

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042319\
 Data File : VW010097.D
 Acq On : 23 Apr 2019 13:39
 Operator : SY/VA
 Sample : K2481-03
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHT8

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\SOM2WLM041519S.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	48	rBV4	11265	19763	0.19%	0.044%
2	2.361	68	75	89	rBV	84498	218833	2.10%	0.489%
3	2.885	155	161	175	rVB	75572	208680	2.01%	0.467%
4	3.775	304	307	311	rBV6	1299	1813	0.02%	0.004%
5	3.855	315	320	321	rBV3	2428	4429	0.04%	0.010%
6	4.007	333	345	360	rBV	221650	761967	7.32%	1.704%
7	4.294	390	392	394	rBV3	904	1186	0.01%	0.003%
8	4.373	394	405	422	rVV2	107384	379480	3.65%	0.849%
9	4.537	430	432	440	rVB6	868	1359	0.01%	0.003%
10	4.653	448	451	453	rBV3	869	1060	0.01%	0.002%
11	4.690	453	457	458	rBV4	805	946	0.01%	0.002%
12	4.745	464	466	470	rBV4	1191	1649	0.02%	0.004%
13	4.781	470	472	474	rBV3	1196	838	0.01%	0.002%
14	4.836	479	481	483	rBV3	901	867	0.01%	0.002%
15	4.909	483	493	516	rVV3	39817	177176	1.70%	0.396%
16	5.098	523	524	527	rVB3	1422	973	0.01%	0.002%
17	5.135	527	530	532	rBV3	800	1101	0.01%	0.002%
18	5.159	532	534	536	rVV2	1064	1251	0.01%	0.003%
19	5.178	536	537	540	rVV3	1203	969	0.01%	0.002%
20	5.458	581	583	589	rVB2	819	1137	0.01%	0.003%
21	5.519	589	593	596	rBV4	553	939	0.01%	0.002%
22	5.647	612	614	616	rBV2	936	976	0.01%	0.002%
23	5.927	651	660	670	rVB5	8041	27506	0.26%	0.062%
24	6.001	670	672	675	rBV5	868	1387	0.01%	0.003%
25	6.129	691	693	695	rVV3	1062	987	0.01%	0.002%
26	6.202	702	705	710	rBV5	1101	1806	0.02%	0.004%
27	6.452	743	746	750	rVB3	666	957	0.01%	0.002%
28	6.525	755	758	759	rBV	794	882	0.01%	0.002%
29	6.976	829	832	834	rBV4	608	779	0.01%	0.002%
30	7.080	836	849	862	rBV	83222	241288	2.32%	0.540%
31	7.305	885	886	891	rVB4	921	1037	0.01%	0.002%
32	7.433	904	907	909	rBV2	938	1309	0.01%	0.003%
33	7.531	920	923	924	rBV3	1369	1465	0.01%	0.003%
34	7.647	930	942	955	rBV	417873	1020281	9.80%	2.282%

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 Title : VOC Analysis

35	7.927	984	988	990	rBV3	1018	1405	0.01%	0.003%
36	8.275	1034	1045	1061	rBV2	761604	2342769	22.51%	5.239%
37	8.549	1088	1090	1094	rVB5	788	1076	0.01%	0.002%
38	8.628	1099	1103	1108	rVB5	1081	2023	0.02%	0.005%
39	8.689	1108	1113	1118	rBV8	1723	3992	0.04%	0.009%
40	8.842	1129	1138	1151	rVV	879034	1733485	16.66%	3.877%
41	8.933	1151	1153	1156	rVB4	1298	1374	0.01%	0.003%
42	9.043	1168	1171	1172	rBV2	1285	1160	0.01%	0.003%
43	9.073	1172	1176	1182	rVB6	4305	8214	0.08%	0.018%
44	9.159	1188	1190	1192	rVB3	895	911	0.01%	0.002%
45	9.274	1200	1209	1219	rBV	547374	1130525	10.86%	2.528%
46	9.415	1230	1232	1234	rVB3	1085	919	0.01%	0.002%
47	9.658	1265	1272	1276	rBV5	3450	7138	0.07%	0.016%
48	9.750	1285	1287	1291	rVV4	1343	1761	0.02%	0.004%
49	9.890	1302	1310	1316	rBV7	3383	8442	0.08%	0.019%
50	10.036	1325	1334	1343	rBV	277749	512924	4.93%	1.147%
51	10.122	1343	1348	1354	rVV8	3009	6633	0.06%	0.015%
52	10.250	1362	1369	1373	rVB5	2063	4289	0.04%	0.010%
53	10.323	1373	1381	1388	rBV	1037736	1795503	17.25%	4.015%
54	10.384	1388	1391	1400	rVB	15600	28110	0.27%	0.063%
55	10.500	1405	1410	1411	rBV3	1261	2005	0.02%	0.004%
56	10.579	1414	1423	1432	rBV	188698	325805	3.13%	0.729%
57	10.707	1437	1444	1450	rVB	12071	21909	0.21%	0.049%
58	10.768	1450	1454	1459	rVB5	2423	3885	0.04%	0.009%
59	10.805	1459	1460	1462	rBV2	994	961	0.01%	0.002%
60	10.853	1464	1468	1473	rVB7	3155	5426	0.05%	0.012%
61	10.927	1473	1480	1491	rBV	332712	552683	5.31%	1.236%
62	11.073	1499	1504	1510	rVB7	5032	8996	0.09%	0.020%
63	11.262	1533	1535	1536	rBV2	1156	979	0.01%	0.002%
64	11.286	1536	1539	1541	rBV4	1260	1758	0.02%	0.004%
65	11.353	1542	1550	1551	rBV7	4766	9524	0.09%	0.021%
66	11.634	1587	1596	1603	rBV	1120478	1910258	18.36%	4.272%
67	11.731	1608	1612	1617	rVV7	4141	7954	0.08%	0.018%
68	11.804	1621	1624	1625	rVV3	1874	2132	0.02%	0.005%
69	11.841	1625	1630	1639	rVV2	15313	33827	0.33%	0.076%
70	11.951	1645	1648	1652	rVB3	1141	1595	0.02%	0.004%
71	11.987	1652	1654	1657	rVB4	1233	886	0.01%	0.002%

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72	12.182	1679	1686	1693	rVV2	29395	58102	0.56%	0.130%
73	12.237	1693	1695	1701	rVB6	1467	2126	0.02%	0.005%
74	12.341	1710	1712	1716	rBV4	1445	2584	0.02%	0.006%
75	12.432	1716	1727	1728	rBV4	8720	20746	0.20%	0.046%
76	12.609	1751	1756	1762	rVB2	22540	39513	0.38%	0.088%
77	12.695	1763	1770	1779	rVB	401775	638618	6.14%	1.428%
78	12.877	1792	1800	1802	rBV3	40557	94446	0.91%	0.211%
79	13.121	1830	1840	1845	rBV3	18763	43949	0.42%	0.098%
80	13.201	1849	1853	1855	rBV3	4579	7808	0.08%	0.017%
81	13.255	1856	1862	1865	rBV	73107	115313	1.11%	0.258%
82	13.304	1865	1870	1874	rVV	160216	288076	2.77%	0.644%
83	13.353	1875	1878	1886	rVB3	86545	167349	1.61%	0.374%
84	13.560	1906	1912	1921	rBV	888056	1435374	13.79%	3.210%
85	13.719	1931	1938	1939	rBV7	18295	39045	0.38%	0.087%
86	13.859	1954	1961	1968	rBV	664664	1223904	11.76%	2.737%
87	13.944	1969	1975	1983	rVV	381006	634967	6.10%	1.420%
88	14.145	2004	2008	2013	rVB3	48225	85190	0.82%	0.191%
89	14.237	2019	2023	2028	rBV	150497	225876	2.17%	0.505%
90	14.462	2058	2060	2064	rVB2	73374	88187	0.85%	0.197%
91	14.560	2072	2076	2081	rVB3	170573	272324	2.62%	0.609%
92	14.731	2100	2104	2109	rVB	561593	748336	7.19%	1.673%
93	14.798	2112	2115	2120	rVV3	156614	270388	2.60%	0.605%
94	14.847	2120	2123	2125	rVV	231705	345118	3.32%	0.772%
95	14.877	2125	2128	2134	rVB	513891	756410	7.27%	1.692%
96	14.962	2137	2142	2148	rVV	608301	1089374	10.47%	2.436%
97	15.371	2199	2209	2219	rBV	5480300	10405930	100.00%	23.270%
98	15.566	2237	2241	2249	rVB	890673	1446429	13.90%	3.235%
99	16.450	2379	2386	2392	rBV	3473145	7096260	68.19%	15.869%
100	16.651	2413	2419	2431	rVB	1473978	3505379	33.69%	7.839%

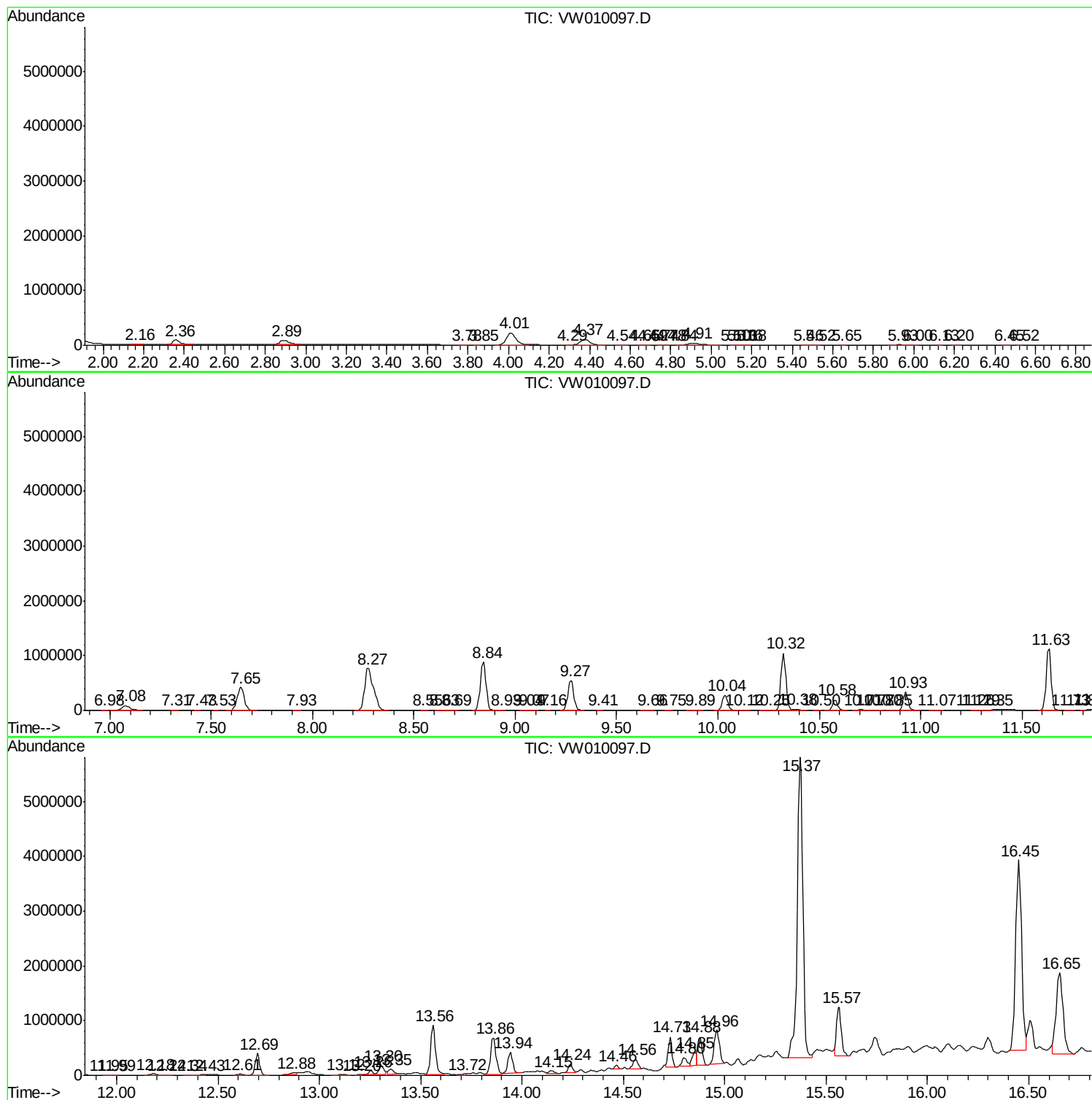
Sum of corrected areas: 44717433

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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



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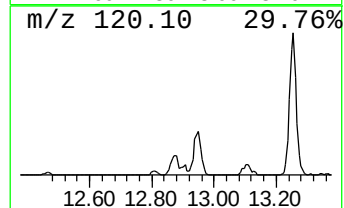
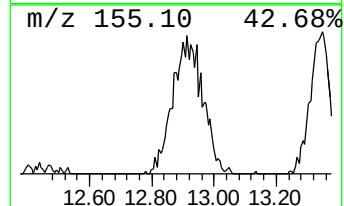
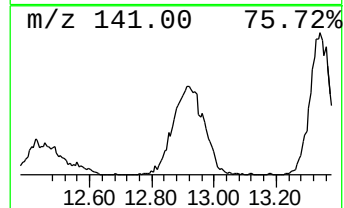
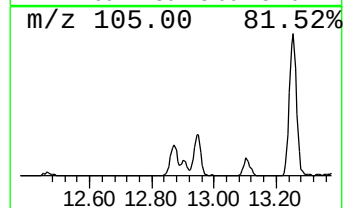
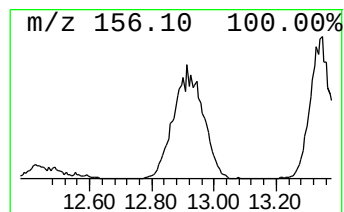
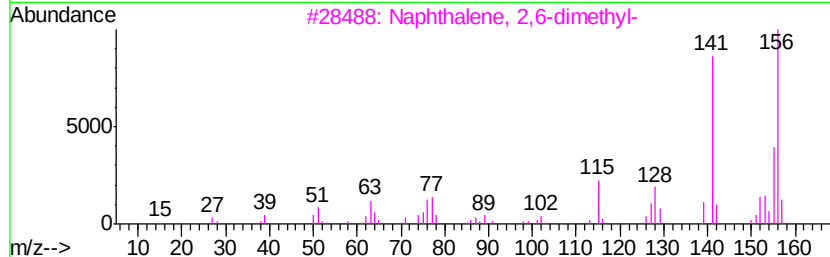
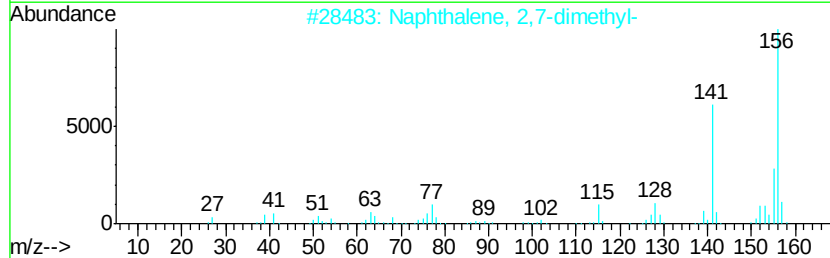
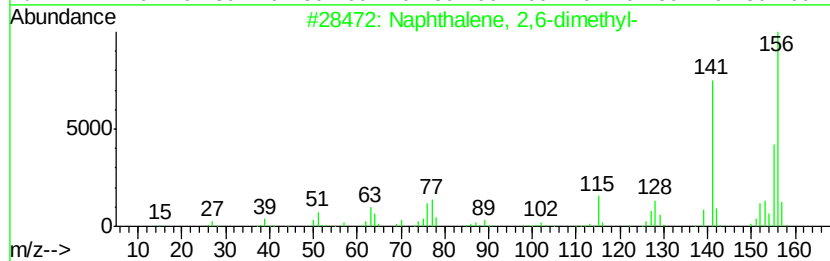
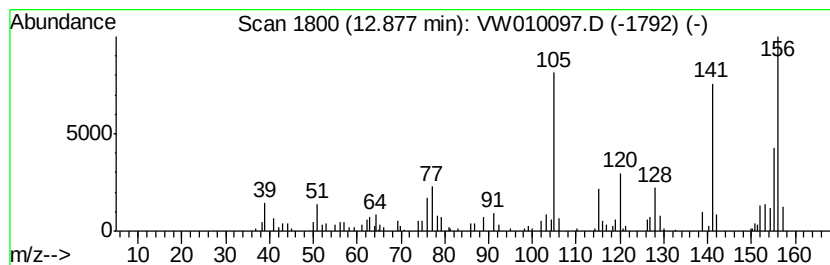
Instrument :
MSVOA_W
ClientSampleId :
GAHT8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.88	1.64 ug/L	94446	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94



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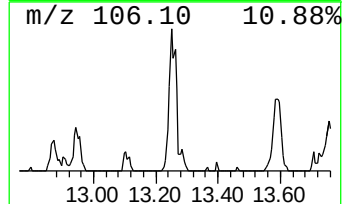
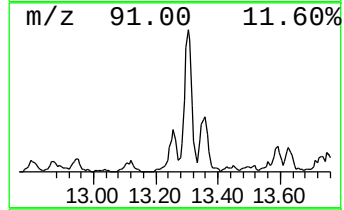
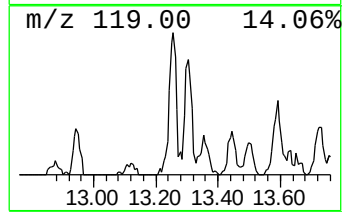
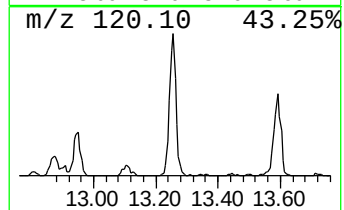
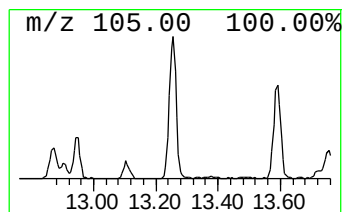
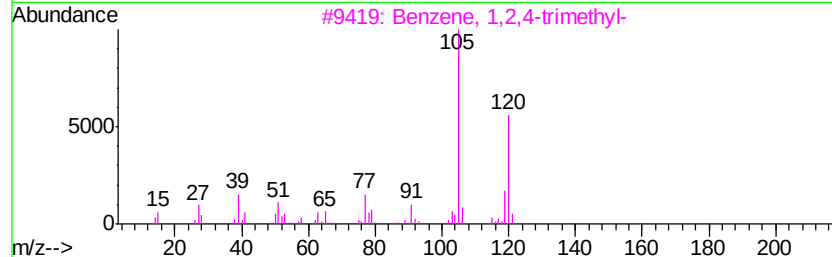
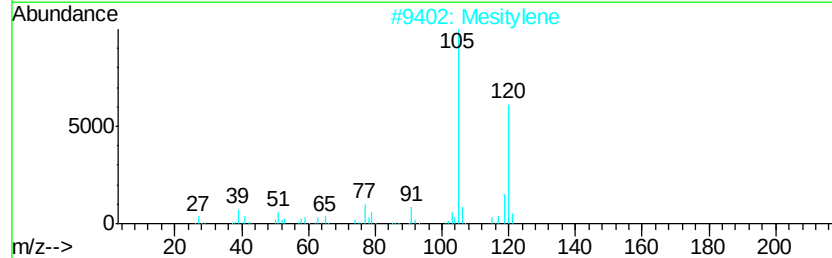
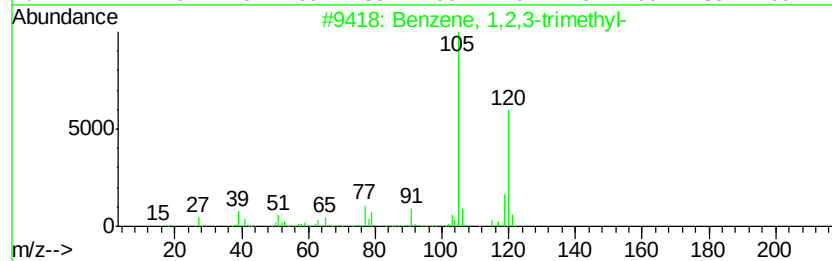
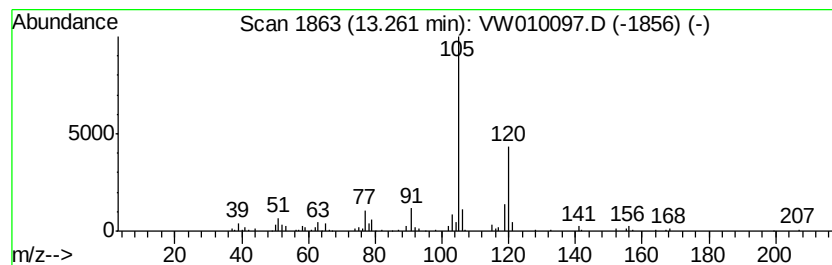
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Quant Title : VOC Analysis

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

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.01 ug/L	115313	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	95
2		Mesitylene	120	C9H12	000108-67-8	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Mesitylene	120	C9H12	000108-67-8	94
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94



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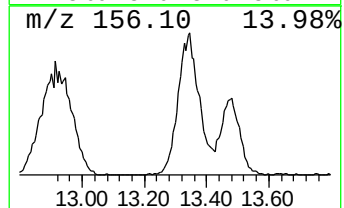
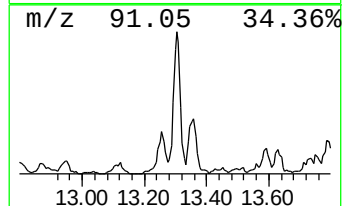
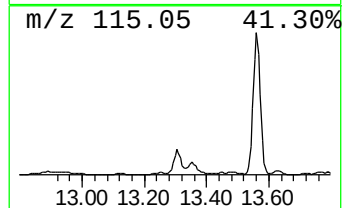
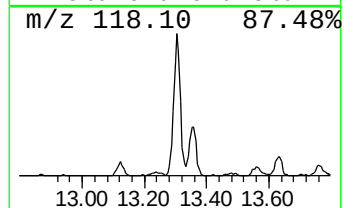
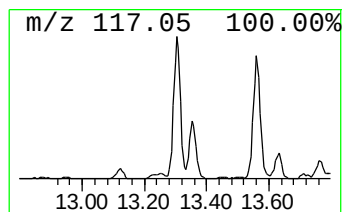
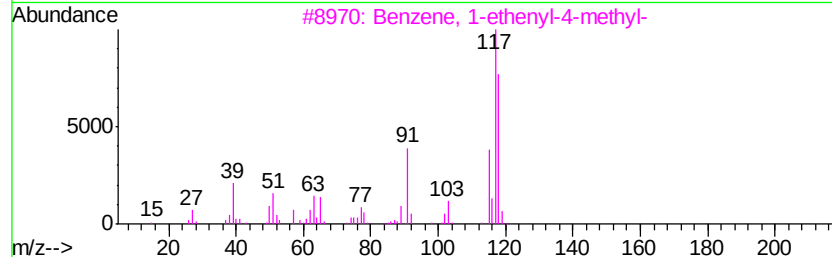
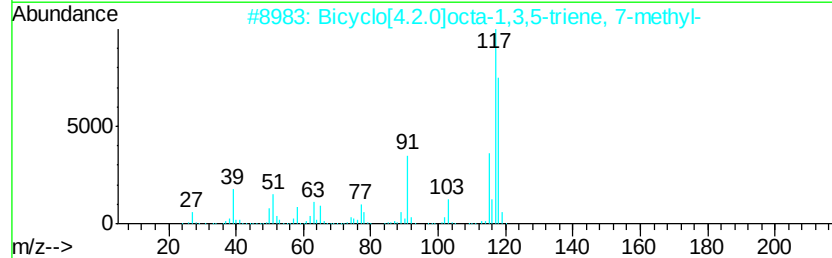
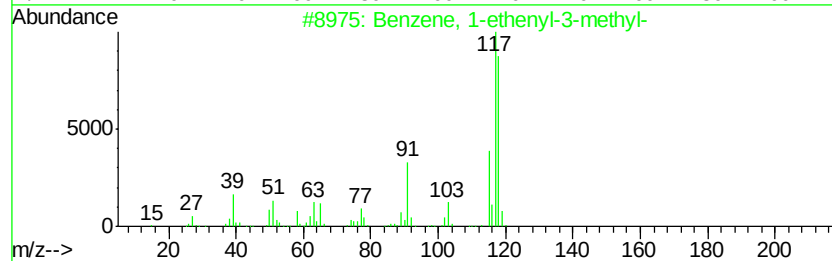
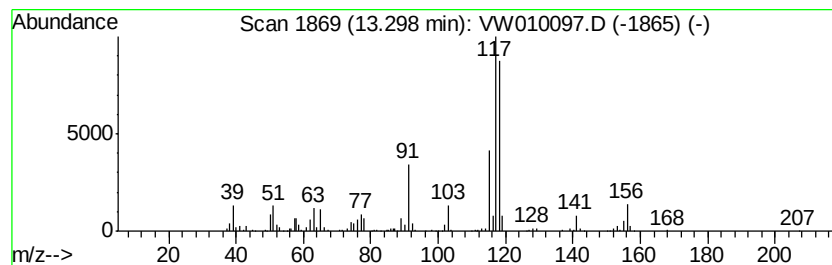
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Peak Number 4 Benzene, 1-ethenyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	5.02 ug/L	288076	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethenyl-3-methyl-	118 C9H10	000100-80-1 96
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	118 C9H10	055337-80-9 96
3		Benzene, 1-ethenyl-4-methyl-	118 C9H10	000622-97-9 95
4		Benzene, 1-propenyl-	118 C9H10	000637-50-3 93
5		(Z)-1-Phenylpropene	118 C9H10	000766-90-5 93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010097.D
Acq On : 23 Apr 2019 13:39
Operator : SY/VA
Sample : K2481-03
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

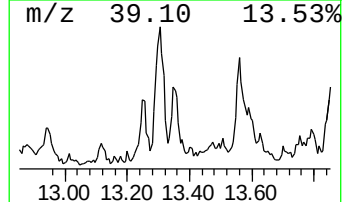
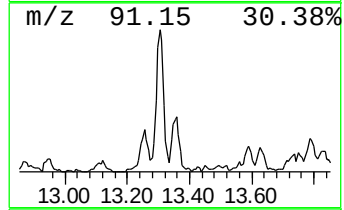
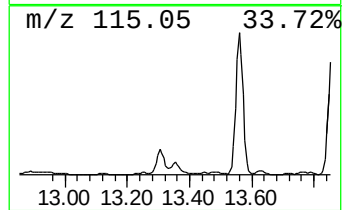
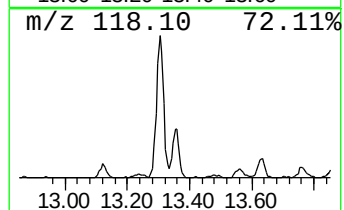
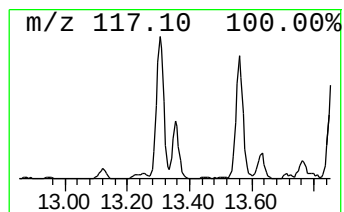
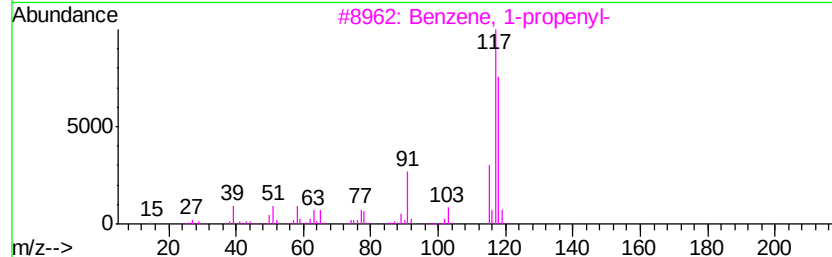
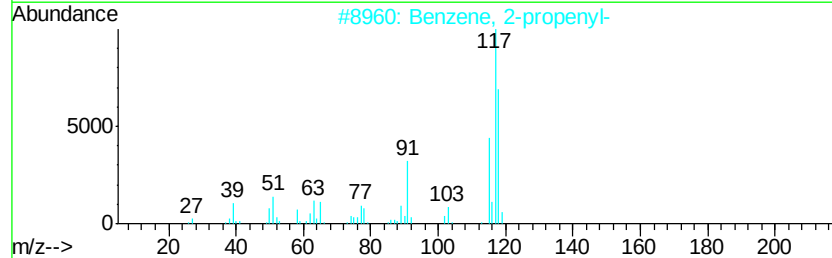
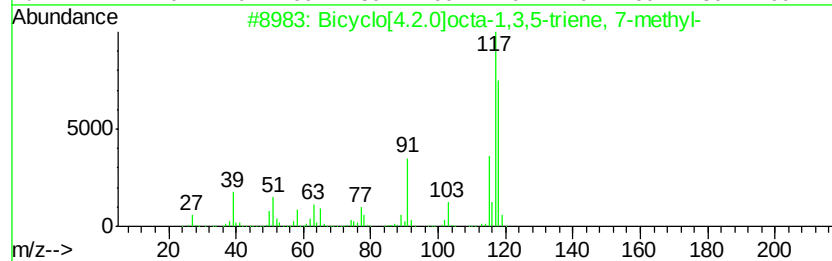
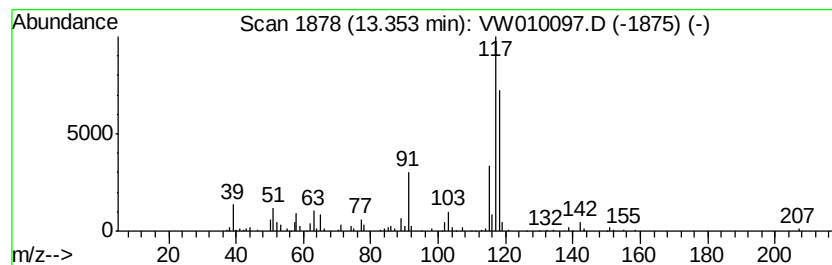
Instrument :
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ClientSampleId :
GAHT8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 5 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	2.91 ug/L	167349	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[4.2.0]octa-1,3,5-triene,...	118 C9H10	055337-80-9 93
2		Benzene, 2-propenyl-	118 C9H10	000300-57-2 91
3		Benzene, 1-propenyl-	118 C9H10	000637-50-3 90
4		Benzene, 2-propenyl-	118 C9H10	000300-57-2 90
5		(Z)-1-Phenylpropene	118 C9H10	000766-90-5 90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010097.D
Acq On : 23 Apr 2019 13:39
Operator : SY/VA
Sample : K2481-03
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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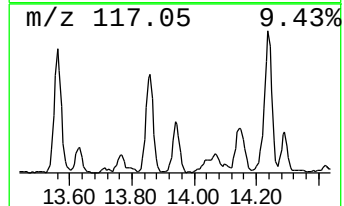
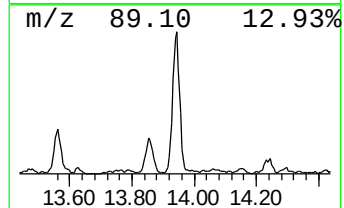
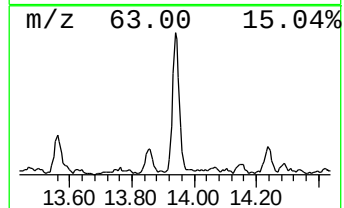
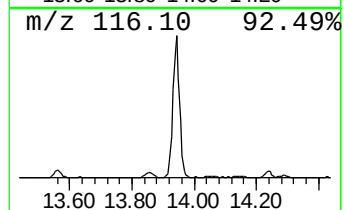
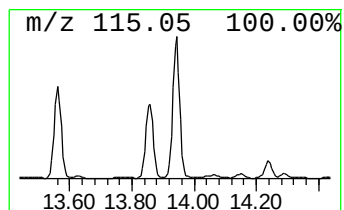
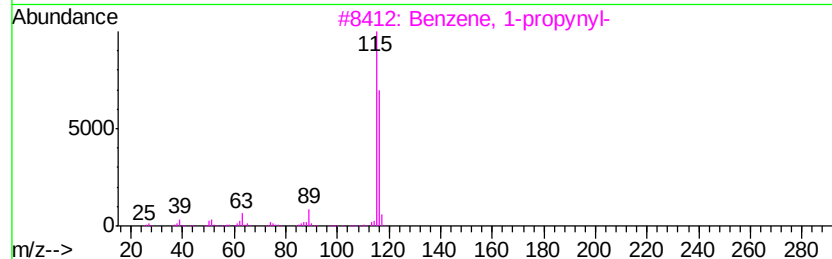
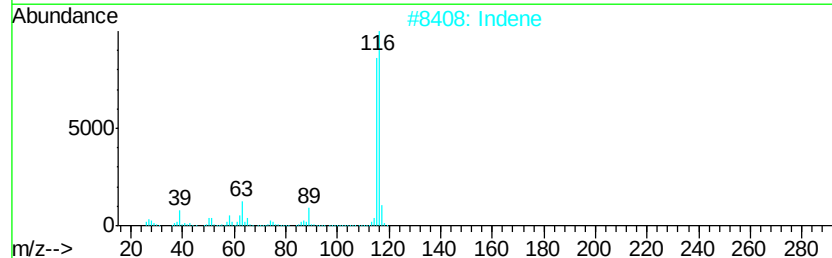
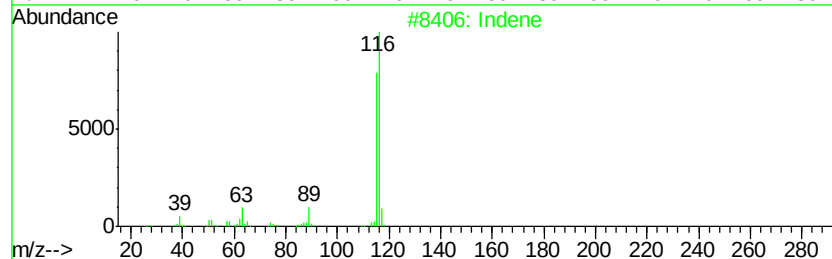
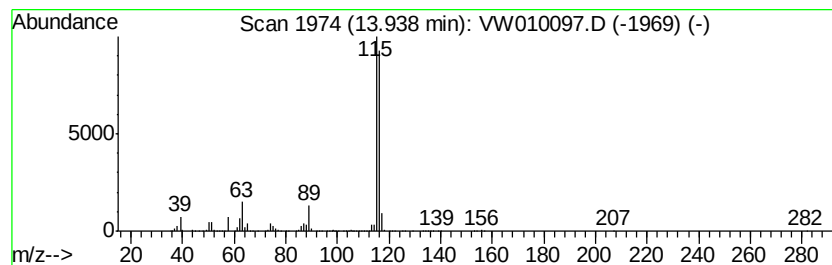
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Quant Title : VOC Analysis

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

Peak Number 6 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	11.06 ug/L	634967	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	97
2	Indene		116	C9H8	000095-13-6	95
3	Benzene, 1-propynyl-		116	C9H8	000673-32-5	94
4	Indene		116	C9H8	000095-13-6	91
5	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010097.D
Acq On : 23 Apr 2019 13:39
Operator : SY/VA
Sample : K2481-03
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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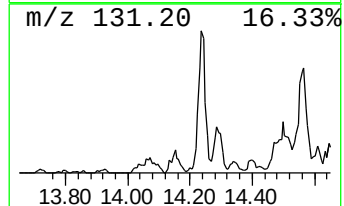
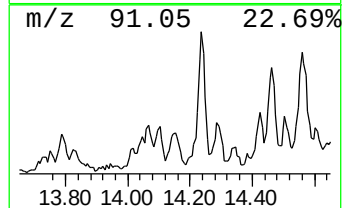
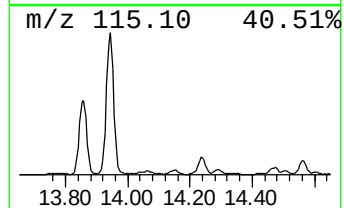
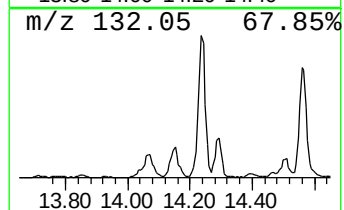
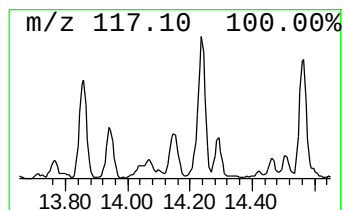
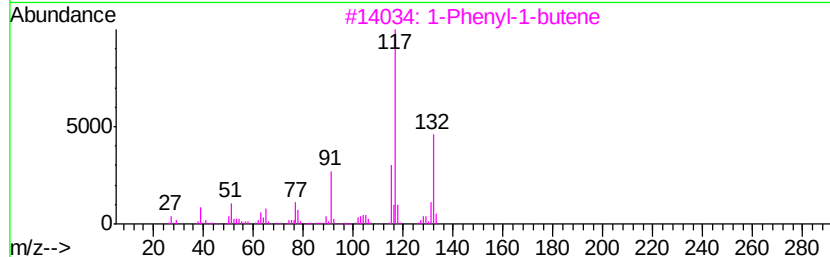
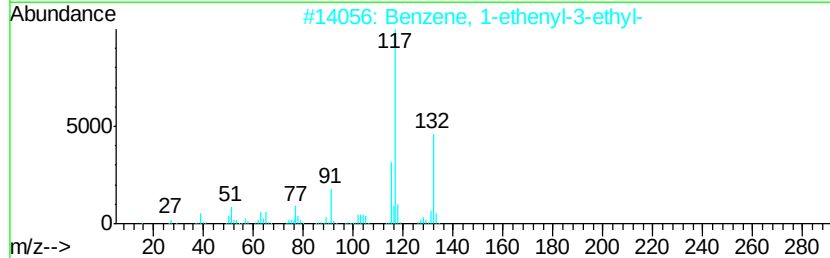
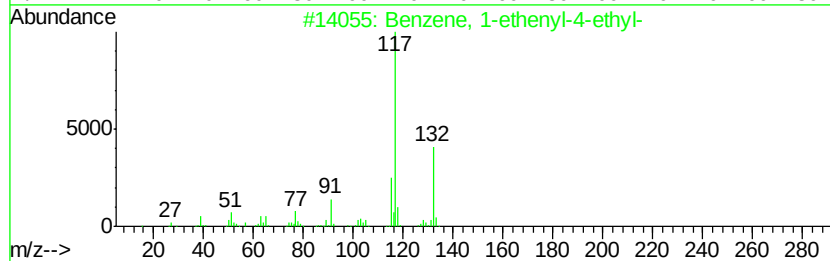
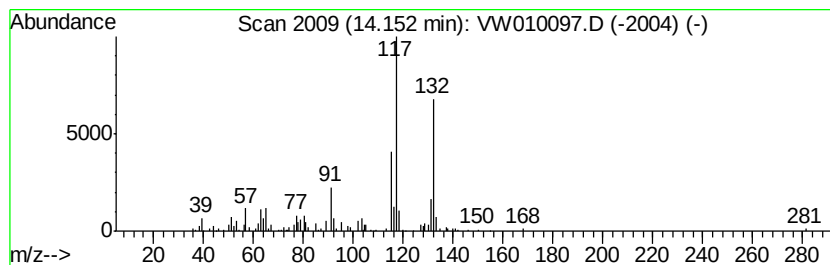
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	1.48 ug/L	85190	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	93
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	93
4		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010097.D
Acq On : 23 Apr 2019 13:39
Operator : SY/VA
Sample : K2481-03
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

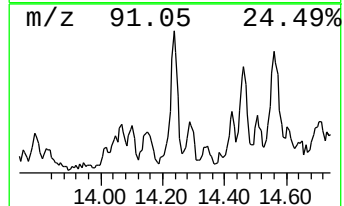
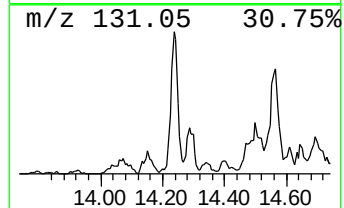
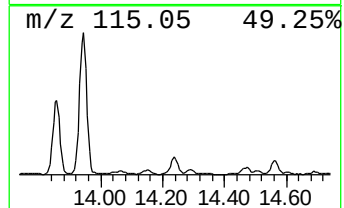
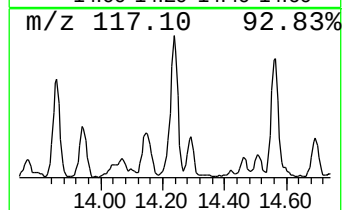
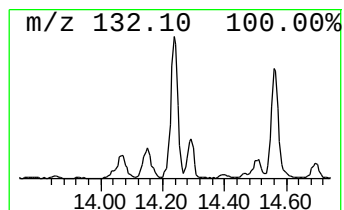
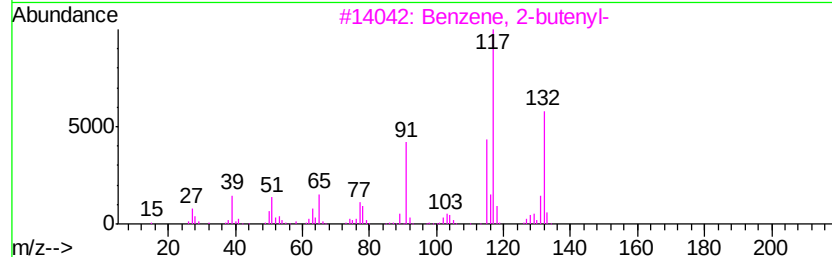
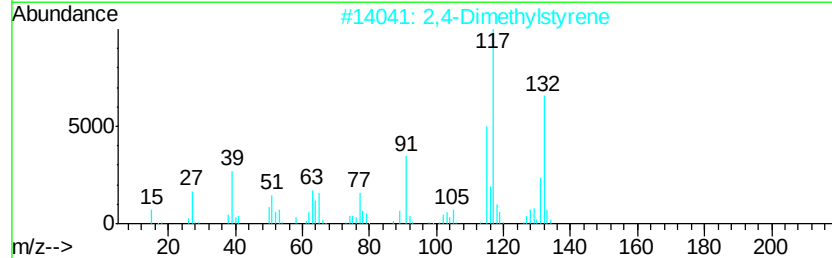
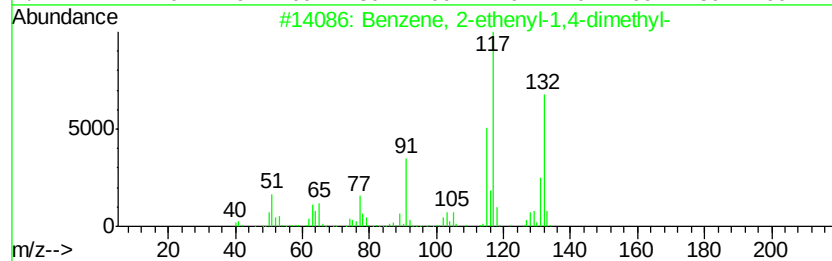
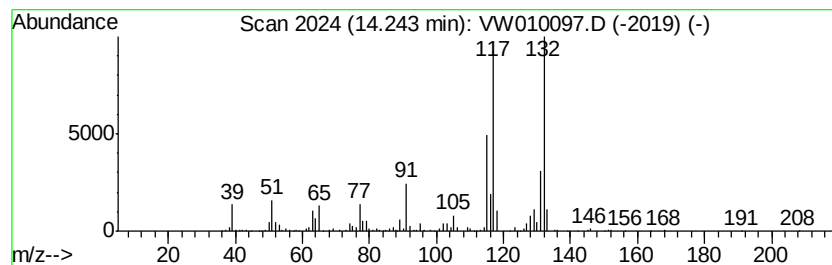
Instrument :
MSVOA_W
ClientSampleId :
GAHT8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	3.93 ug/L	225876	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 2-ethenyl-1,4-dimethyl-	132 C10H12	002039-89-6 97
2		2,4-Dimethylstyrene	132 C10H12	002234-20-0 97
3		Benzene, 2-butenyl-	132 C10H12	001560-06-1 96
4		Benzene, 1-methyl-4-(2-propenyl)-	132 C10H12	003333-13-9 96
5		(E)-1-Phenyl-1-butene	132 C10H12	001005-64-7 95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010097.D
Acq On : 23 Apr 2019 13:39
Operator : SY/VA
Sample : K2481-03
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

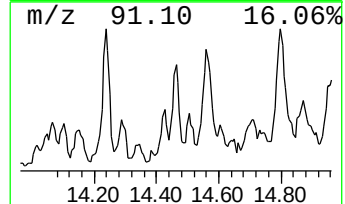
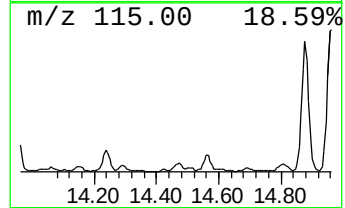
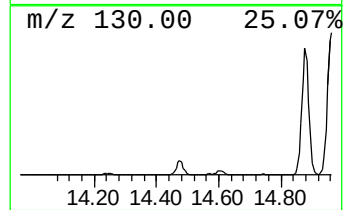
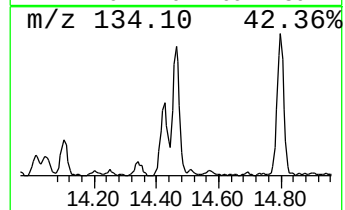
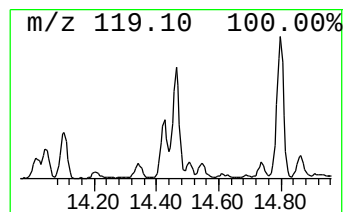
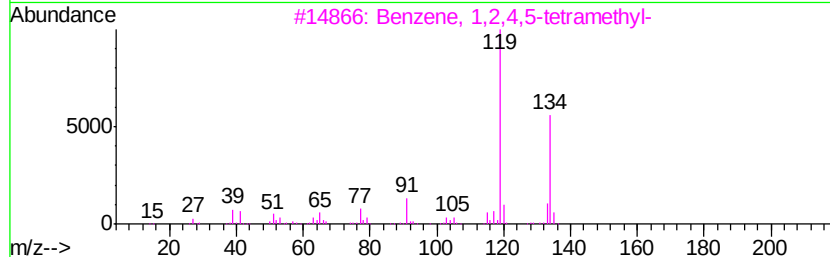
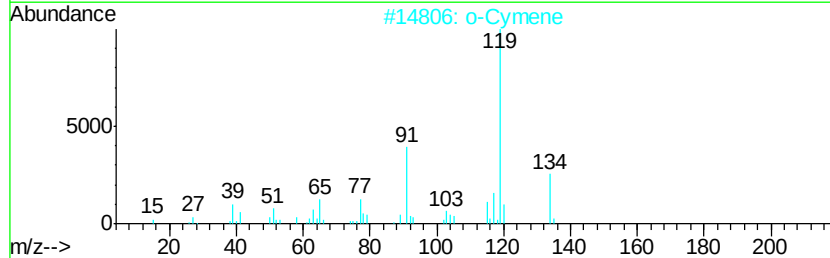
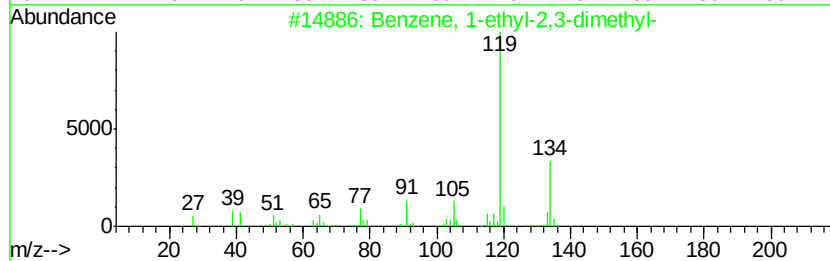
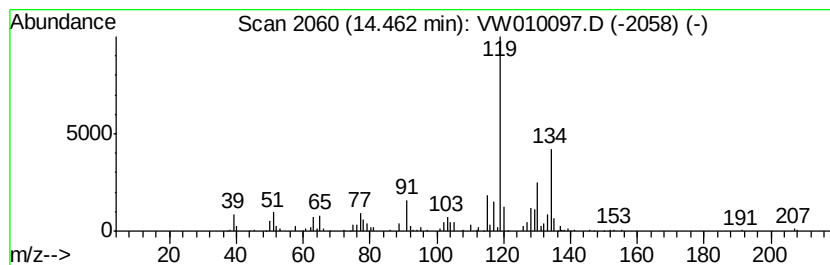
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.46	1.54 ug/L	88187	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76	
2	o-Cymene	134	C10H14	000527-84-4	76	
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76	
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76	
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010097.D
Acq On : 23 Apr 2019 13:39
Operator : SY/VA
Sample : K2481-03
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

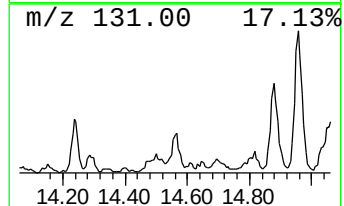
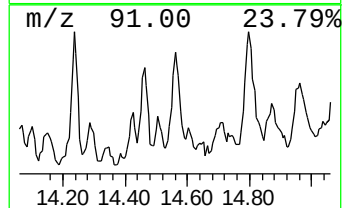
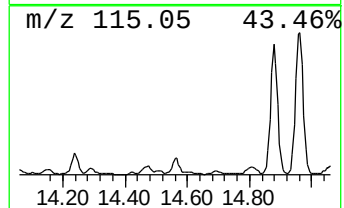
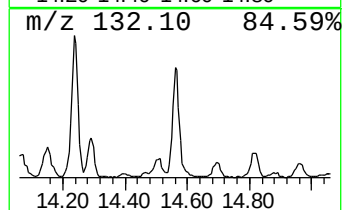
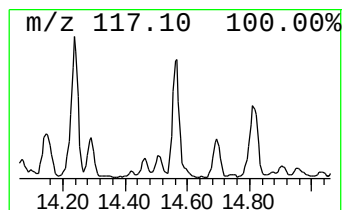
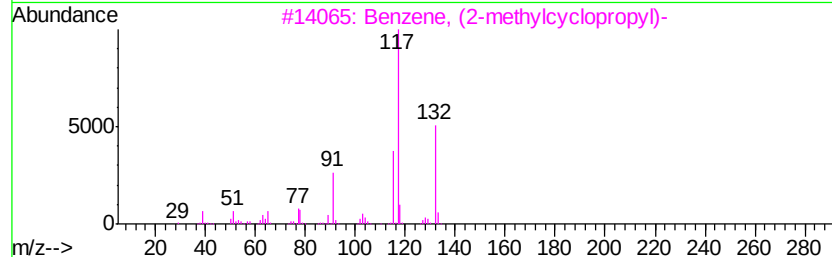
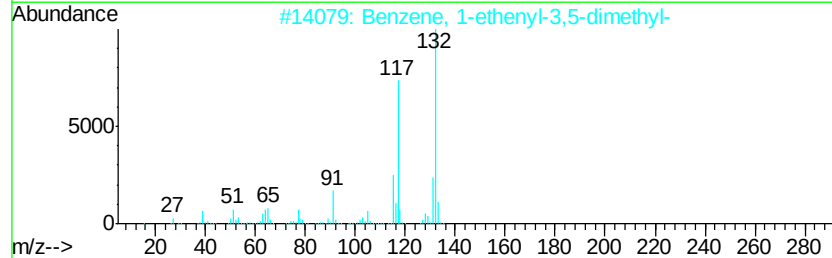
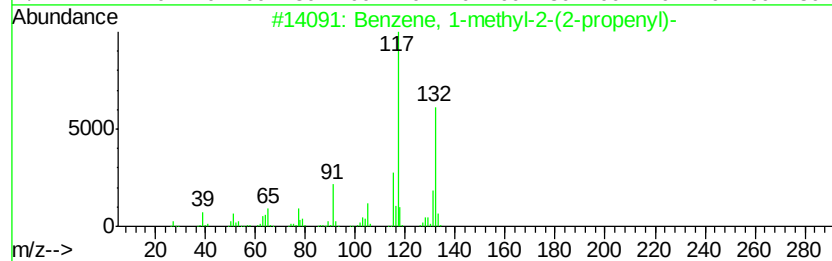
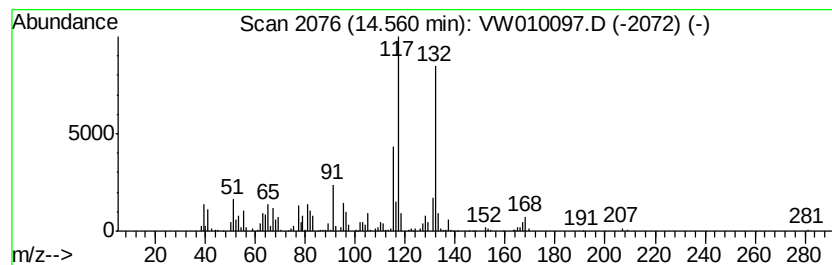
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1-methyl-2-(2-prop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.56	4.74 ug/L	272324	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94
2	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	93
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	93
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010097.D
Acq On : 23 Apr 2019 13:39
Operator : SY/VA
Sample : K2481-03
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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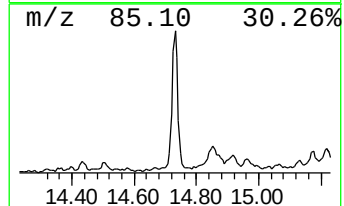
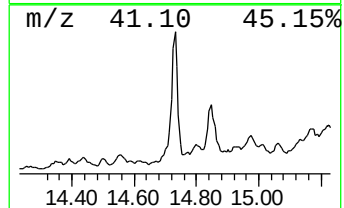
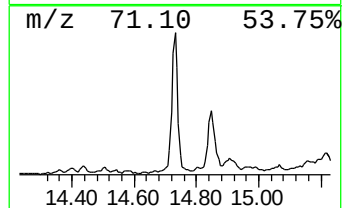
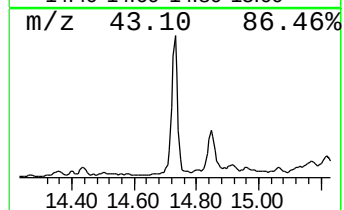
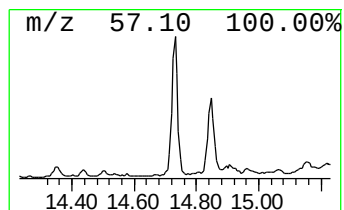
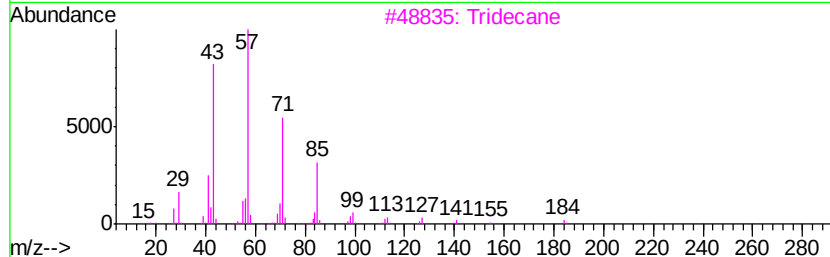
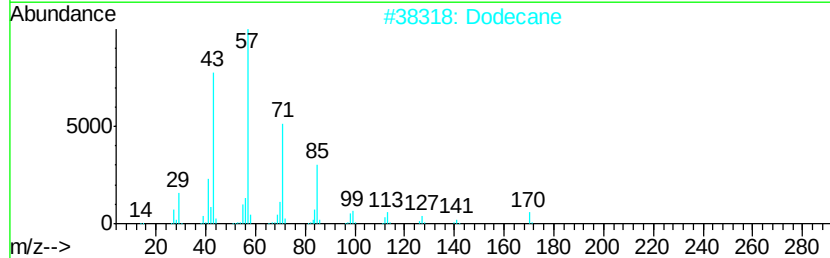
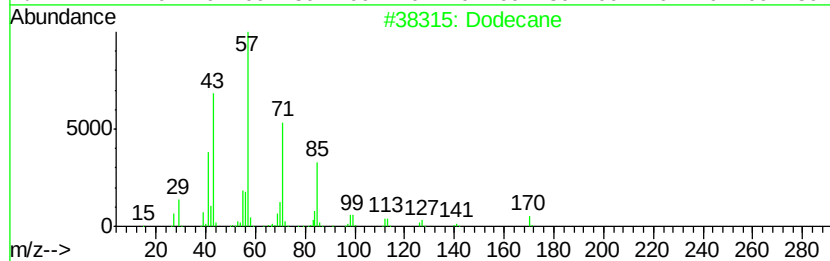
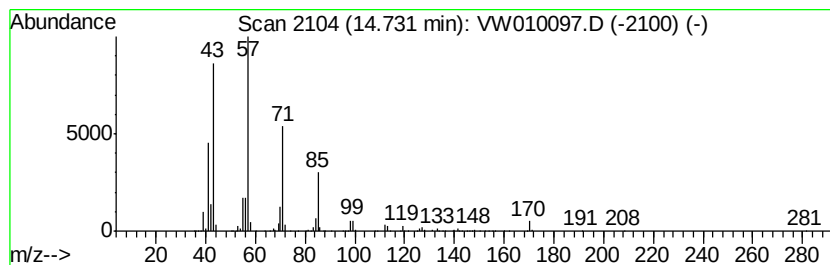
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	13.03 ug/L	748336	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	96
2		Dodecane	170	C12H26	000112-40-3	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010097.D
Acq On : 23 Apr 2019 13:39
Operator : SY/VA
Sample : K2481-03
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHT8

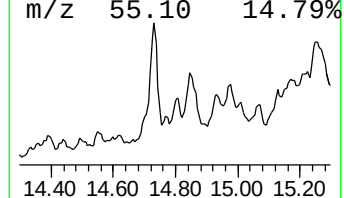
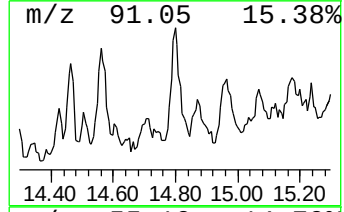
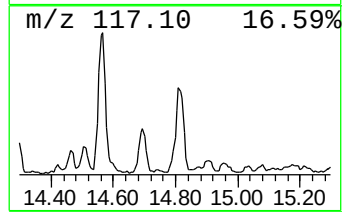
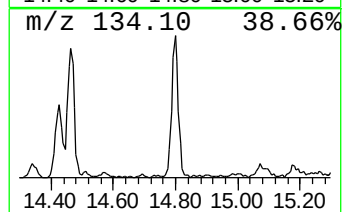
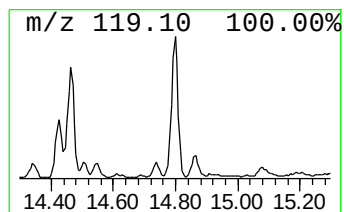
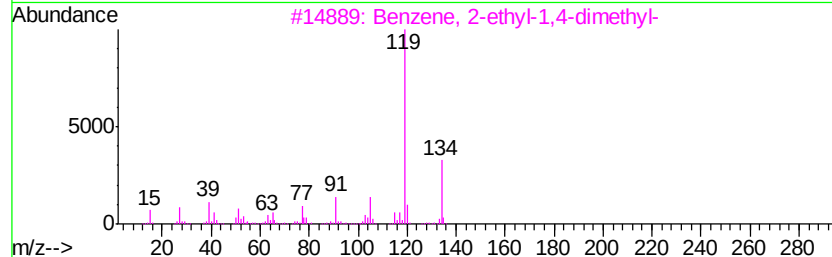
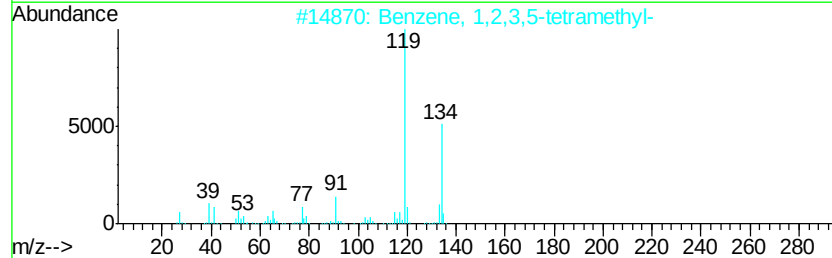
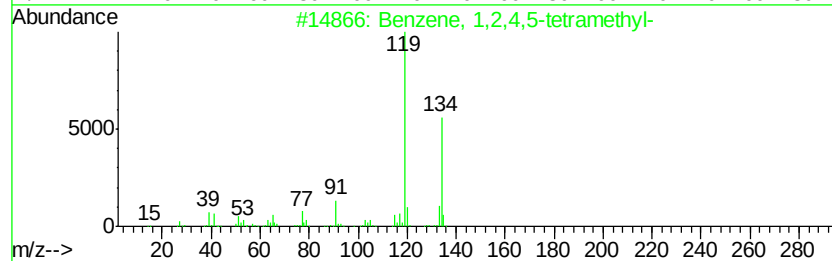
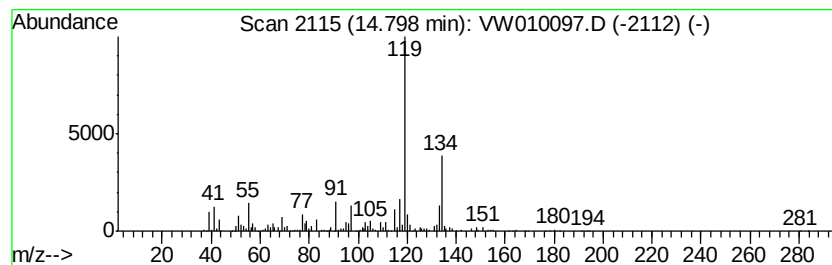
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	4.71 ug/L	270388	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	83
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010097.D
Acq On : 23 Apr 2019 13:39
Operator : SY/VA
Sample : K2481-03
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHT8

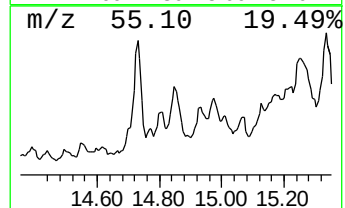
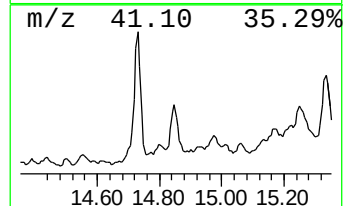
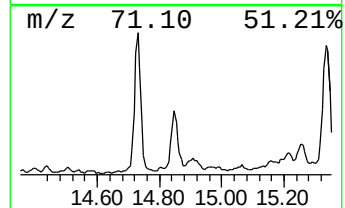
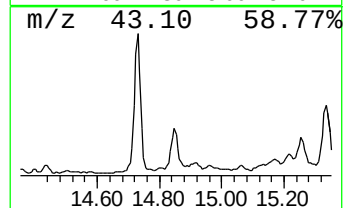
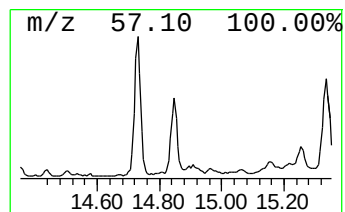
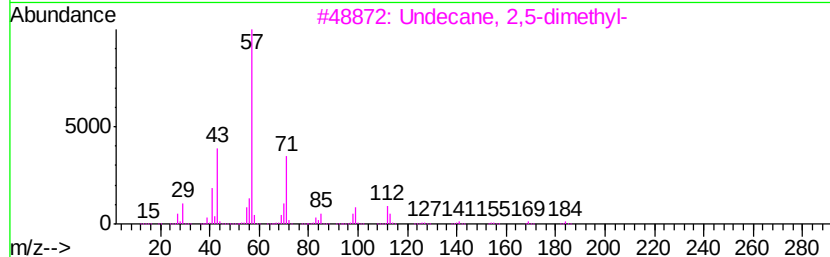
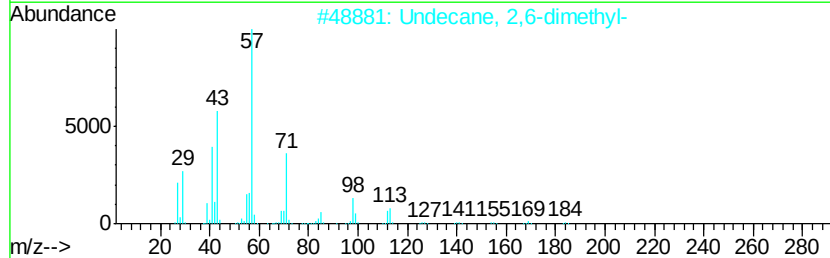
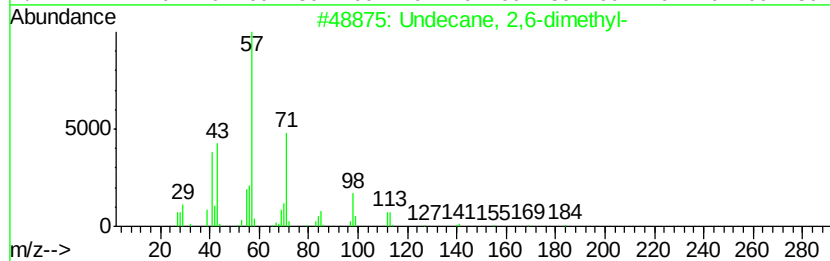
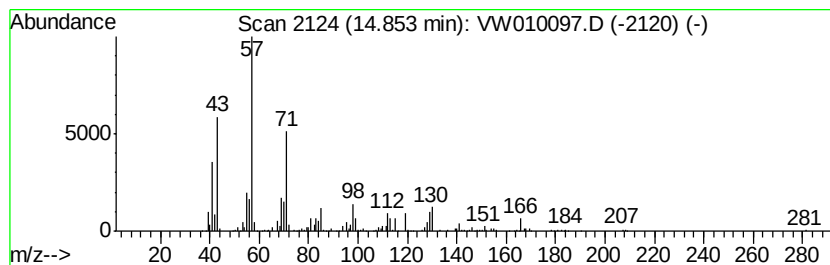
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	6.01 ug/L	345118	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane,	2,6-dimethyl-		184	C13H28	017301-23-4	93
2	Undecane,	2,6-dimethyl-		184	C13H28	017301-23-4	92
3	Undecane,	2,5-dimethyl-		184	C13H28	017301-22-3	92
4	Undecane,	2,6-dimethyl-		184	C13H28	017301-23-4	90
5	Undecane,	3,6-dimethyl-		184	C13H28	017301-28-9	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010097.D
Acq On : 23 Apr 2019 13:39
Operator : SY/VA
Sample : K2481-03
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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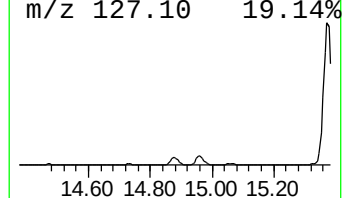
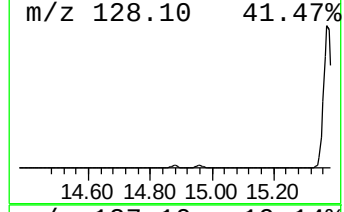
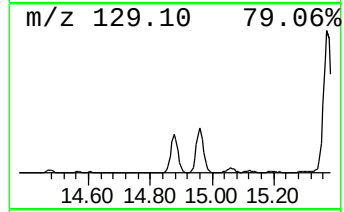
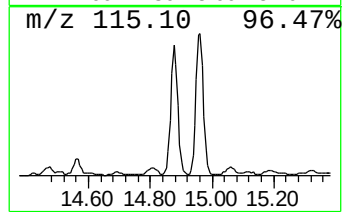
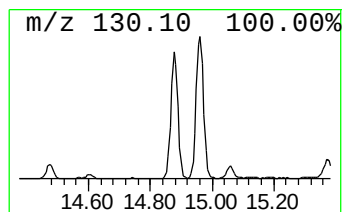
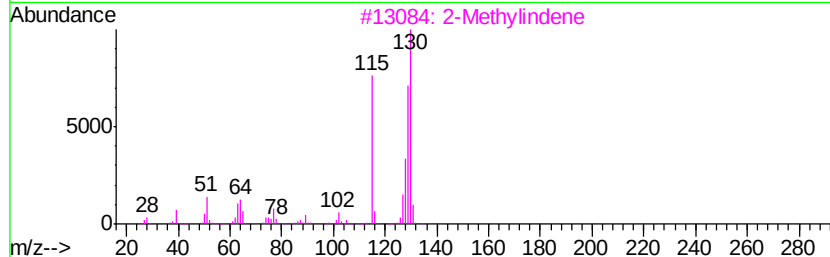
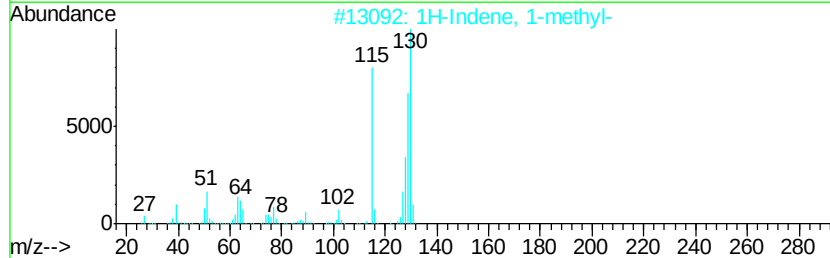
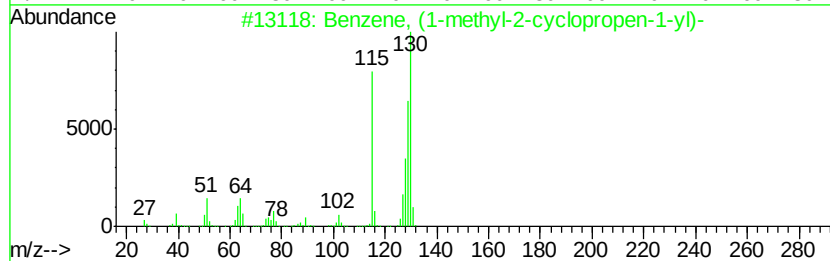
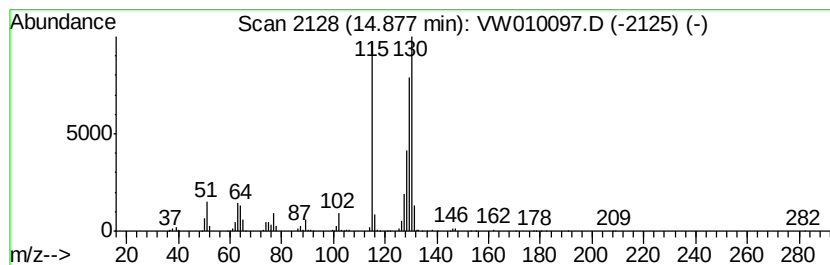
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Quant Title : VOC Analysis

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

Peak Number 14 Benzene, (1-methyl-2-cyclop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	13.17 ug/L	756410	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3		2-Methylindene	130	C10H10	002177-47-1	96
4		Benzene, 1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
5		Benzene, 1-butyryl-	130	C10H10	000622-76-4	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010097.D
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Operator : SY/VA
Sample : K2481-03
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

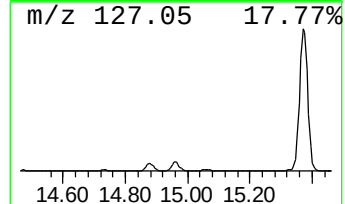
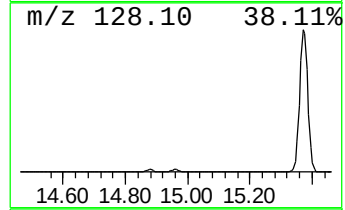
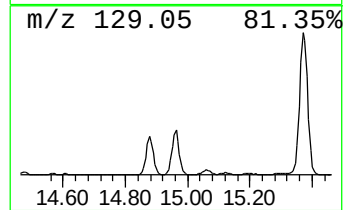
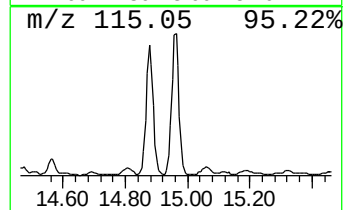
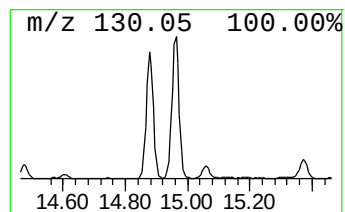
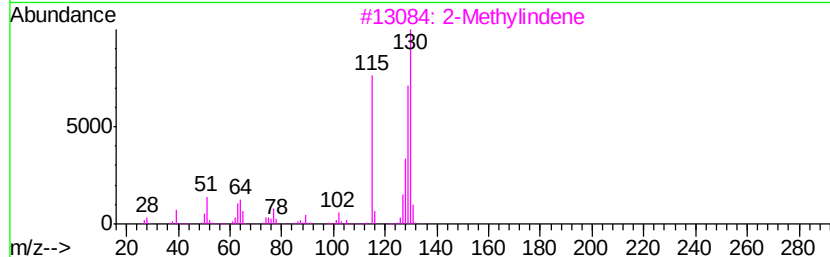
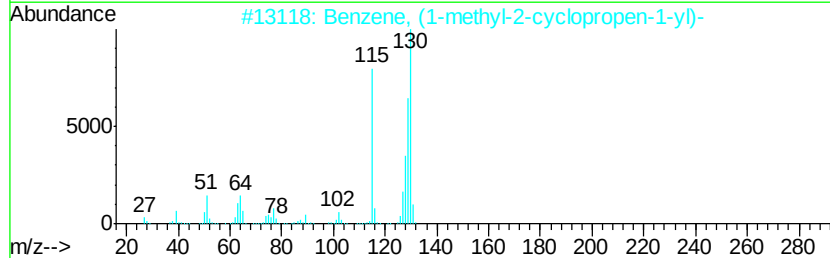
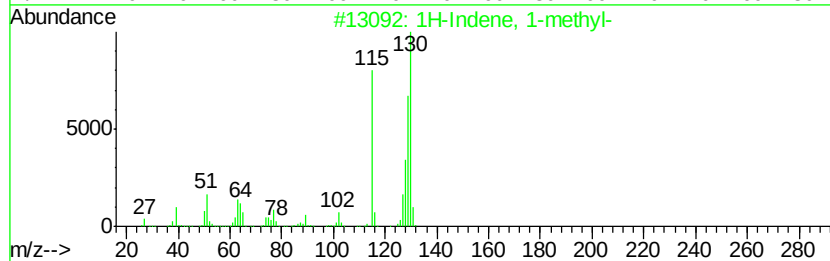
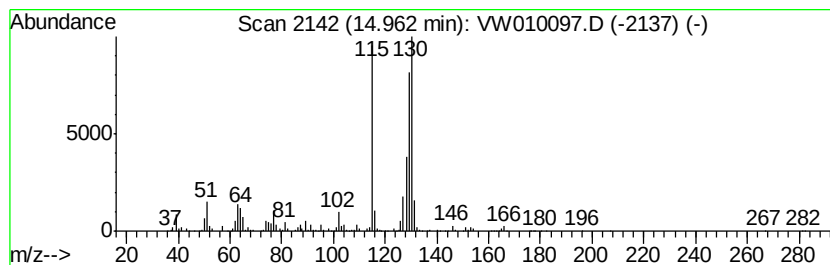
Instrument :
MSVOA_W
ClientSampleId :
GAHT8

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Quant Title : VOC Analysis

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

Peak Number 15 1H-Indene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.96	18.97 ug/L	1089370	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	2-Methylindene	130	C10H10	002177-47-1	96
4	Benzene, 1-butylnyl-	130	C10H10	000622-76-4	95
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010097.D
Acq On : 23 Apr 2019 13:39
Operator : SY/VA
Sample : K2481-03
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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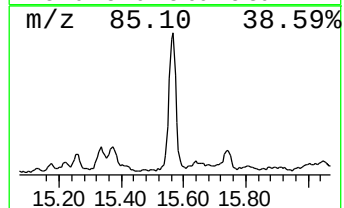
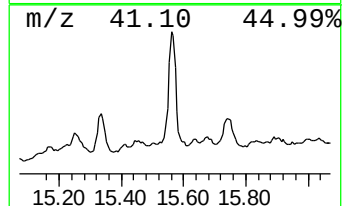
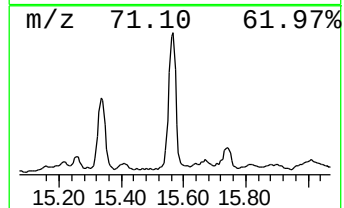
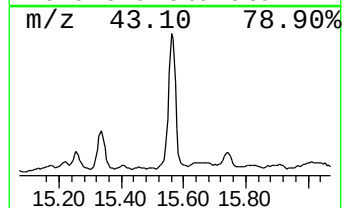
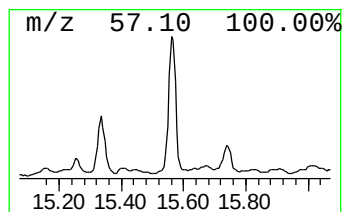
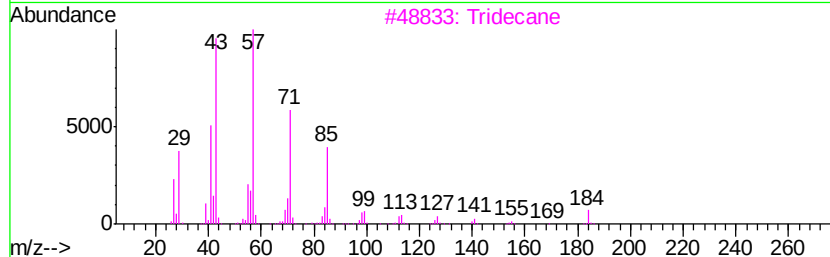
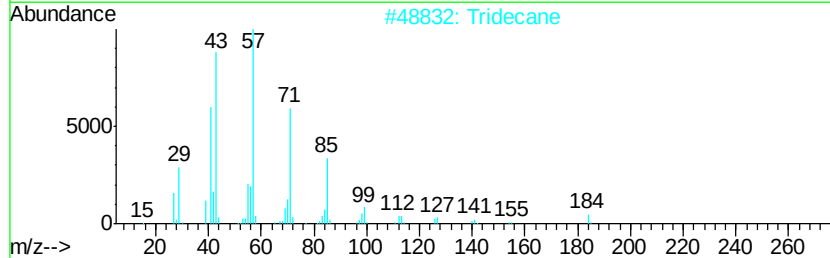
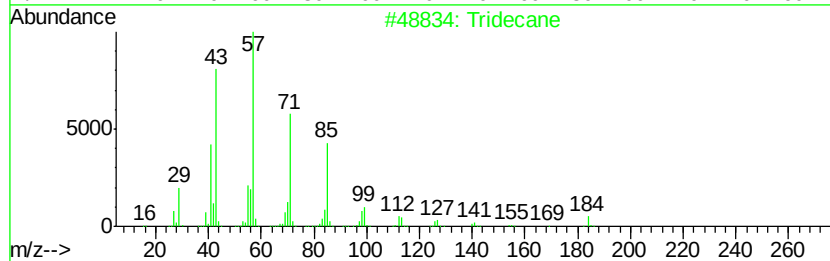
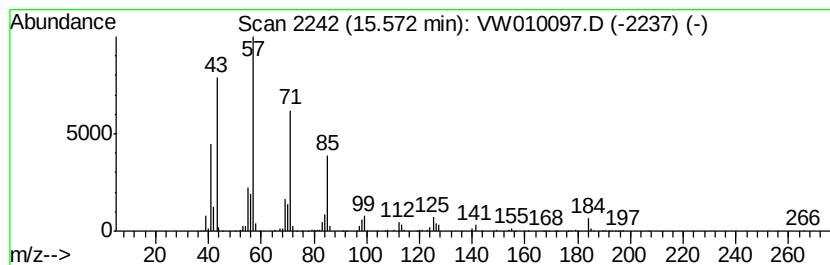
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	25.19 ug/L	1446430	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	95
2		Tridecane	184	C13H28	000629-50-5	95
3		Tridecane	184	C13H28	000629-50-5	93
4		Tetradecane	198	C14H30	000629-59-4	91
5		Tridecane	184	C13H28	000629-50-5	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010097.D
Acq On : 23 Apr 2019 13:39
Operator : SY/VA
Sample : K2481-03
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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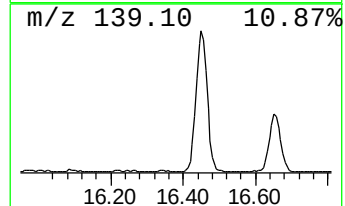
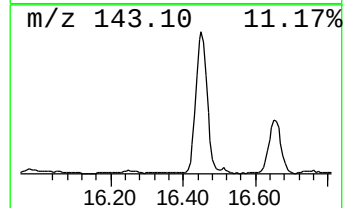
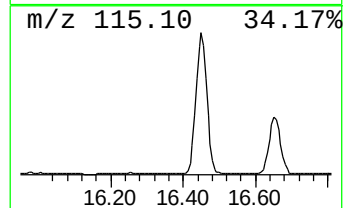
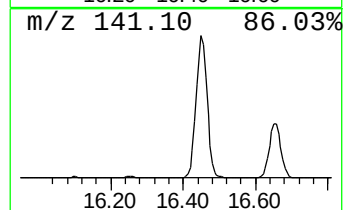
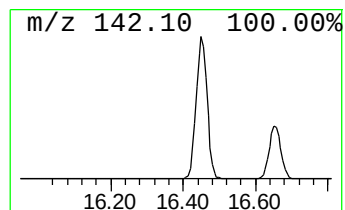
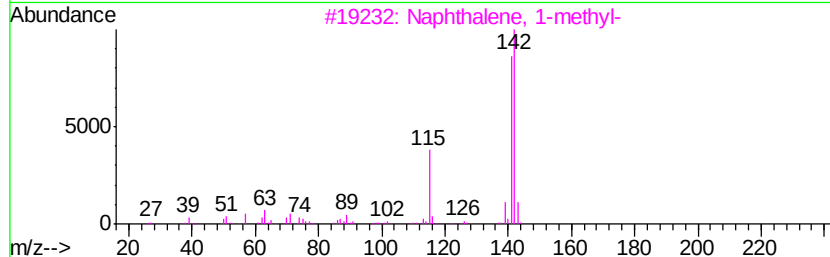
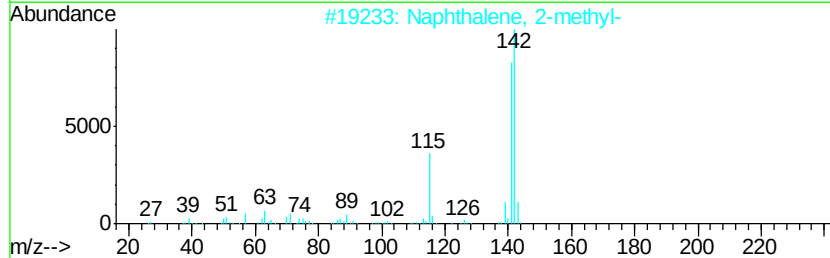
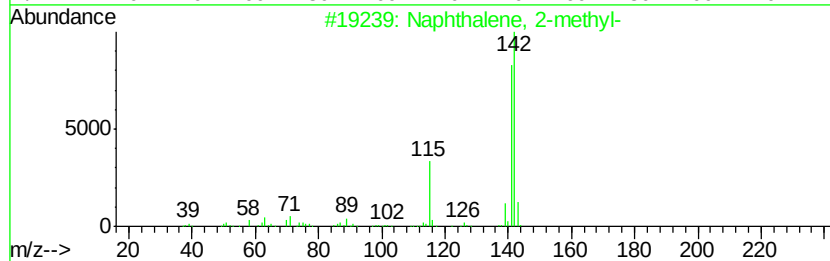
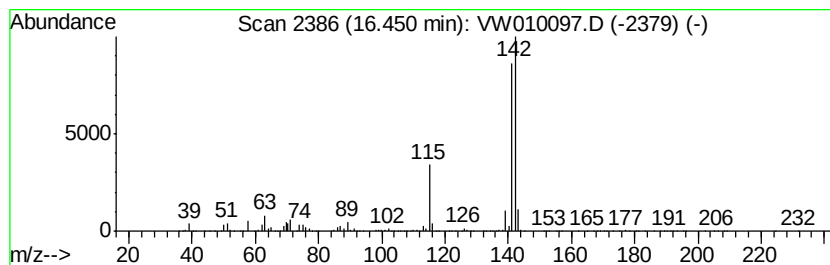
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Quant Title : VOC Analysis

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

Peak Number 18 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	123.60 ug/L	7096260	1,4-Dichlorobenzene-d4	13.56

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042319\
 Data File : VW010097.D
 Acq On : 23 Apr 2019 13:39
 Operator : SY/VA
 Sample : K2481-03
 Misc : 5.01G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHT8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.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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Benzene, 1,2,3-tr...	13.26	2.0	ug/L	115313	3	13.56	1435370	25.0
Benzene, 1-etheny...	13.30	5.0	ug/L	288076	3	13.56	1435370	25.0
Bicyclo[4.2.0]oct...	13.35	2.9	ug/L	167349	3	13.56	1435370	25.0
Indene	13.94	11.1	ug/L	634967	3	13.56	1435370	25.0
Benzene, 1-etheny...	14.15	1.5	ug/L	85190	3	13.56	1435370	25.0
Benzene, 2-etheny...	14.24	3.9	ug/L	225876	3	13.56	1435370	25.0
Benzene, 1-ethyl-...	14.46	1.5	ug/L	88187	3	13.56	1435370	25.0
Benzene, 1-methyl...	14.56	4.7	ug/L	272324	3	13.56	1435370	25.0
(DEL) Alkane: Str...	14.73	13.0	ug/L	748336	3	13.56	1435370	25.0
Benzene, 1,2,4,5-...	14.80	4.7	ug/L	270388	3	13.56	1435370	25.0
(DEL) Alkane: Str...	14.85	6.0	ug/L	345118	3	13.56	1435370	25.0
Benzene, (1-methy...	14.88	13.2	ug/L	756410	3	13.56	1435370	25.0
1H-Indene, 1-methyl-	14.96	19.0	ug/L	1089370	3	13.56	1435370	25.0
(DEL) Alkane: Str...	15.57	25.2	ug/L	1446430	3	13.56	1435370	25.0
Naphthalene, 1-me...	16.45	123.6	ug/L	7096260	3	13.56	1435370	25.0