.006%
57	11.981	1651	1653	1655	rVV3	1534	1641	0.04%	0.005%
58	12.048	1662	1664	1667	rVB4	2515	1559	0.03%	0.004%
59	12.170	1676	1684	1693	rBV3	129048	280551	6.05%	0.773%
60	12.335	1710	1711	1713	rBV2	2445	2306	0.05%	0.006%
61	12.463	1728	1732	1736	rBV7	4969	8445	0.18%	0.023%
62	12.512	1738	1740	1743	rVV4	2273	1935	0.04%	0.005%
63	12.603	1750	1755	1762	rVB	79767	138830	2.99%	0.382%
64	12.689	1762	1769	1778	rBV	712108	1202407	25.91%	3.313%
65	12.798	1785	1787	1792	rVB4	4113	5928	0.13%	0.016%
66	12.896	1793	1803	1806	rVV3	41121	85023	1.83%	0.234%
67	12.932	1806	1809	1815	rVB2	58977	102625	2.21%	0.283%
68	13.079	1822	1833	1835	rBV4	31679	99478	2.14%	0.274%
69	13.182	1847	1850	1851	rBV3	3071	3668	0.08%	0.010%
70	13.249	1854	1861	1865	rVV	96160	156356	3.37%	0.431%
71	13.298	1865	1869	1874	rVV2	167017	259598	5.59%	0.715%

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72	13.353	1874	1878	1885	rVB	31136	51617	1.11%	0.142%
73	13.469	1893	1897	1905	rBV7	19325	37104	0.80%	0.102%
74	13.554	1905	1911	1919	rVV	1042584	1723133	37.13%	4.747%
75	13.621	1919	1922	1932	rVB2	26451	52799	1.14%	0.145%
76	13.694	1932	1934	1935	rBV2	3185	1876	0.04%	0.005%
77	13.719	1935	1938	1939	rBV3	3348	4023	0.09%	0.011%
78	13.755	1939	1944	1948	rBV	45906	72788	1.57%	0.201%
79	13.853	1953	1960	1966	rBV	1068029	1765993	38.06%	4.865%
80	13.938	1967	1974	1983	rVB	1082727	1718746	37.04%	4.735%
81	14.066	1991	1995	2004	rVB	45977	88185	1.90%	0.243%
82	14.231	2014	2022	2026	rBV4	26034	50223	1.08%	0.138%
83	14.280	2028	2030	2033	rBV4	4753	6414	0.14%	0.018%
84	14.329	2035	2038	2041	rVV4	11259	13150	0.28%	0.036%
85	14.463	2056	2060	2064	rBV4	12676	24494	0.53%	0.067%
86	14.554	2072	2075	2086	rVB7	19962	44636	0.96%	0.123%
87	14.725	2100	2103	2108	rVB6	13540	19265	0.42%	0.053%
88	14.786	2109	2113	2121	rVV3	16639	37876	0.82%	0.104%
89	14.871	2122	2127	2132	rVV	54730	87260	1.88%	0.240%
90	14.950	2135	2140	2148	rVB2	81229	145554	3.14%	0.401%
91	15.054	2153	2157	2163	rBV8	11805	23741	0.51%	0.065%
92	15.237	2180	2187	2195	rVB4	45397	117083	2.52%	0.323%
93	15.365	2201	2208	2215	rBV	1312788	2272977	48.98%	6.262%
94	15.438	2215	2220	2227	rVB4	34458	67897	1.46%	0.187%
95	15.548	2236	2238	2243	rVB2	15570	21405	0.46%	0.059%
96	15.950	2302	2304	2310	rVB5	16872	25821	0.56%	0.071%
97	16.371	2371	2373	2378	rVB5	8587	14752	0.32%	0.041%
98	16.438	2378	2384	2390	rBV	104666	230104	4.96%	0.634%
99	16.493	2390	2393	2400	rVB2	57538	100618	2.17%	0.277%
100	16.645	2410	2418	2429	rBV	193784	449145	9.68%	1.237%

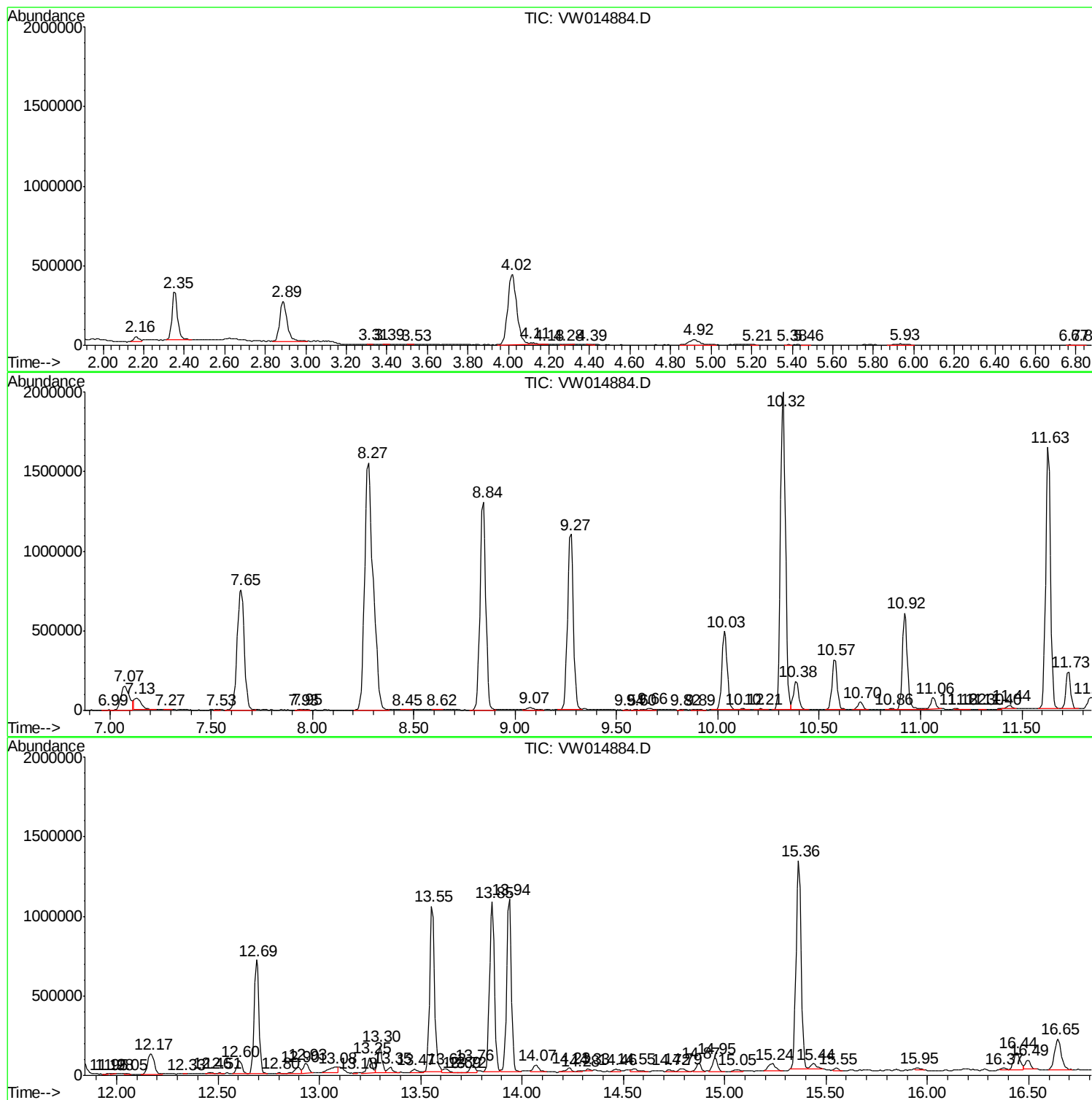
Sum of corrected areas: 36299014

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

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



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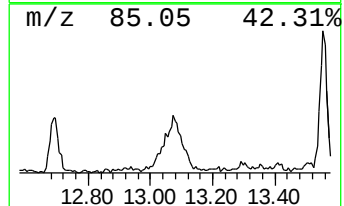
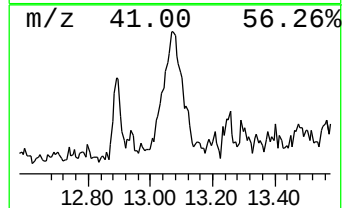
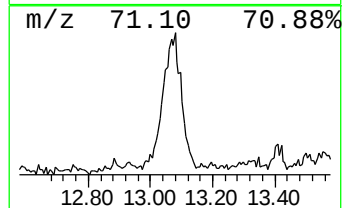
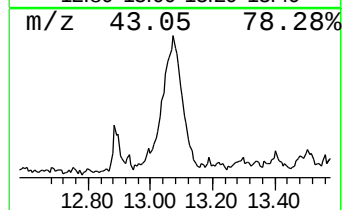
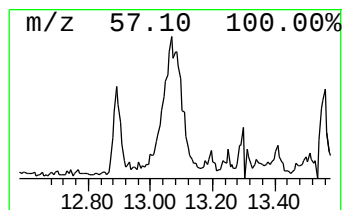
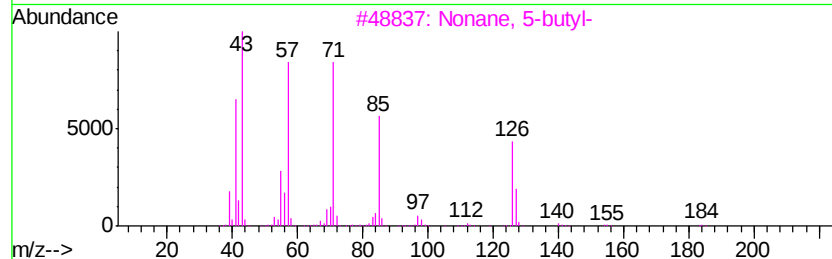
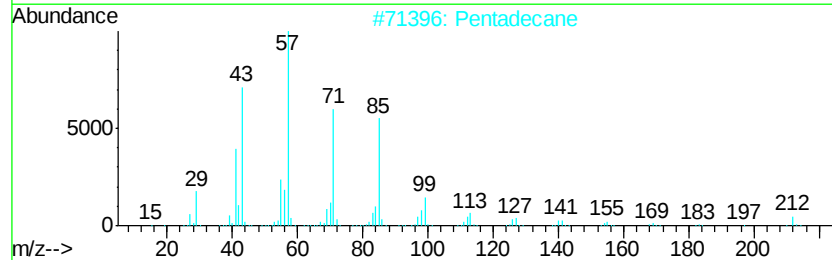
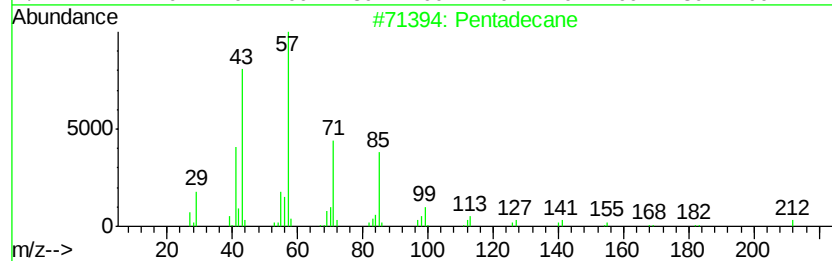
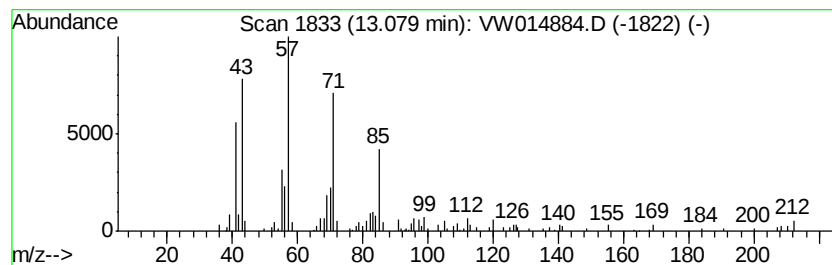
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	1.44 ug/L	99478	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	72
2	Pentadecane	212	C15H32	000629-62-9	68
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	64
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58
5	Hexadecane	226	C16H34	000544-76-3	53



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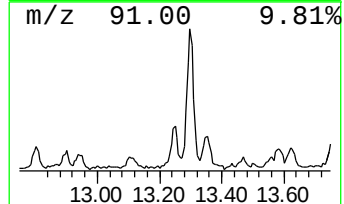
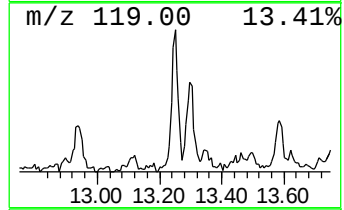
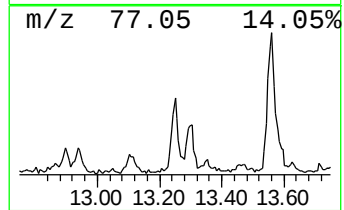
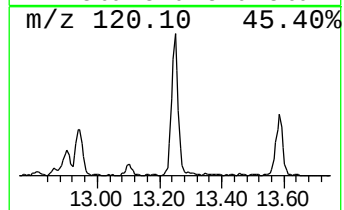
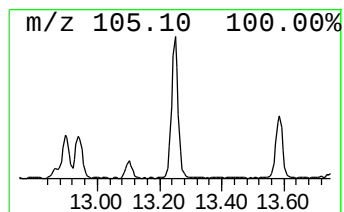
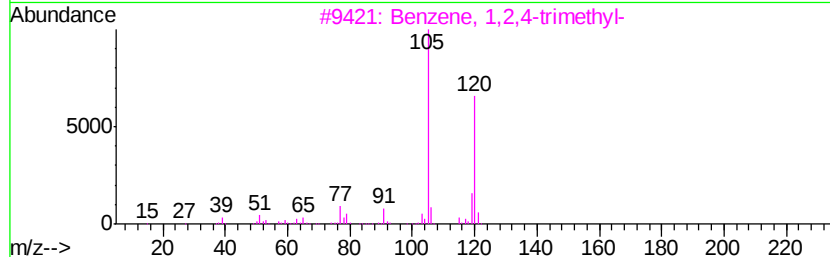
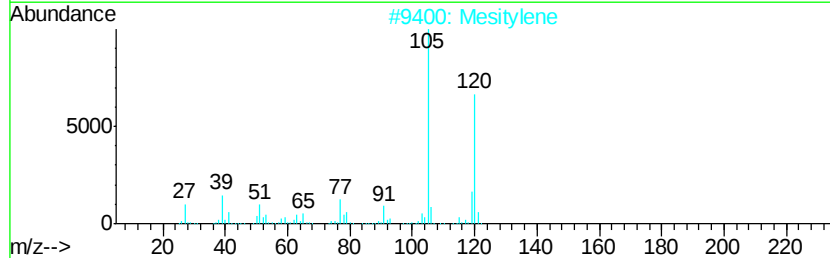
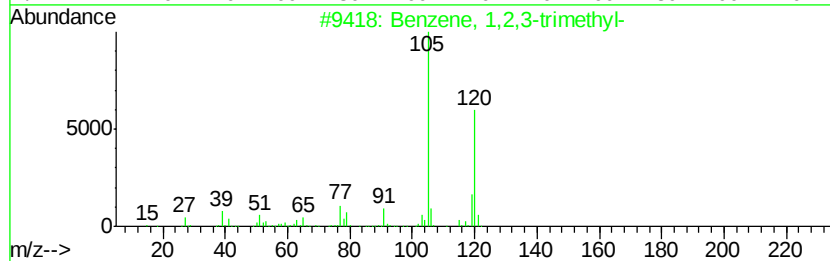
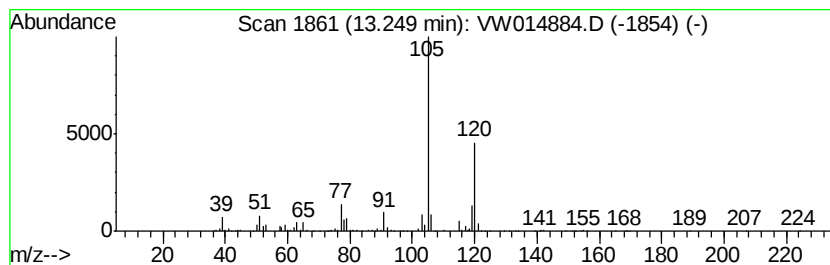
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.27 ug/L	156356	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Mesitylene	120	C9H12	000108-67-8	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Mesitylene	120	C9H12	000108-67-8	94
5		Mesitylene	120	C9H12	000108-67-8	94



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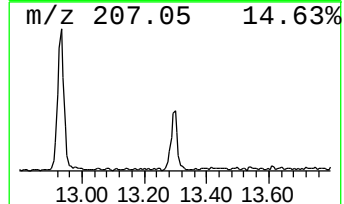
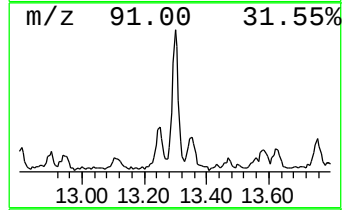
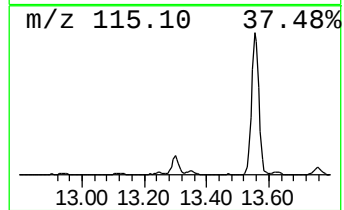
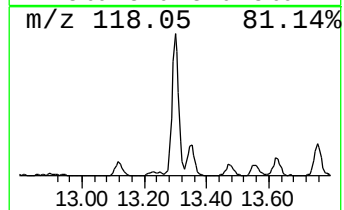
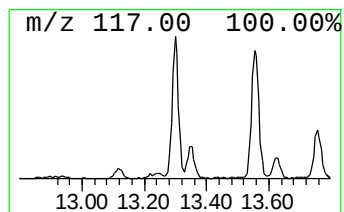
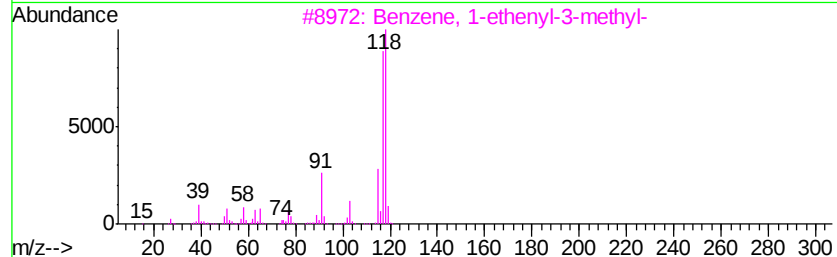
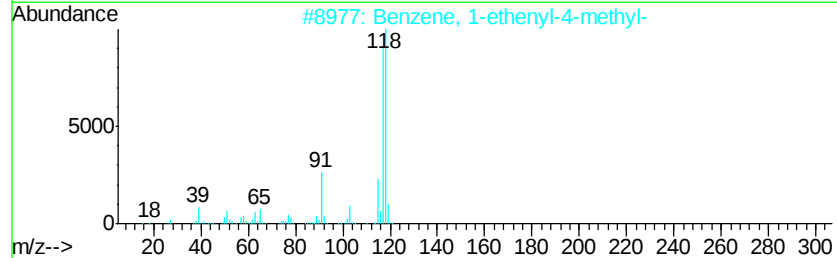
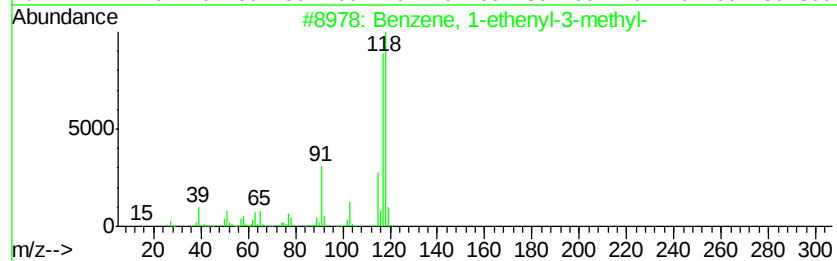
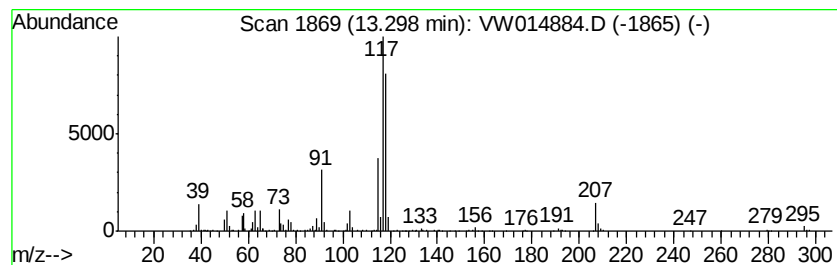
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Peak Number 7 Benzene, 1-ethenyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	3.77 ug/L	259598	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
2		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	94
3		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
5		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020520\
Data File : VW014884.D
Acq On : 05 Feb 2020 23:18
Operator : SY/VA
Sample : L1324-18
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT73

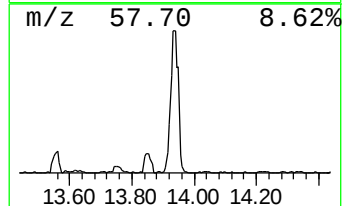
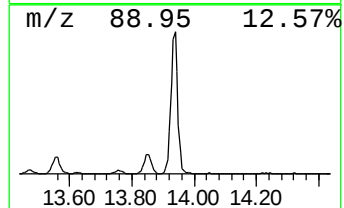
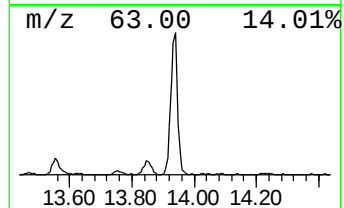
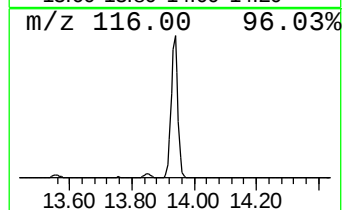
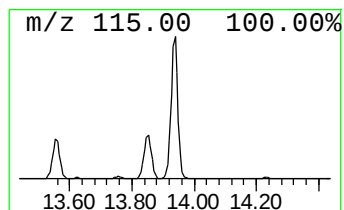
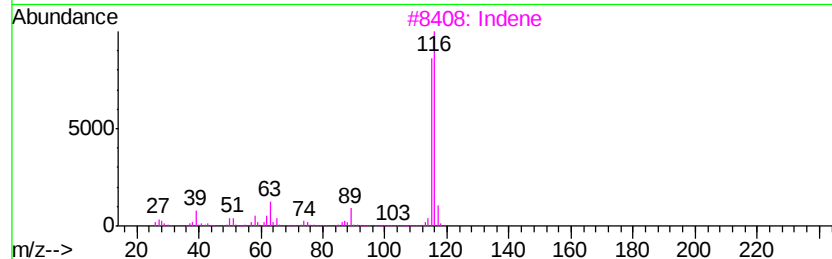
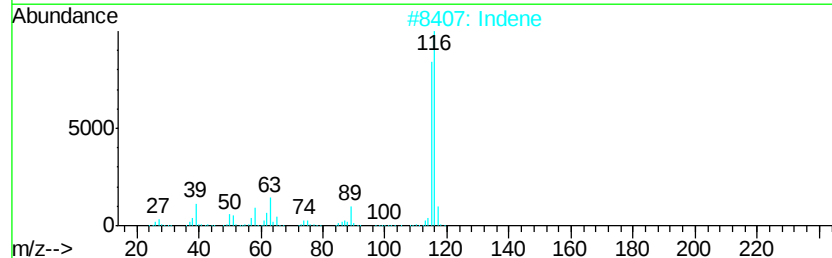
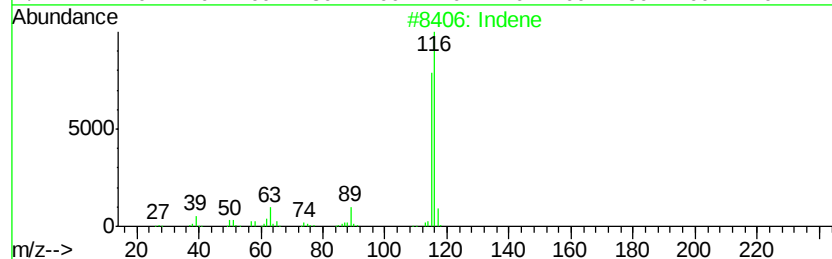
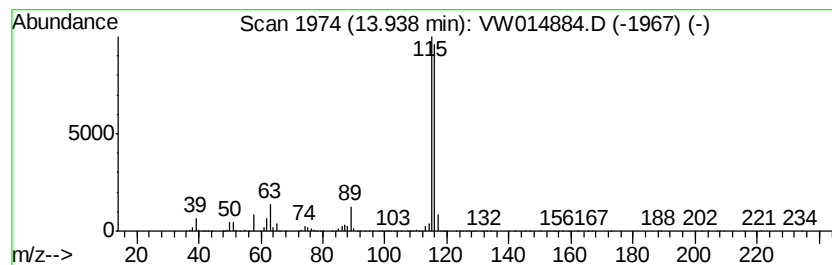
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Quant Title : VOC Analysis

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

Peak Number 8 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	24.94 ug/L	1718750	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	97
2	Indene		116	C9H8	000095-13-6	96
3	Indene		116	C9H8	000095-13-6	95
4	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91
5	3-Methylphenylacetylene		116	C9H8	000766-82-5	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020520\
Data File : VW014884.D
Acq On : 05 Feb 2020 23:18
Operator : SY/VA
Sample : L1324-18
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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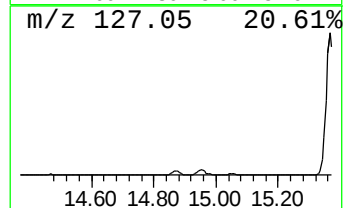
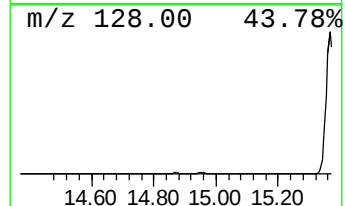
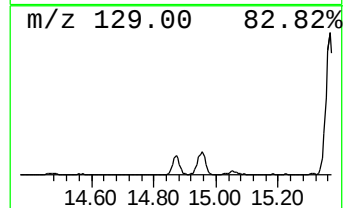
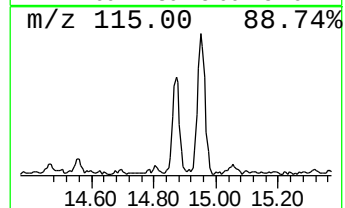
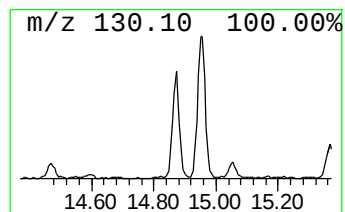
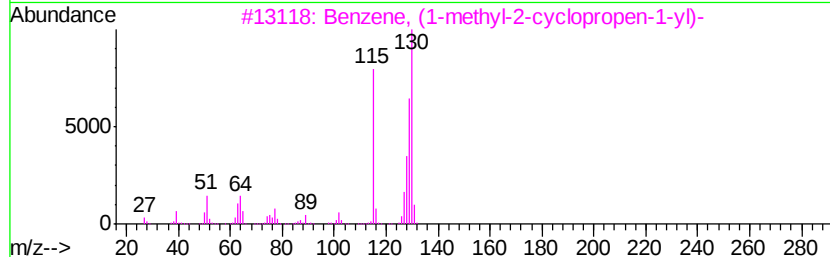
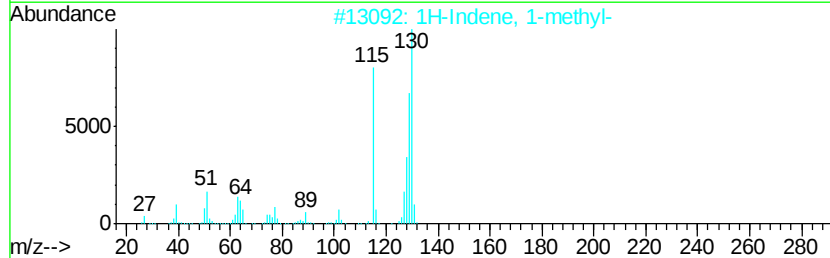
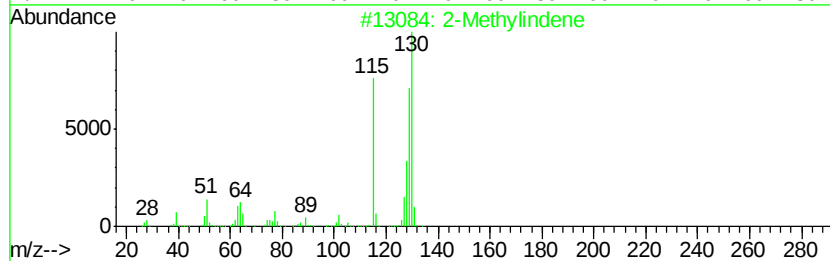
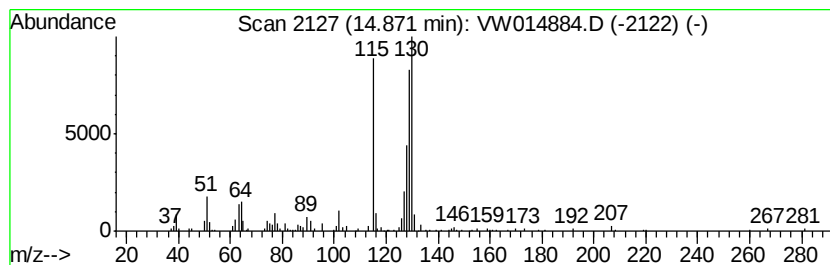
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Quant Title : VOC Analysis

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

Peak Number 10 2-Methylindene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	1.27 ug/L	87260	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylindene	130	C10H10	002177-47-1	96
2			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
4			Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	92
5			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020520\
Data File : VW014884.D
Acq On : 05 Feb 2020 23:18
Operator : SY/VA
Sample : L1324-18
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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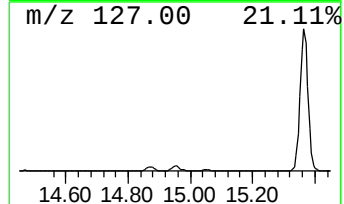
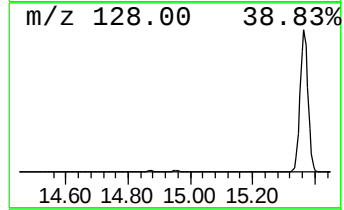
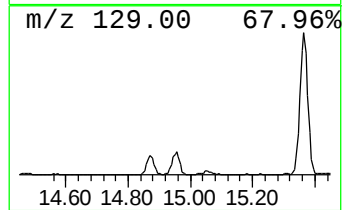
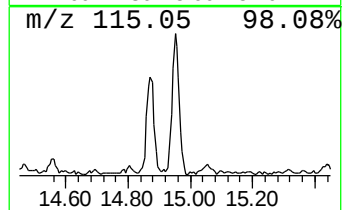
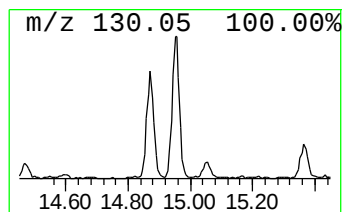
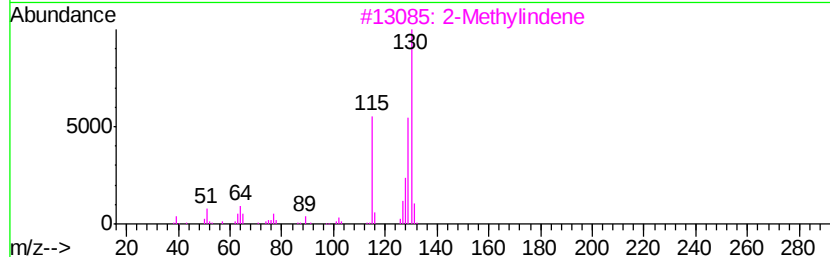
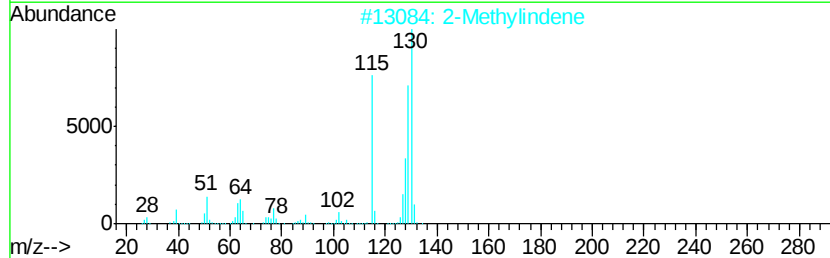
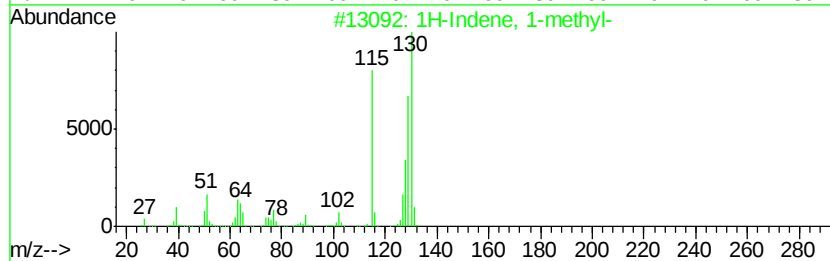
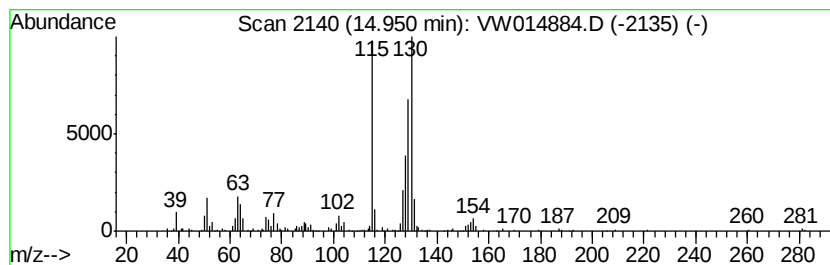
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Quant Title : VOC Analysis

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

Peak Number 11 1H-Indene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.11 ug/L	145554	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2		2-Methylindene	130	C10H10	002177-47-1	95
3		2-Methylindene	130	C10H10	002177-47-1	95
4		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
5		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020520\
Data File : VW014884.D
Acq On : 05 Feb 2020 23:18
Operator : SY/VA
Sample : L1324-18
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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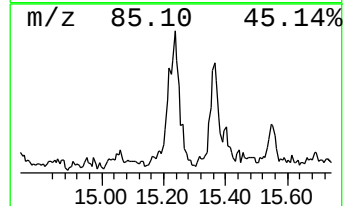
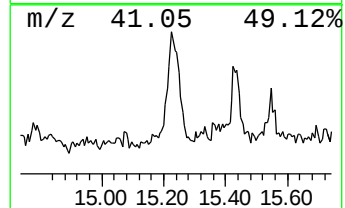
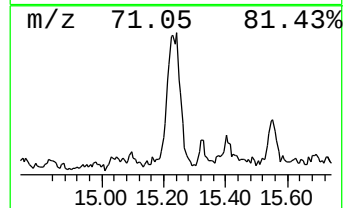
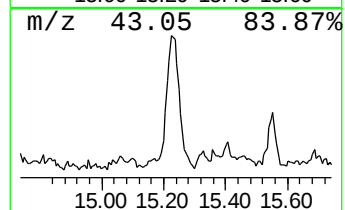
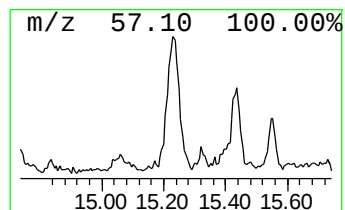
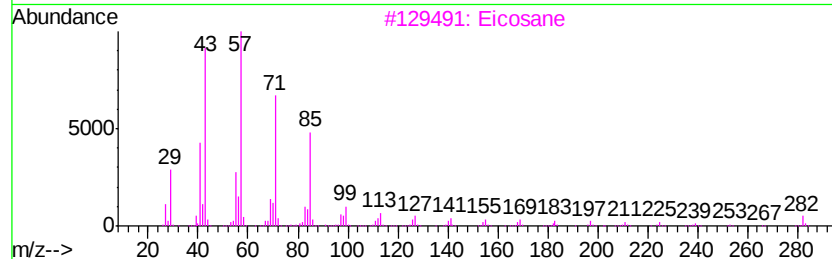
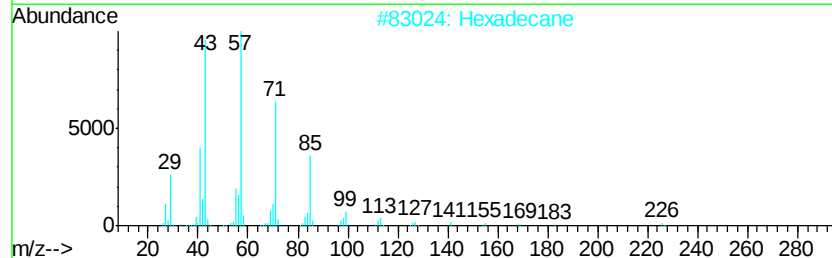
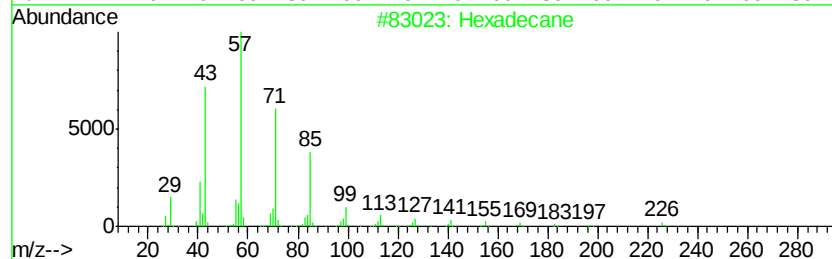
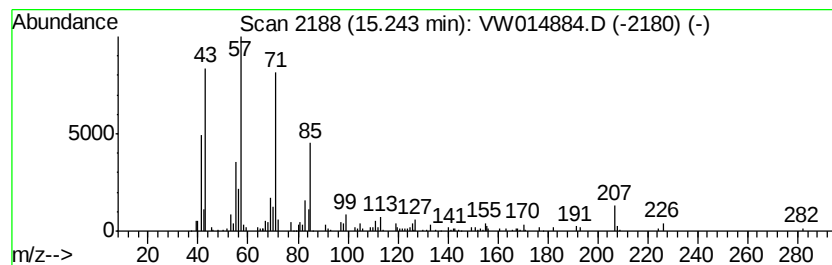
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	1.70 ug/L	117083	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Hexadecane	226	C16H34	000544-76-3	95
3			Eicosane	282	C20H42	000112-95-8	93
4			Pentadecane	212	C15H32	000629-62-9	87
5			Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020520\
Data File : VW014884.D
Acq On : 05 Feb 2020 23:18
Operator : SY/VA
Sample : L1324-18
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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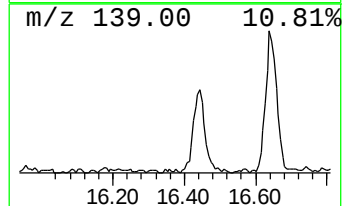
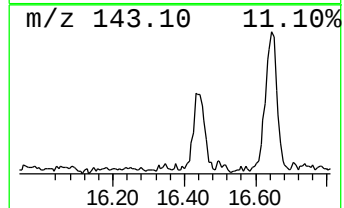
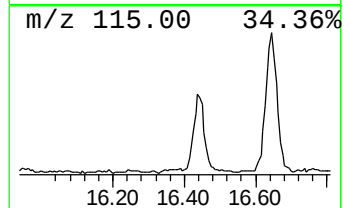
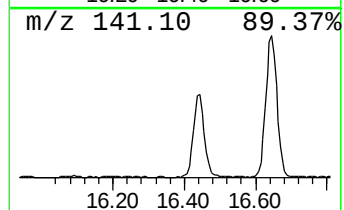
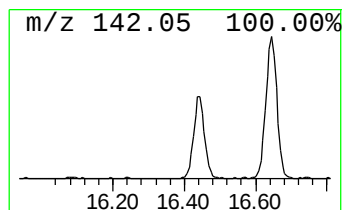
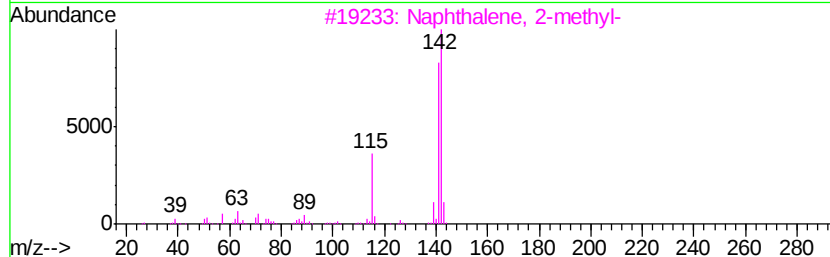
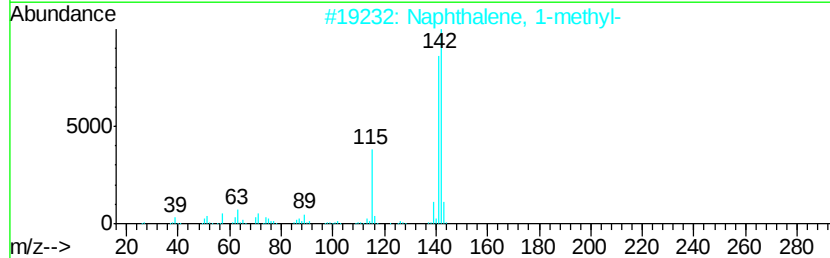
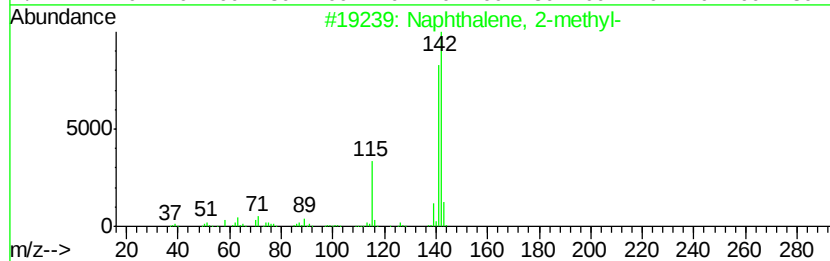
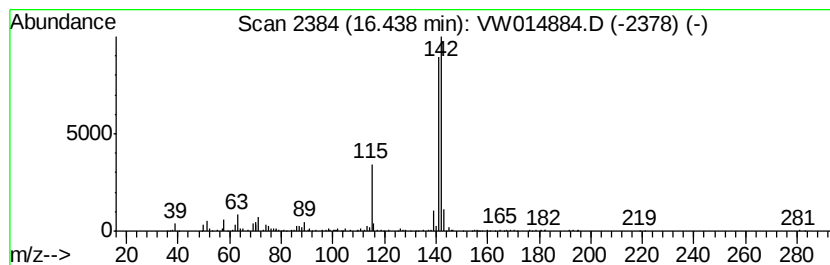
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Quant Title : VOC Analysis

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

Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	3.34 ug/L	230104	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020520\
Data File : VW014884.D
Acq On : 05 Feb 2020 23:18
Operator : SY/VA
Sample : L1324-18
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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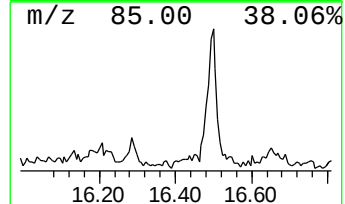
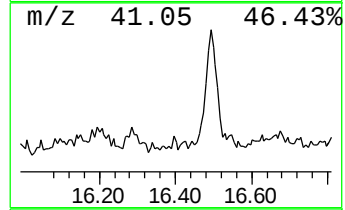
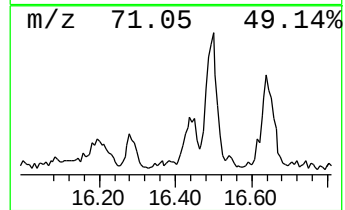
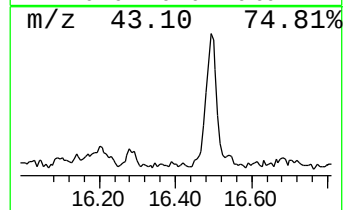
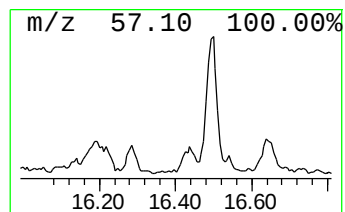
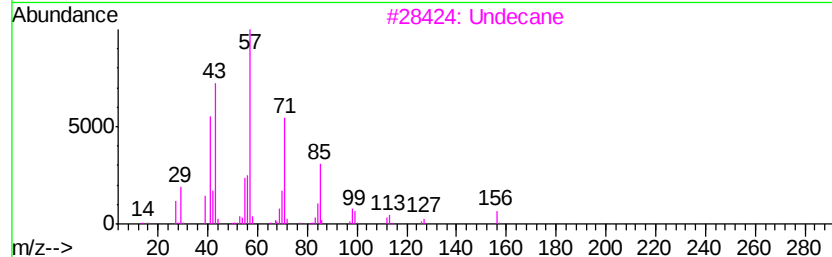
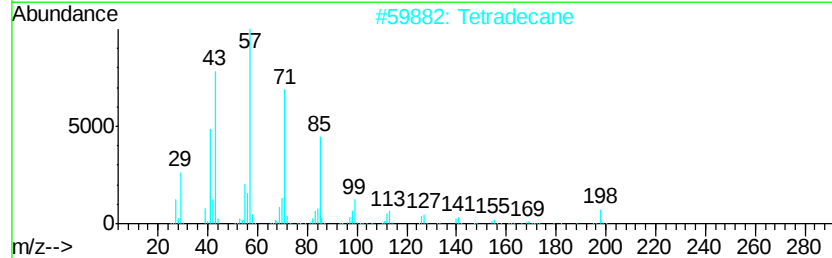
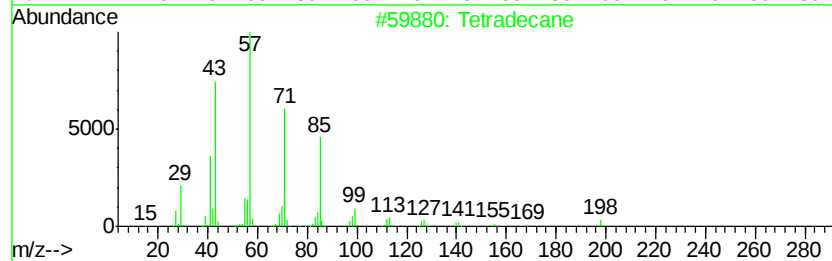
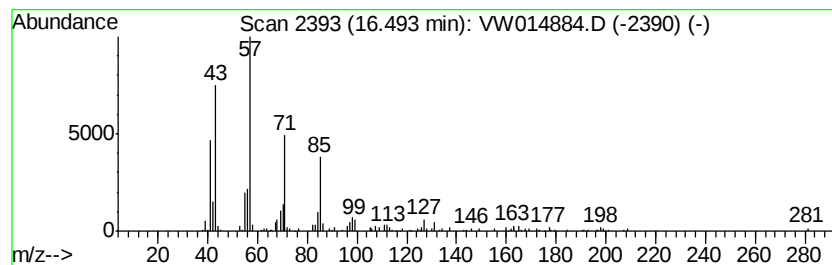
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	1.46 ug/L	100618	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	74
2			Tetradecane	198	C14H30	000629-59-4	72
3			Undecane	156	C11H24	001120-21-4	72
4			Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	64
5			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014884.D
Acq On : 05 Feb 2020 23:18
Operator : SY/VA
Sample : L1324-18
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT73

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.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...	13.08	1.4	ug/L	99478	3	13.55	1723130	25.0
Benzene, 1,2,3-tr...	13.25	2.3	ug/L	156356	3	13.55	1723130	25.0
Benzene, 1-etheny...	13.30	3.8	ug/L	259598	3	13.55	1723130	25.0
Indene	13.94	24.9	ug/L	1718750	3	13.55	1723130	25.0
2-Methylindene	14.87	1.3	ug/L	87260	3	13.55	1723130	25.0
1H-Indene, 1-methyl-	14.95	2.1	ug/L	145554	3	13.55	1723130	25.0
(DEL) Alkane: Str...	15.24	1.7	ug/L	117083	3	13.55	1723130	25.0
Naphthalene, 1-me...	16.44	3.3	ug/L	230104	3	13.55	1723130	25.0
(DEL) Alkane: Str...	16.49	1.5	ug/L	100618	3	13.55	1723130	25.0