

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010127.D
 Acq On : 25 Apr 2019 03:50
 Operator : SY/VA
 Sample : K2481-19
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHX2

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\SOM2WLM042419S.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	2.148	37	40	44	rBV3	5953	11728	0.39%	0.048%
2	2.361	68	75	89	rBV	92252	225394	7.54%	0.931%
3	2.892	155	162	176	rVB2	78363	224453	7.51%	0.927%
4	3.836	313	317	318	rBV3	1877	2291	0.08%	0.009%
5	3.904	327	328	333	rVB5	1429	1831	0.06%	0.008%
6	4.013	333	346	361	rBV	212212	758618	25.39%	3.133%
7	4.342	397	400	401	rBV2	1196	1234	0.04%	0.005%
8	4.397	402	409	410	rBV4	5663	9582	0.32%	0.040%
9	4.483	422	423	426	rVB3	1286	816	0.03%	0.003%
10	4.605	434	443	449	rBV2	13396	43294	1.45%	0.179%
11	4.916	479	494	515	rBV2	46891	197602	6.61%	0.816%
12	5.050	515	516	519	rVB2	941	890	0.03%	0.004%
13	5.129	527	529	531	rBV2	966	825	0.03%	0.003%
14	5.172	533	536	538	rBV3	1504	1831	0.06%	0.008%
15	5.208	541	542	545	rVB2	1196	901	0.03%	0.004%
16	5.251	547	549	552	rBV2	986	903	0.03%	0.004%
17	5.275	552	553	558	rVB3	954	888	0.03%	0.004%
18	5.330	558	562	563	rBV2	1094	1393	0.05%	0.006%
19	5.379	568	570	573	rBV2	832	1205	0.04%	0.005%
20	5.726	626	627	632	rVB5	914	1009	0.03%	0.004%
21	5.781	635	636	642	rVB2	1101	1508	0.05%	0.006%
22	5.928	653	660	661	rBV4	4204	7132	0.24%	0.029%
23	6.001	670	672	675	rVB3	1144	1532	0.05%	0.006%
24	6.129	691	693	696	rBV2	869	1117	0.04%	0.005%
25	6.214	706	707	709	rBV	950	903	0.03%	0.004%
26	6.269	713	716	719	rVB3	923	1140	0.04%	0.005%
27	6.641	775	777	779	rBV2	1061	1020	0.03%	0.004%
28	6.805	801	804	807	rVB2	932	891	0.03%	0.004%
29	6.982	830	833	835	rVB3	942	811	0.03%	0.003%
30	7.086	840	850	856	rBV3	23465	75500	2.53%	0.312%
31	7.458	909	911	915	rBV4	1140	1715	0.06%	0.007%
32	7.531	921	923	925	rBV3	1171	1211	0.04%	0.005%
33	7.641	929	941	954	rBV	433992	1061431	35.53%	4.383%
34	7.775	959	963	965	rBV3	1066	1377	0.05%	0.006%

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 Title : VOC Analysis

35	7.793	965	966	971	rVB3	1153	1405	0.05%	0.006%
36	7.945	990	991	998	rVB4	1176	1603	0.05%	0.007%
37	8.067	1009	1011	1013	rVB2	1094	1030	0.03%	0.004%
38	8.141	1018	1023	1024	rBV2	733	831	0.03%	0.003%
39	8.165	1024	1027	1030	rVB5	954	1119	0.04%	0.005%
40	8.275	1033	1045	1061	rBV2	785642	2385549	79.85%	9.851%
41	8.403	1065	1066	1070	rVB2	3000	2410	0.08%	0.010%
42	8.439	1070	1072	1074	rVB3	1053	895	0.03%	0.004%
43	8.464	1074	1076	1080	rBV3	866	1241	0.04%	0.005%
44	8.549	1087	1090	1091	rBV3	883	789	0.03%	0.003%
45	8.689	1107	1113	1116	rBV5	2233	4010	0.13%	0.017%
46	8.842	1127	1138	1148	rBV	837889	1626573	54.45%	6.717%
47	8.933	1151	1153	1156	rVB3	2029	1973	0.07%	0.008%
48	9.012	1161	1166	1168	rBV4	2669	4487	0.15%	0.019%
49	9.073	1171	1176	1182	rVB4	11114	22920	0.77%	0.095%
50	9.274	1199	1209	1220	rBV	578075	1179279	39.47%	4.870%
51	9.445	1234	1237	1239	rBV3	1157	1462	0.05%	0.006%
52	9.592	1260	1261	1266	rVB3	974	1386	0.05%	0.006%
53	9.659	1266	1272	1276	rBV6	4392	8653	0.29%	0.036%
54	9.756	1283	1288	1295	rVB5	4088	8050	0.27%	0.033%
55	9.890	1303	1310	1317	rBV4	7297	16594	0.56%	0.069%
56	9.945	1317	1319	1322	rVB3	1648	1251	0.04%	0.005%
57	10.037	1325	1334	1342	rBV	207009	373607	12.51%	1.543%
58	10.116	1344	1347	1357	rVB7	3123	7829	0.26%	0.032%
59	10.207	1359	1362	1363	rBV2	987	848	0.03%	0.004%
60	10.250	1364	1369	1373	rBV5	3517	6727	0.23%	0.028%
61	10.323	1373	1381	1388	rVV	1028845	1790177	59.92%	7.392%
62	10.390	1388	1392	1400	rVV2	13980	27078	0.91%	0.112%
63	10.469	1403	1405	1408	rVB4	745	815	0.03%	0.003%
64	10.500	1408	1410	1412	rBV3	1751	2001	0.07%	0.008%
65	10.579	1416	1423	1432	rVV	138492	233101	7.80%	0.963%
66	10.701	1439	1443	1451	rVB3	6536	13540	0.45%	0.056%
67	10.762	1451	1453	1462	rVB8	2101	4052	0.14%	0.017%
68	10.835	1462	1465	1466	rBV2	2123	2382	0.08%	0.010%
69	10.927	1473	1480	1491	rBV4	125920	318319	10.66%	1.314%
70	11.018	1491	1495	1504	rVB5	11364	22494	0.75%	0.093%
71	11.286	1534	1539	1540	rBV5	2326	3589	0.12%	0.015%

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72	11.634	1588	1596	1603	rBV	1061183	1822164	60.99%	7.524%
73	11.841	1625	1630	1639	rVB2	45624	101452	3.40%	0.419%
74	12.170	1679	1684	1692	rVB3	30996	62389	2.09%	0.258%
75	12.280	1701	1702	1703	rBV	1288	800	0.03%	0.003%
76	12.414	1722	1724	1726	rBV2	2483	2633	0.09%	0.011%
77	12.615	1751	1757	1763	rBV5	13398	25661	0.86%	0.106%
78	12.695	1763	1770	1779	rVB2	406424	661465	22.14%	2.731%
79	12.871	1793	1799	1802	rBV3	32392	62640	2.10%	0.259%
80	13.256	1855	1862	1865	rBV	63537	106151	3.55%	0.438%
81	13.304	1865	1870	1874	rBV4	63339	111583	3.74%	0.461%
82	13.560	1906	1912	1920	rBV	872220	1387321	46.44%	5.729%
83	13.853	1954	1960	1968	rBV	740785	1253484	41.96%	5.176%
84	13.944	1969	1975	1988	rVB	166598	314969	10.54%	1.301%
85	14.152	2005	2009	2015	rVB3	10878	20865	0.70%	0.086%
86	14.237	2018	2023	2028	rVB	35369	53199	1.78%	0.220%
87	14.292	2028	2032	2035	rBV5	10771	18173	0.61%	0.075%
88	14.420	2051	2053	2056	rBV2	7591	7592	0.25%	0.031%
89	14.469	2057	2061	2063	rBV2	25069	41032	1.37%	0.169%
90	14.725	2101	2103	2108	rBV5	8812	10847	0.36%	0.045%
91	14.798	2112	2115	2122	rVB3	28296	53531	1.79%	0.221%
92	14.877	2123	2128	2135	rVB2	113112	181921	6.09%	0.751%
93	14.956	2135	2141	2153	rBV	150039	270762	9.06%	1.118%
94	15.066	2155	2159	2163	rBV6	11882	23528	0.79%	0.097%
95	15.371	2202	2209	2217	rVB	1726623	2987449	100.00%	12.336%
96	15.444	2219	2221	2223	rBV	18560	22701	0.76%	0.094%
97	15.804	2277	2280	2283	rBV5	13100	20945	0.70%	0.086%
98	15.968	2303	2307	2314	rBV5	24921	58392	1.95%	0.241%
99	16.450	2378	2386	2394	rBV	1287179	2619843	87.69%	10.818%
100	16.651	2412	2419	2429	rVB	541764	1188929	39.80%	4.910%

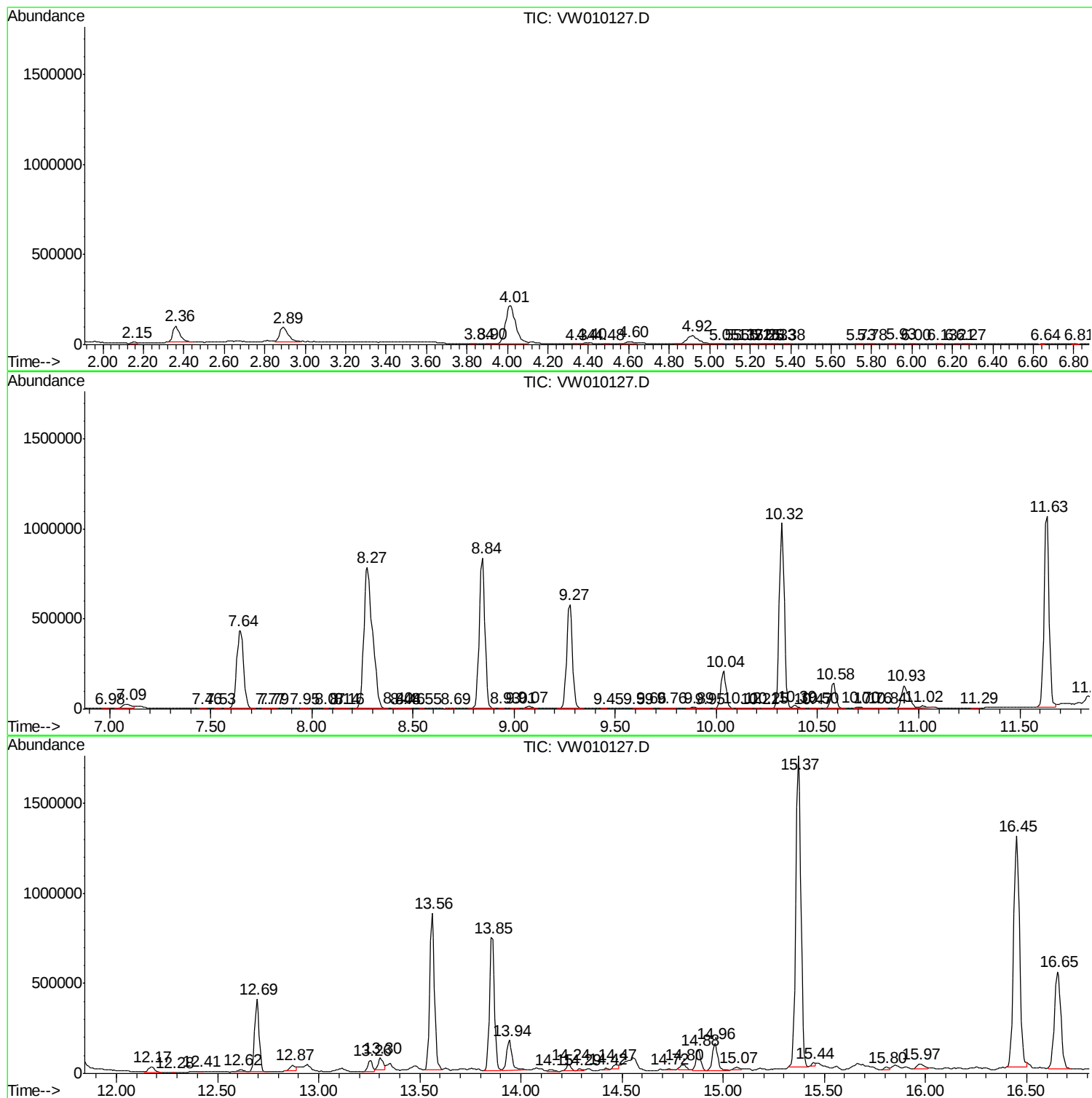
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis

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



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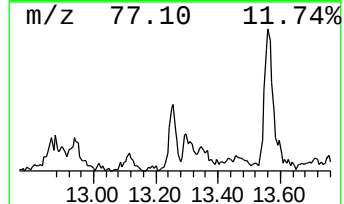
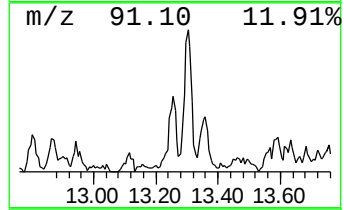
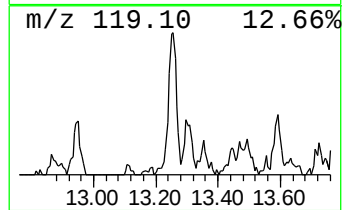
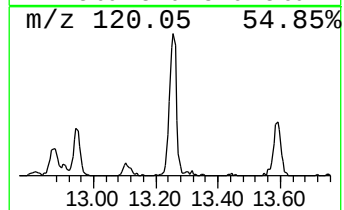
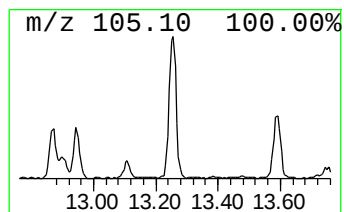
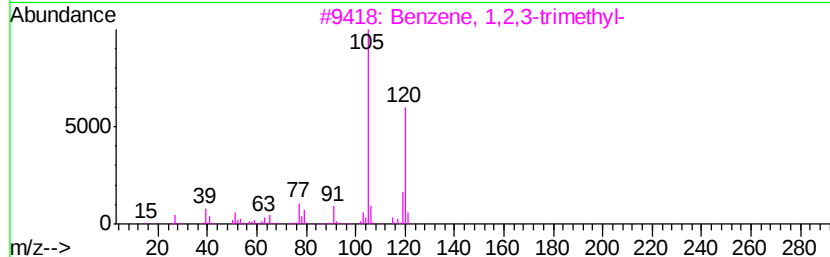
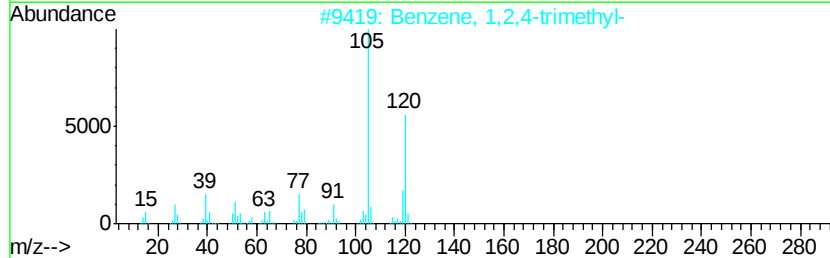
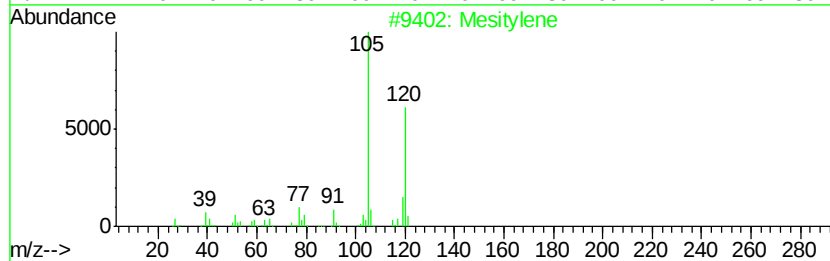
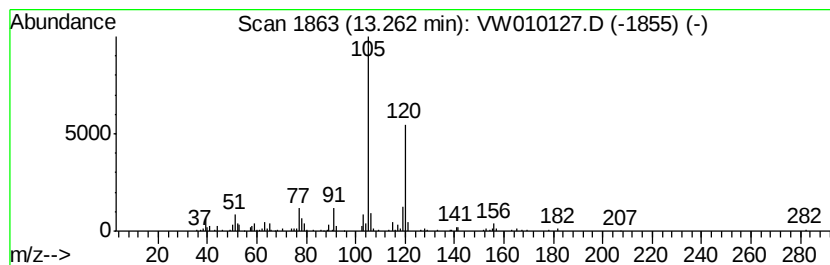
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis

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

Peak Number 2 Mesitylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	1.91 ug/L	106151	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene		120	C9H12	000108-67-8	97
2	Benzene, 1,2,4-trimethyl-		120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	94
4	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-		120	C9H12	000095-63-6	93



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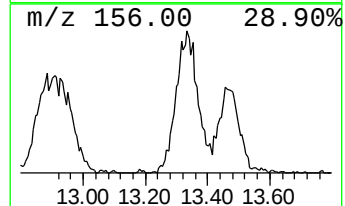
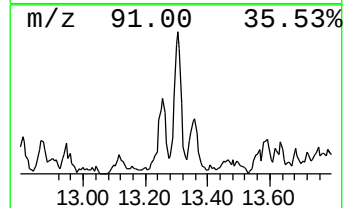
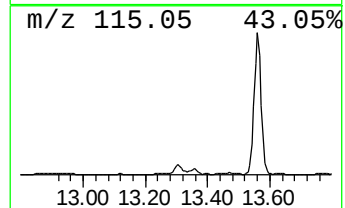
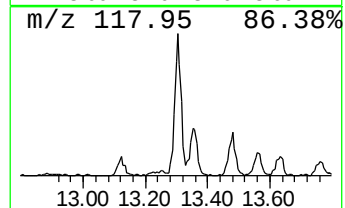
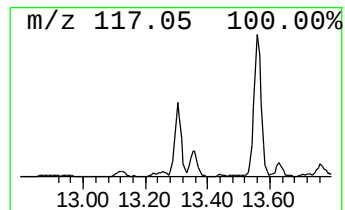
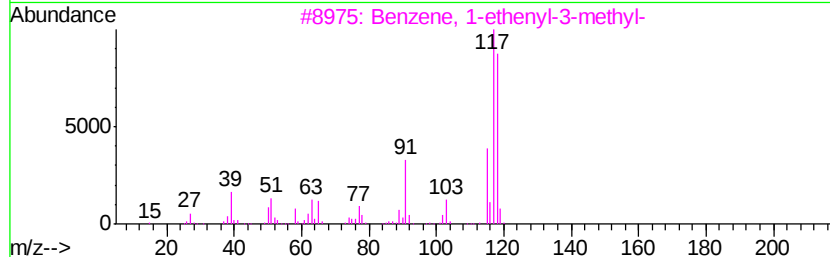
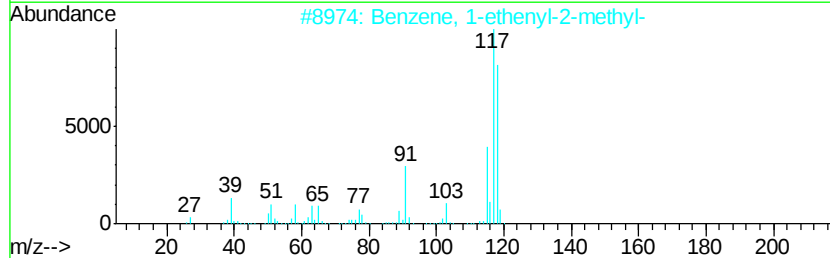
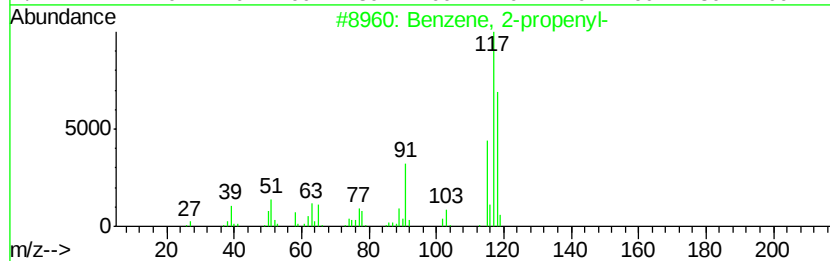
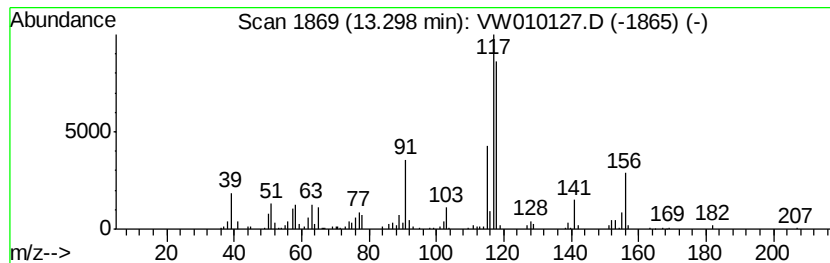
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Quant Title : VOC Analysis

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

Peak Number 3 Benzene, 2-propenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.01 ug/L	111583	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 2-propenyl-	118 C9H10	000300-57-2 86
2		Benzene, 1-ethenyl-2-methyl-	118 C9H10	000611-15-4 86
3		Benzene, 1-ethenyl-3-methyl-	118 C9H10	000100-80-1 86
4		Benzene, 1,1'-(1-ethenyl-1,3-pro...	222 C17H18	061141-97-7 80
5		Benzene, 1-ethenyl-2-methyl-	118 C9H10	000611-15-4 70



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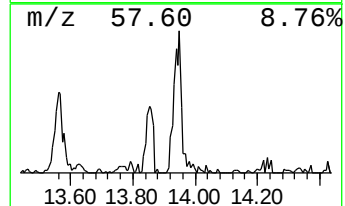
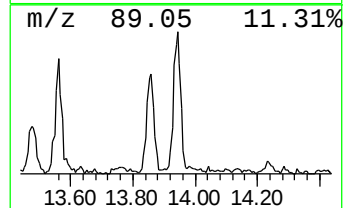
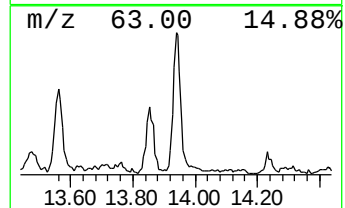
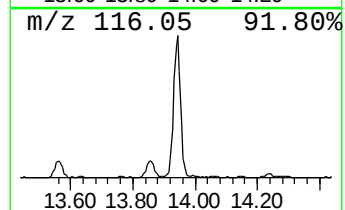
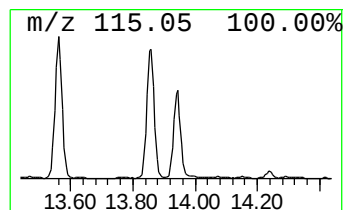
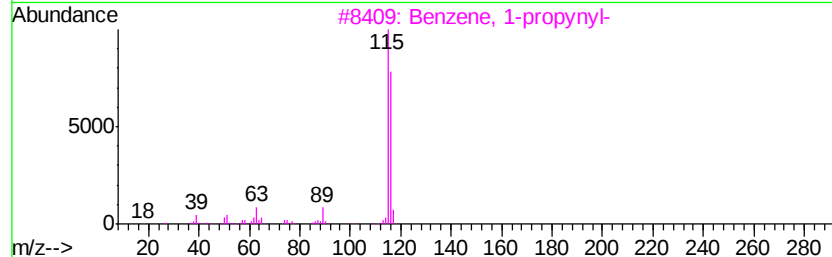
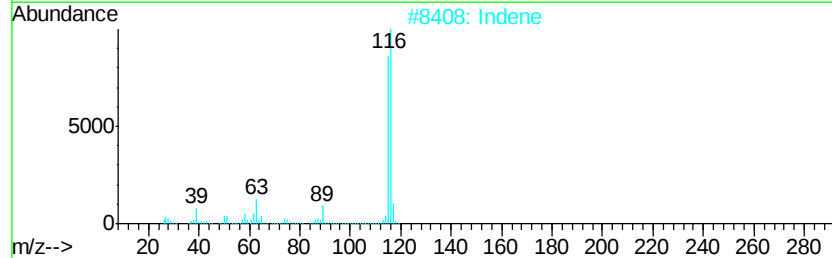
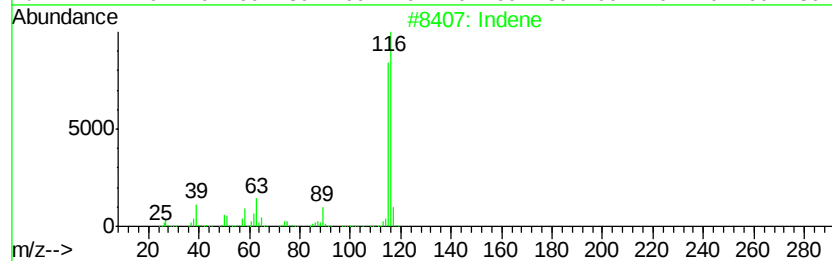
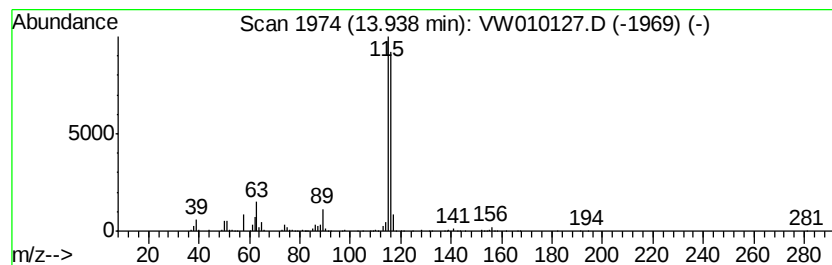
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	5.68 ug/L	314969	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	94
2	Indene		116	C9H8	000095-13-6	94
3	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91
4	3-Methylphenylacetylene		116	C9H8	000766-82-5	91
5	Benzene, 1,2-propadienyl-		116	C9H8	002327-99-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042419\
Data File : VW010127.D
Acq On : 25 Apr 2019 03:50
Operator : SY/VA
Sample : K2481-19
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX2

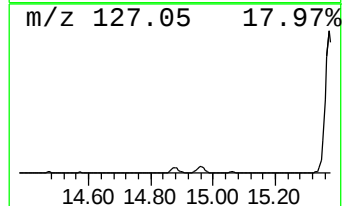
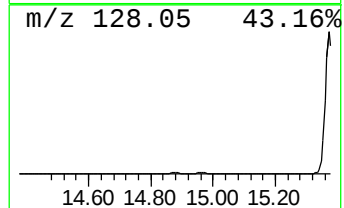
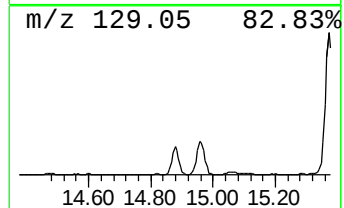
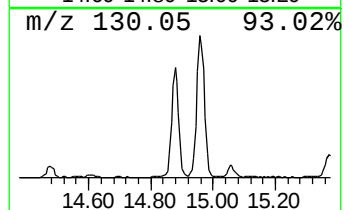
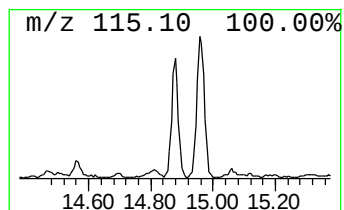
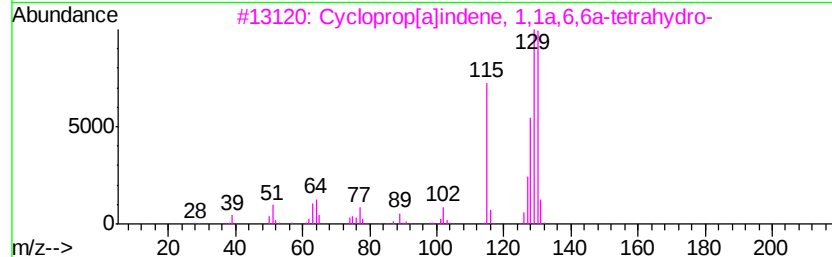
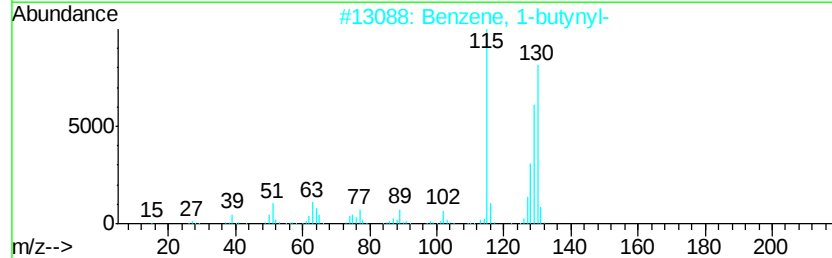
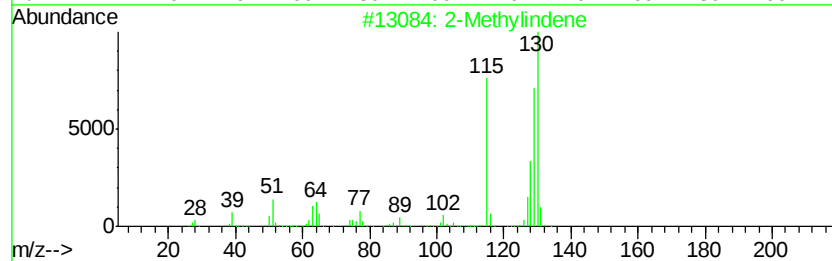
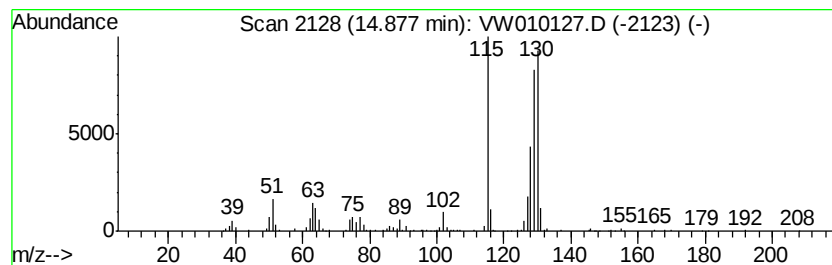
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Quant Title : VOC Analysis

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

Peak Number 5 2-Methylindene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	3.28 ug/L	181921	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Methylindene	130	C10H10	002177-47-1	97
2		Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
3		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4		Benzene, 1-butynyl-	130	C10H10	000622-76-4	93
5		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	92



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042419\
Data File : VW010127.D
Acq On : 25 Apr 2019 03:50
Operator : SY/VA
Sample : K2481-19
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX2

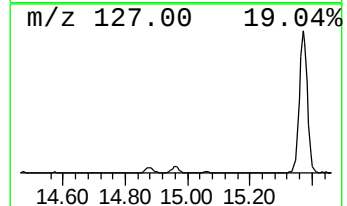
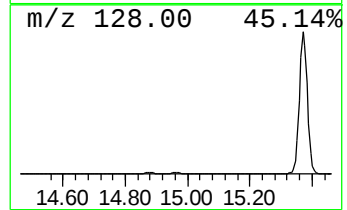
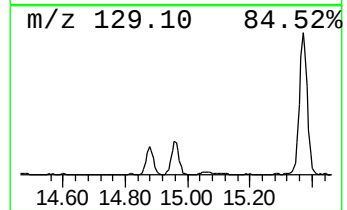
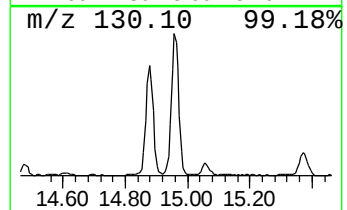
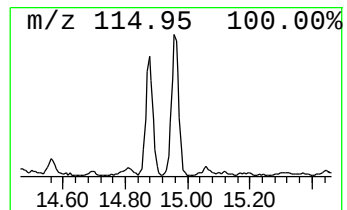
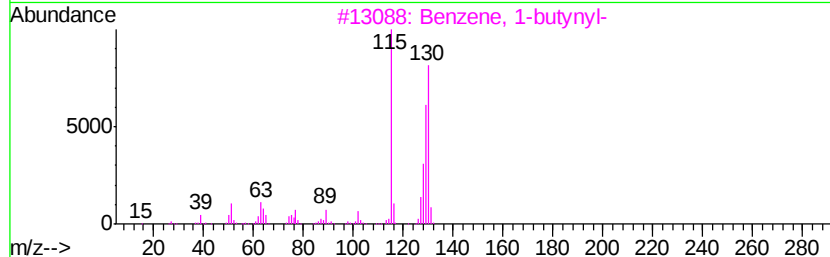
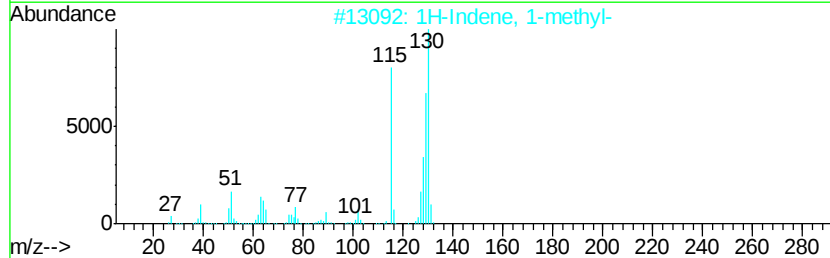
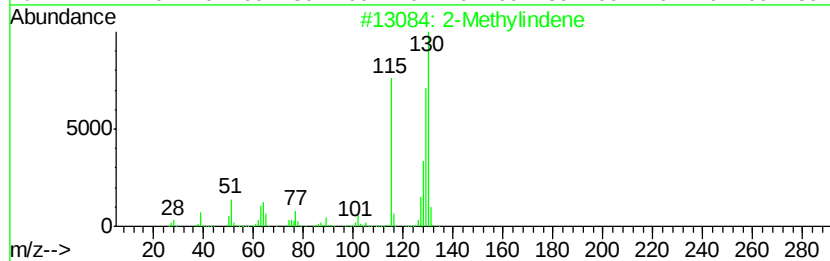
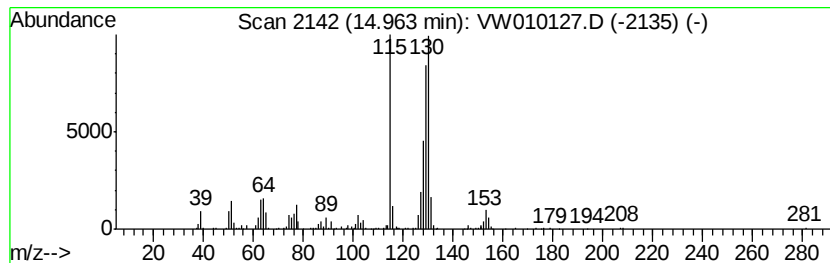
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene,1-methyl-1,2-propad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	4.88 ug/L	270762	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	96
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3		Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
4		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
5		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	92



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042419\
Data File : VW010127.D
Acq On : 25 Apr 2019 03:50
Operator : SY/VA
Sample : K2481-19
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX2

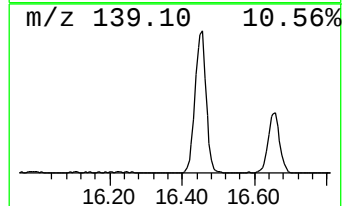
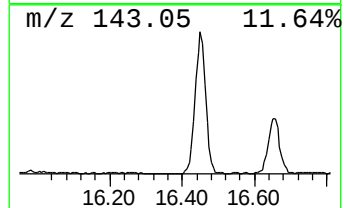
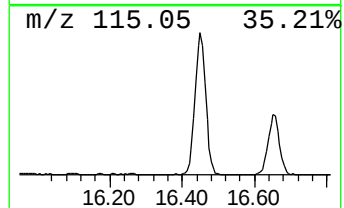
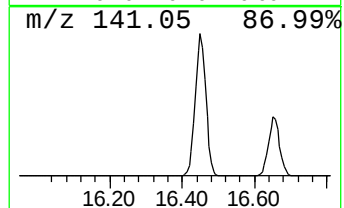
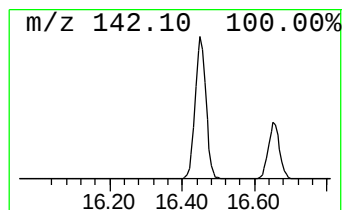
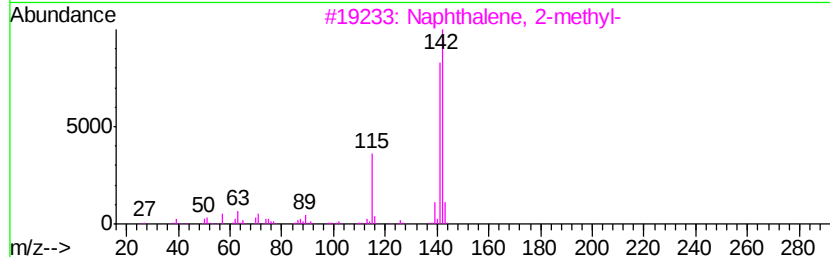
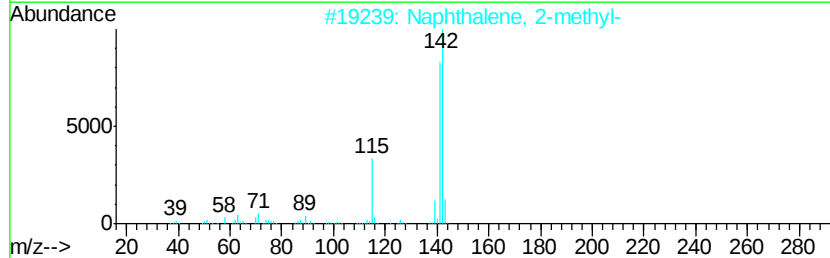
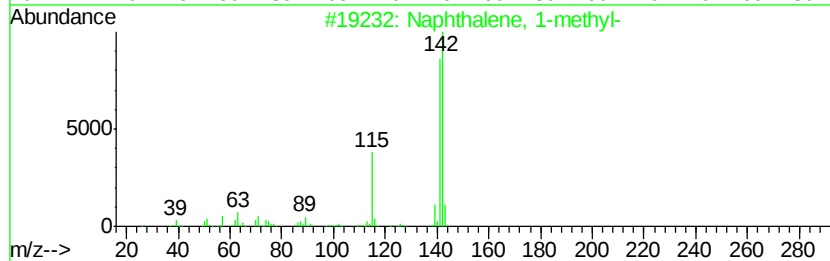
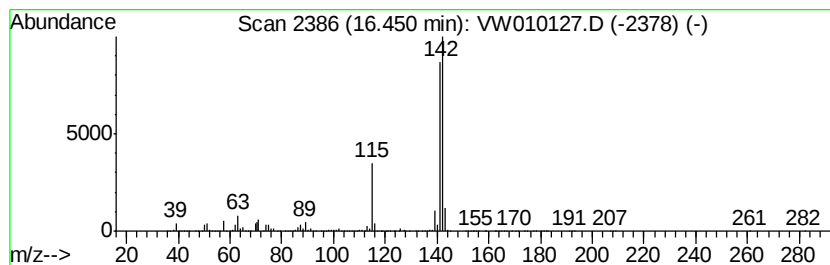
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	47.21 ug/L	2619840	1,4-Dichlorobenzene-d4	13.56

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
Data File : VW010127.D
Acq On : 25 Apr 2019 03:50
Operator : SY/VA
Sample : K2481-19
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHX2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.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
Mesitylene	13.26	1.9	ug/L	106151	3	13.56	1387320	25.0
Benzene, 2-propenyl-	13.30	2.0	ug/L	111583	3	13.56	1387320	25.0
Indene	13.94	5.7	ug/L	314969	3	13.56	1387320	25.0
2-Methylindene	14.88	3.3	ug/L	181921	3	13.56	1387320	25.0
Benzene,1-methyl-...	14.96	4.9	ug/L	270762	3	13.56	1387320	25.0
Naphthalene, 1-me...	16.45	47.2	ug/L	2619840	3	13.56	1387320	25.0