

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042319\
 Data File : VW010095.D
 Acq On : 23 Apr 2019 12:14
 Operator : SY/VA
 Sample : K2456-02
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHQ2

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	2.166	38	43	47	rBV4	12330	22100	0.01%	0.002%
2	2.349	68	73	81	rVB	71750	134522	0.05%	0.014%
3	2.891	156	162	176	rVB2	52366	136325	0.05%	0.015%
4	4.007	334	345	359	rBV	167063	476886	0.16%	0.051%
5	4.391	400	408	413	rBV	7572	19911	0.01%	0.002%
6	4.489	422	424	427	rVV4	1787	2470	0.00%	0.000%
7	4.586	438	440	443	rBV	1286	1582	0.00%	0.000%
8	4.903	481	492	504	rBV3	35336	115719	0.04%	0.012%
9	5.080	518	521	522	rBV	1270	1358	0.00%	0.000%
10	5.434	577	579	582	rVV4	1115	1285	0.00%	0.000%
11	5.940	648	662	671	rBV5	9361	29893	0.01%	0.003%
12	6.409	737	739	746	rVV4	938	1390	0.00%	0.000%
13	7.080	839	849	861	rBV2	46973	139184	0.05%	0.015%
14	7.250	872	877	889	rVV2	9165	23294	0.01%	0.003%
15	7.409	900	903	905	rVB2	1508	1520	0.00%	0.000%
16	7.433	905	907	910	rBV4	983	1202	0.00%	0.000%
17	7.531	918	923	925	rBV2	1004	1423	0.00%	0.000%
18	7.641	930	941	955	rVB	241355	598018	0.20%	0.064%
19	7.793	964	966	969	rVB2	1108	1197	0.00%	0.000%
20	8.012	1001	1002	1008	rVB3	1085	1483	0.00%	0.000%
21	8.275	1033	1045	1061	rBV2	435091	1340336	0.45%	0.144%
22	8.640	1102	1105	1107	rVB4	1126	1284	0.00%	0.000%
23	8.781	1124	1128	1129	rBV3	859	1151	0.00%	0.000%
24	8.842	1129	1138	1148	rBV	426752	831392	0.28%	0.089%
25	9.018	1163	1167	1170	rBV3	1244	1883	0.00%	0.000%
26	9.073	1172	1176	1183	rVB7	3475	8477	0.00%	0.001%
27	9.274	1200	1209	1219	rBV	318981	638819	0.22%	0.069%
28	9.402	1227	1230	1231	rBV2	1514	1392	0.00%	0.000%
29	9.652	1269	1271	1279	rVB5	1867	3368	0.00%	0.000%
30	9.750	1282	1287	1288	rBV5	4309	4690	0.00%	0.001%
31	9.890	1304	1310	1317	rVV2	11610	22611	0.01%	0.002%
32	10.036	1326	1334	1342	rBV	148511	280364	0.10%	0.030%
33	10.250	1364	1369	1373	rVB4	5135	8571	0.00%	0.001%
34	10.323	1373	1381	1387	rBV	513941	900987	0.31%	0.097%

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 Title : VOC Analysis

35	10.384	1387	1391	1399	rVB	102584	181323	0.06%	0.020%
36	10.500	1406	1410	1415	rVB6	2250	3747	0.00%	0.000%
37	10.579	1415	1423	1431	rBV	102221	179861	0.06%	0.019%
38	10.707	1439	1444	1450	rVB2	6543	11465	0.00%	0.001%
39	10.762	1450	1453	1460	rVB8	2308	4846	0.00%	0.001%
40	10.853	1463	1468	1473	rBV6	4209	8333	0.00%	0.001%
41	10.927	1473	1480	1488	rBV	184128	307809	0.10%	0.033%
42	11.073	1498	1504	1514	rVV3	24214	43693	0.01%	0.005%
43	11.170	1518	1520	1526	rVB6	1176	2181	0.00%	0.000%
44	11.390	1552	1556	1557	rVV3	975	1197	0.00%	0.000%
45	11.408	1557	1559	1566	rVB6	2000	2886	0.00%	0.000%
46	11.518	1573	1577	1579	rVB5	1203	1681	0.00%	0.000%
47	11.634	1586	1596	1603	rBV	503687	857994	0.29%	0.092%
48	11.731	1606	1612	1618	rVV	66769	111506	0.04%	0.012%
49	11.835	1622	1629	1644	rVB	408813	767247	0.26%	0.083%
50	11.975	1650	1652	1656	rVB4	2998	3506	0.00%	0.000%
51	12.012	1656	1658	1660	rBV3	1078	1223	0.00%	0.000%
52	12.115	1667	1675	1676	rBV6	1498	2671	0.00%	0.000%
53	12.170	1677	1684	1692	rVV3	566031	1157345	0.39%	0.124%
54	12.237	1692	1695	1696	rVB3	1315	1403	0.00%	0.000%
55	12.347	1704	1713	1718	rBV10	5603	13639	0.00%	0.001%
56	12.469	1728	1733	1739	rBV3	7487	13168	0.00%	0.001%
57	12.609	1749	1756	1763	rBV4	11876	25780	0.01%	0.003%
58	12.695	1763	1770	1775	rBV	215348	345997	0.12%	0.037%
59	12.743	1775	1778	1783	rVB	25655	35539	0.01%	0.004%
60	12.804	1783	1788	1792	rBV	41636	63541	0.02%	0.007%
61	12.871	1792	1799	1802	rBV	1296057	2060389	0.70%	0.222%
62	12.902	1802	1804	1807	rVV	586278	792451	0.27%	0.085%
63	12.944	1807	1811	1822	rVB	4795104	7089235	2.40%	0.762%
64	13.109	1831	1838	1846	rBV	1680280	2818962	0.96%	0.303%
65	13.255	1850	1862	1866	rBV	11828351	18682825	6.33%	2.009%
66	13.304	1866	1870	1875	rVV	6313545	9245742	3.13%	0.994%
67	13.353	1875	1878	1886	rVB	2041635	3160103	1.07%	0.340%
68	13.444	1889	1893	1898	rBV	343510	503668	0.17%	0.054%
69	13.505	1898	1903	1908	rVB	222949	371181	0.13%	0.040%
70	13.591	1908	1917	1932	rBV2	9996445	17785358	6.03%	1.913%
71	13.725	1932	1939	1940	rBV2	1050154	1675040	0.57%	0.180%

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72	13.761	1940	1945	1948	rVV2	3281068	6051106	2.05%	0.651%
73	13.792	1948	1950	1956	rVB2	3172658	4266221	1.45%	0.459%
74	13.877	1957	1964	1969	rVB4	644524	1567554	0.53%	0.169%
75	13.944	1969	1975	1981	rBV	5325318	8963765	3.04%	0.964%
76	14.017	1982	1987	1988	rBV	1260012	1670345	0.57%	0.180%
77	14.042	1988	1991	1997	rVV2	1821908	3529778	1.20%	0.380%
78	14.103	1997	2001	2004	rVV	2500352	3545032	1.20%	0.381%
79	14.145	2004	2008	2014	rVB	1522939	2803020	0.95%	0.301%
80	14.237	2014	2023	2028	rBV	6797597	11832515	4.01%	1.273%
81	14.292	2028	2032	2036	rVB2	1179452	1774784	0.60%	0.191%
82	14.341	2036	2040	2045	rVB	1113467	1584072	0.54%	0.170%
83	14.426	2045	2054	2057	rBV	4105268	7592405	2.57%	0.817%
84	14.462	2057	2060	2065	rVV2	8048856	13369510	4.53%	1.438%
85	14.505	2065	2067	2071	rVV	2067253	2877176	0.98%	0.309%
86	14.560	2071	2076	2081	rVB3	4456589	7476659	2.54%	0.804%
87	14.694	2094	2098	2102	rBV	2862953	4928389	1.67%	0.530%
88	14.737	2102	2105	2110	rVB	3360255	4537256	1.54%	0.488%
89	14.804	2110	2116	2122	rBV2	11426223	23672246	8.03%	2.546%
90	14.877	2122	2128	2136	rVV3	5715701	11511121	3.90%	1.238%
91	14.962	2136	2142	2149	rVB	14220921	23637008	8.01%	2.542%
92	15.389	2203	2212	2213	rBV4	109546262	219888634	74.56%	23.650%
93	15.487	2222	2228	2234	rBV	8908745	15849006	5.37%	1.705%
94	15.566	2237	2241	2249	rVB	3680706	6204030	2.10%	0.667%
95	15.962	2302	2306	2313	rBV3	638883	1379631	0.47%	0.148%
96	16.298	2358	2361	2368	rVB	447011	766115	0.26%	0.082%
97	16.389	2369	2376	2379	rVV	2329416	5043973	1.71%	0.542%
98	16.468	2379	2389	2401	rVV4	100889626	294927135	100.00%	31.720%
99	16.578	2402	2407	2412	rVV	924473	2221154	0.75%	0.239%
100	16.663	2412	2421	2434	rVB2	64943051	162217169	55.00%	17.447%

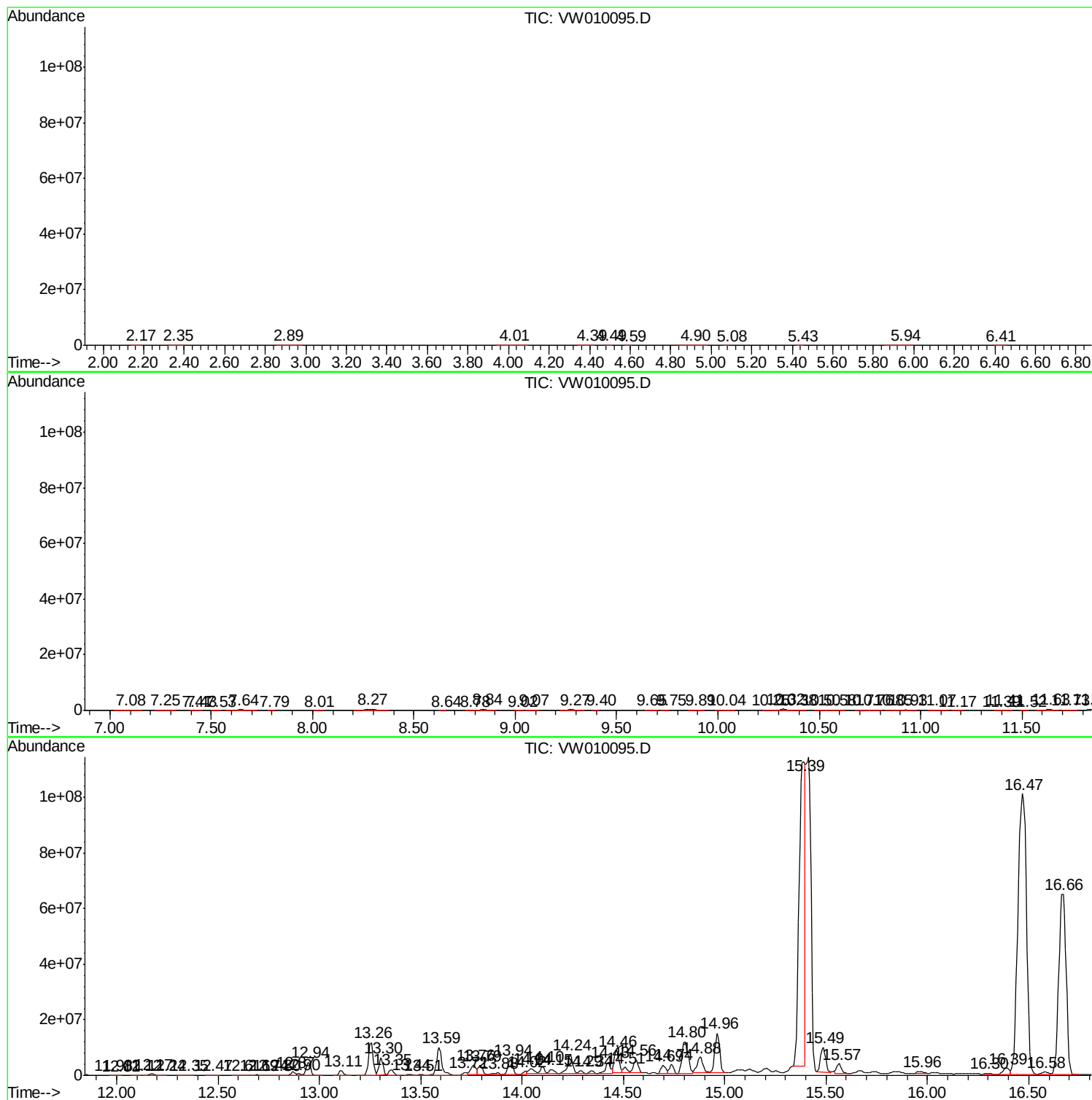
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Instrument :
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ClientSampleId :
GAHQ2

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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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAHQ2

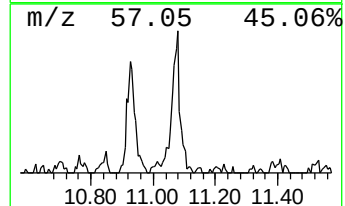
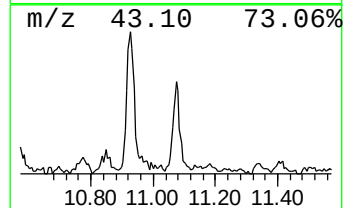
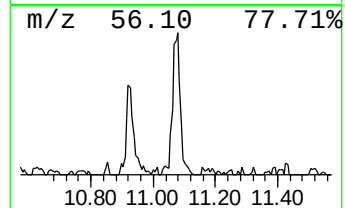
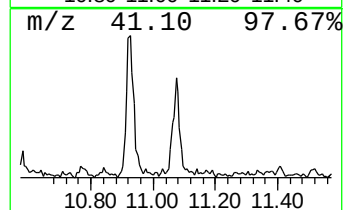
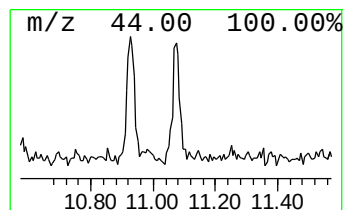
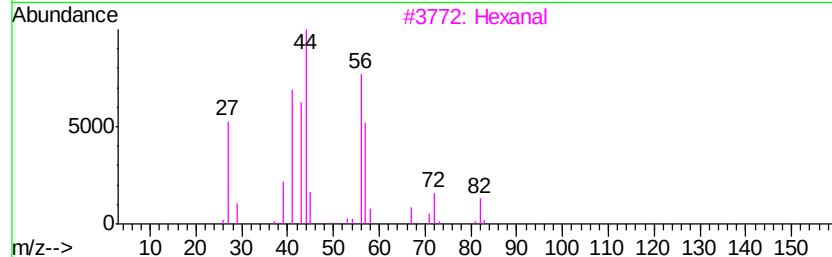
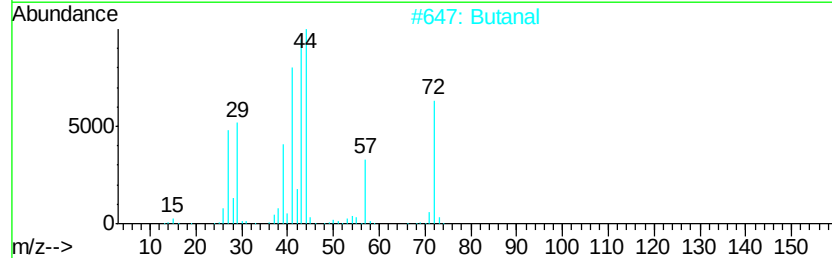
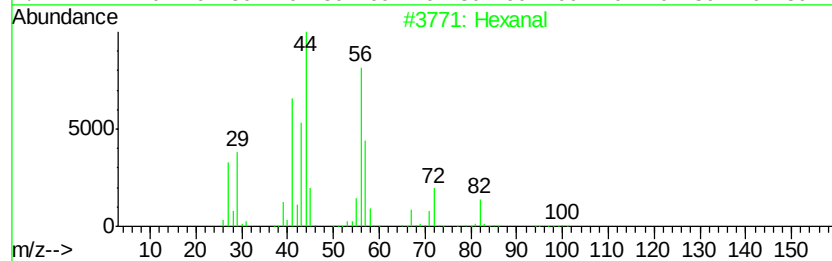
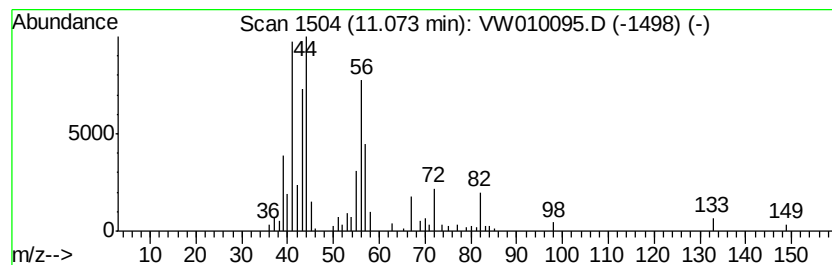
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 2 Hexanal Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	1.27 ug/L	43693	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	53
2		Butanal	72	C4H8O	000123-72-8	46
3		Hexanal	100	C6H12O	000066-25-1	42
4		3-Buten-1-ol, 3-methyl-	86	C5H10O	000763-32-6	35
5		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	35



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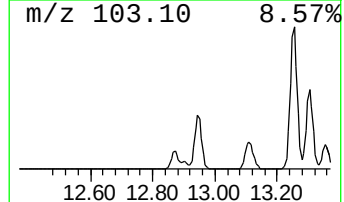
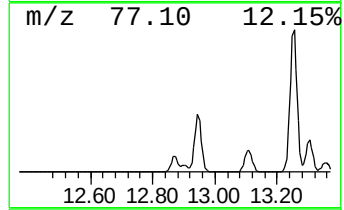
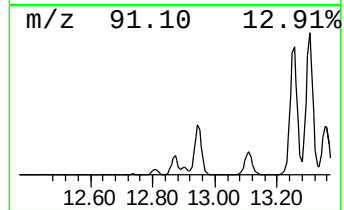
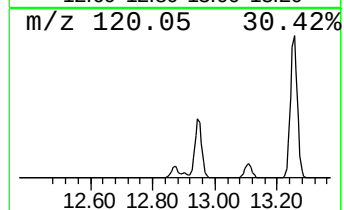
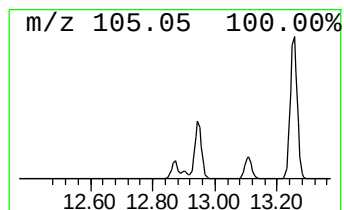
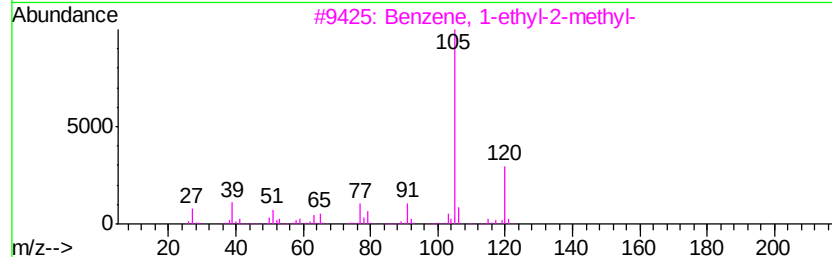
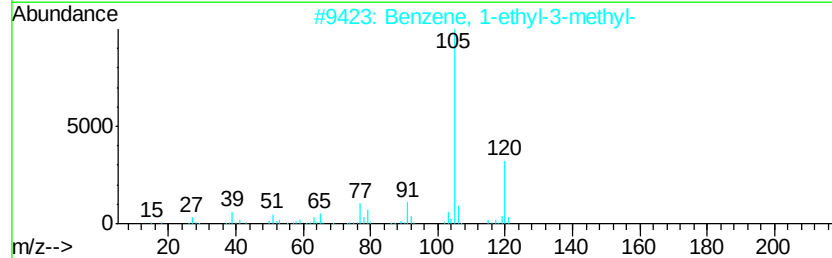
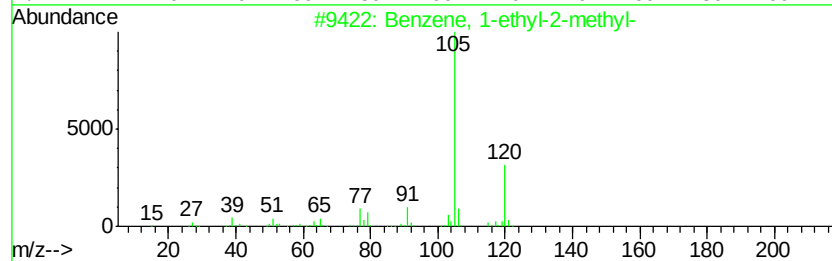
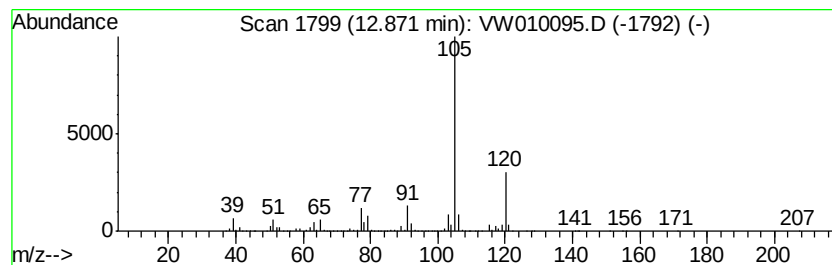
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	2.90 ug/L	2060390	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94



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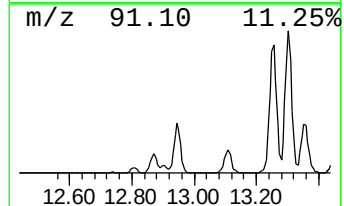
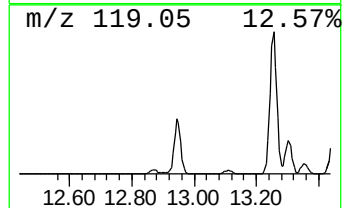
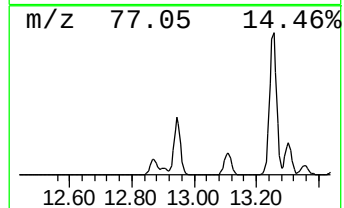
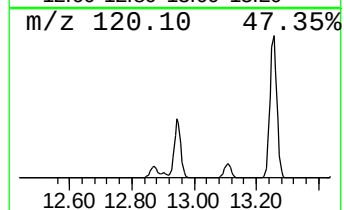
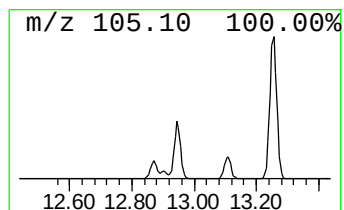
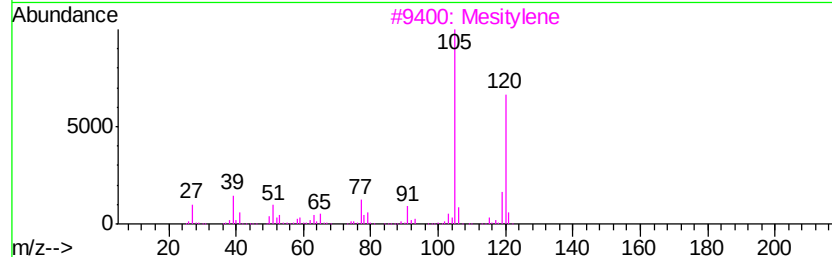
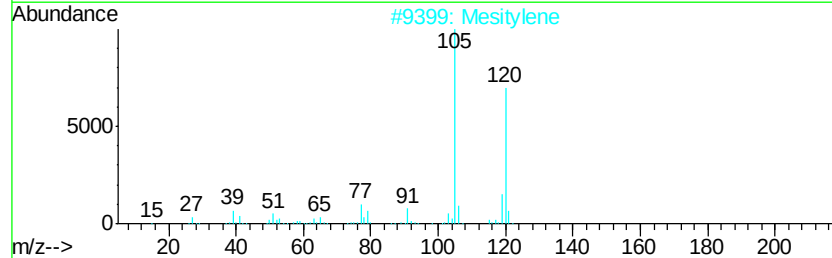
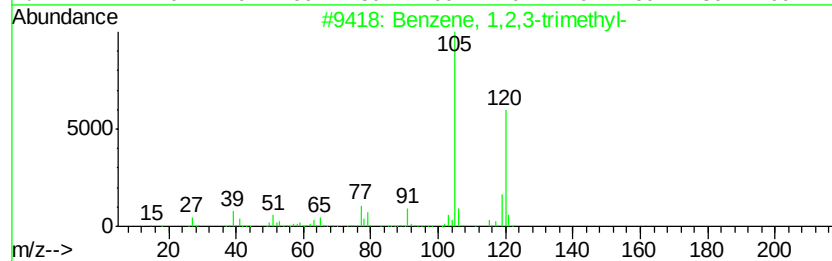
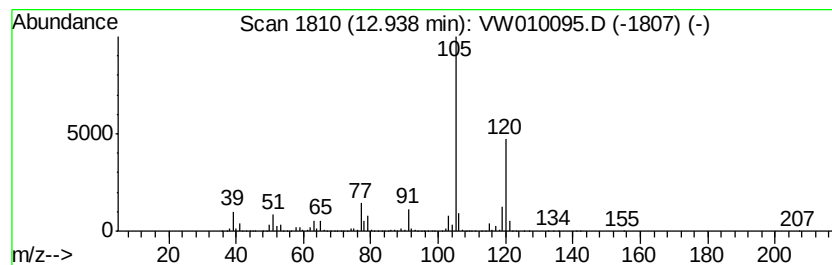
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Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	9.96 ug/L	7089240	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	97
2		Mesitylene	120	C9H12	000108-67-8	95
3		Mesitylene	120	C9H12	000108-67-8	95
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
5		Mesitylene	120	C9H12	000108-67-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ2

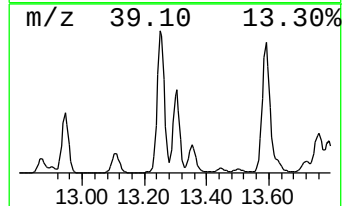
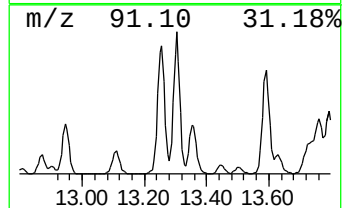
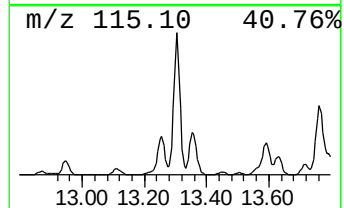
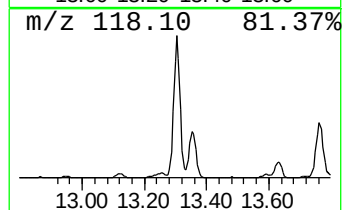
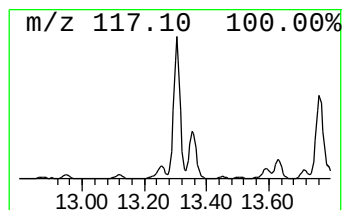
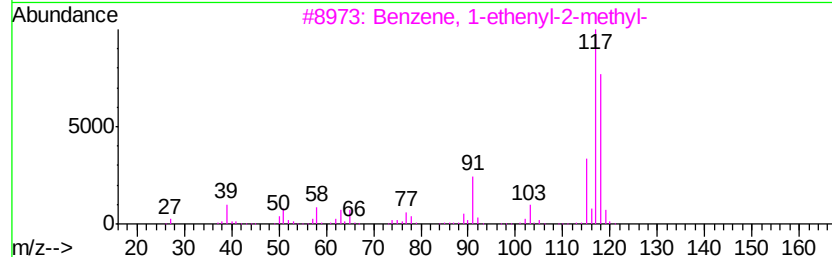
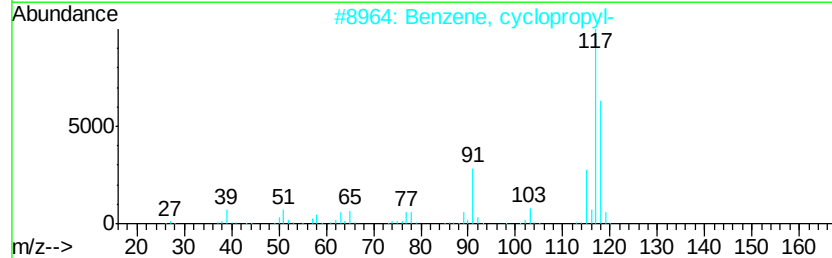
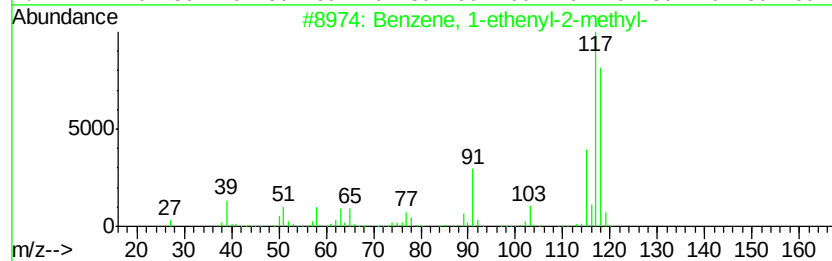
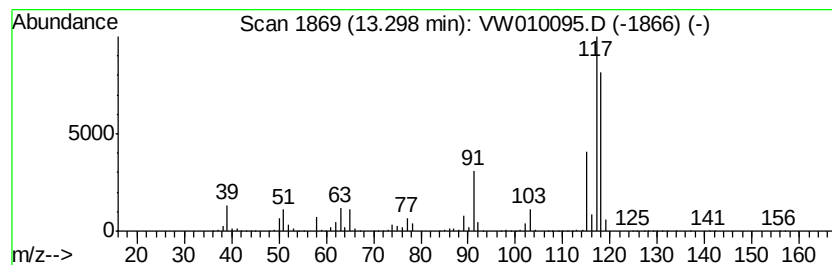
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1-ethenyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	13.00 ug/L	9245740	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	90
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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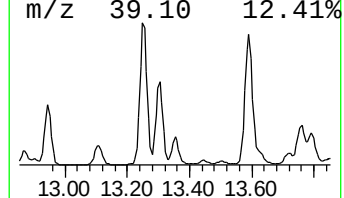
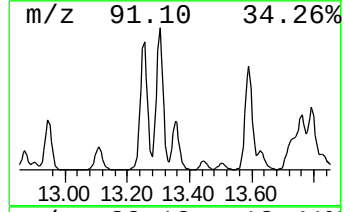
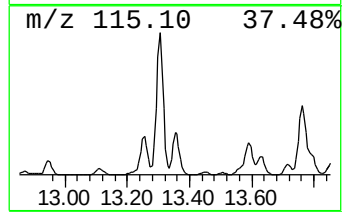
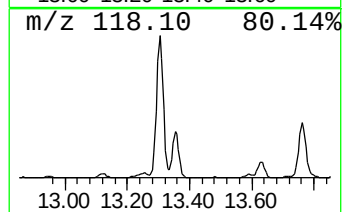
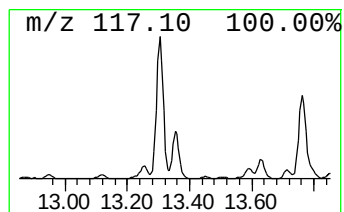
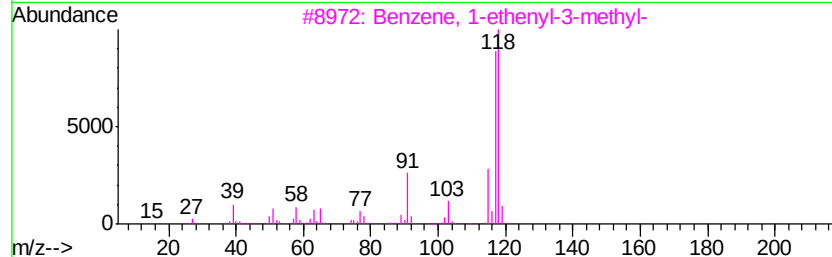
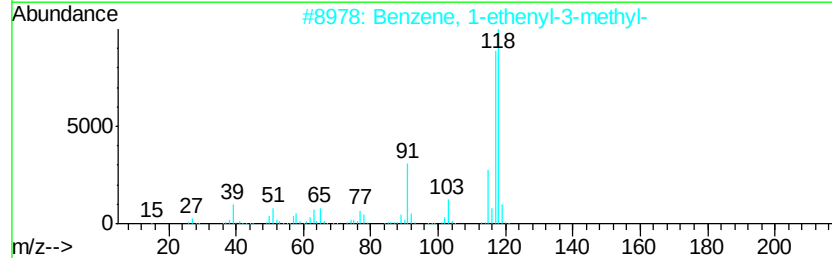
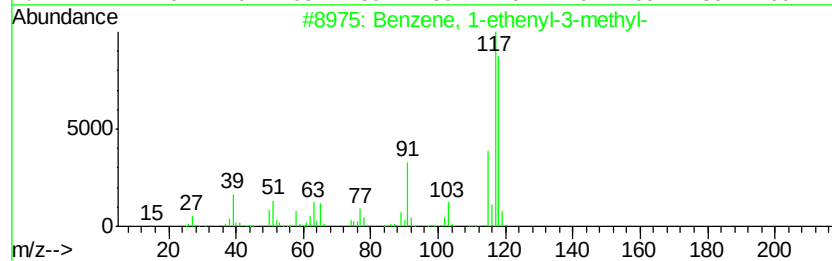
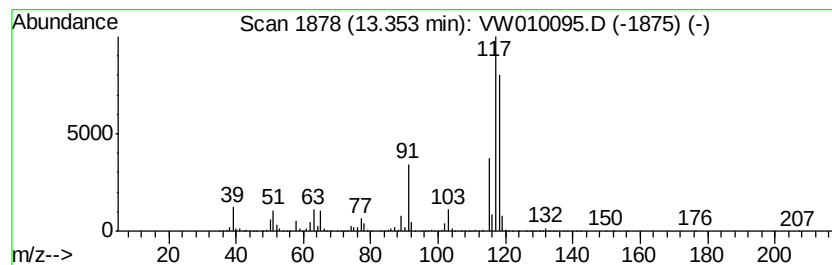
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1-ethenyl-3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	4.44 ug/L	3160100	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
3		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

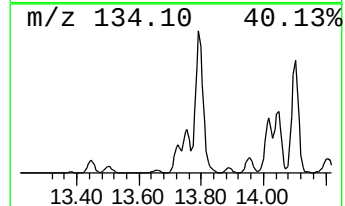
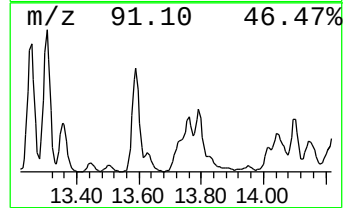
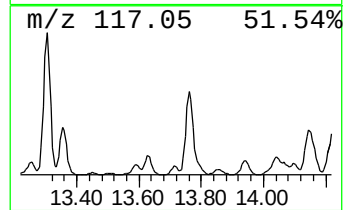
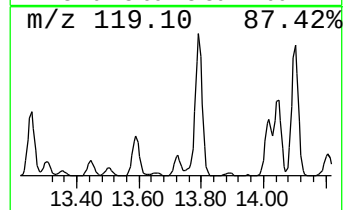
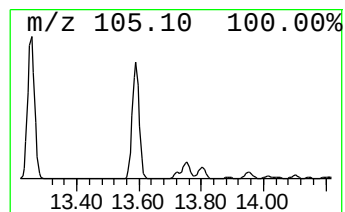
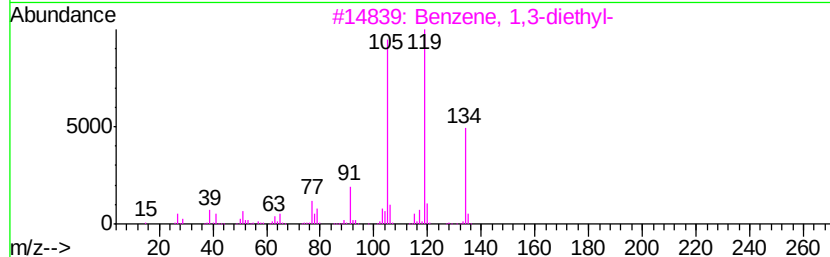
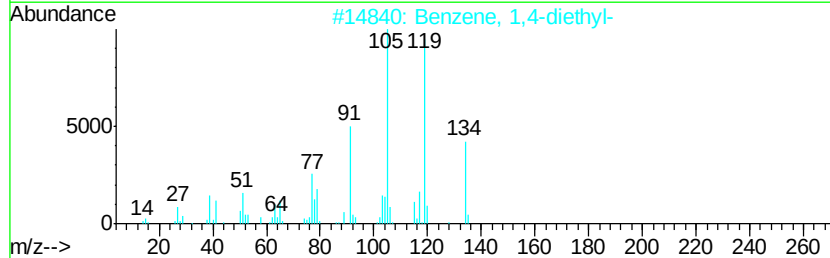
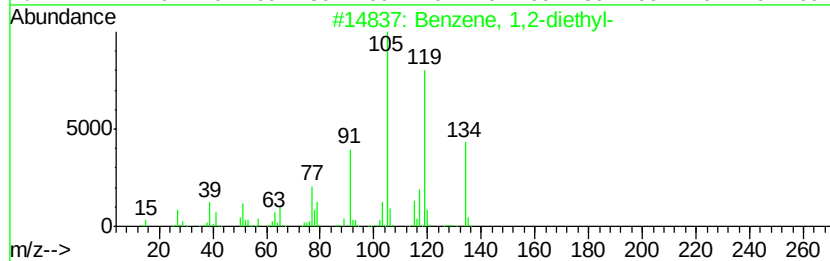
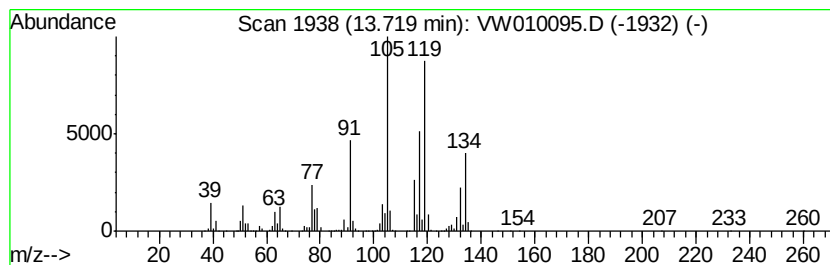
Instrument :
MSVOA_W
ClientSampleId :
GAHQ2

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, 1,2-diethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	2.35 ug/L	1675040	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,2-diethyl-	134 C10H14	000135-01-3 94
2		Benzene, 1,4-diethyl-	134 C10H14	000105-05-5 94
3		Benzene, 1,3-diethyl-	134 C10H14	000141-93-5 87
4		Benzene, 1,2-diethyl-	134 C10H14	000135-01-3 87
5		Benzene, 1,3-diethyl-	134 C10H14	000141-93-5 87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ2

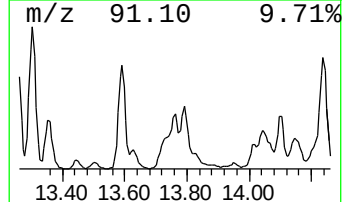
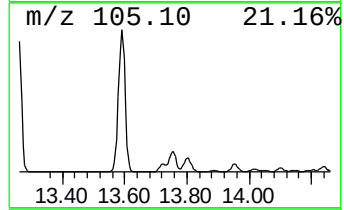
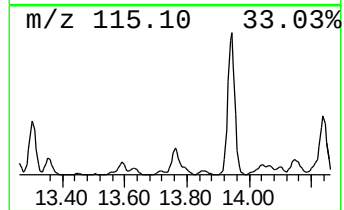
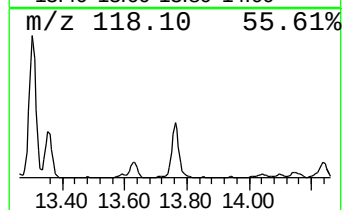
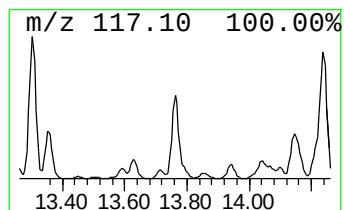
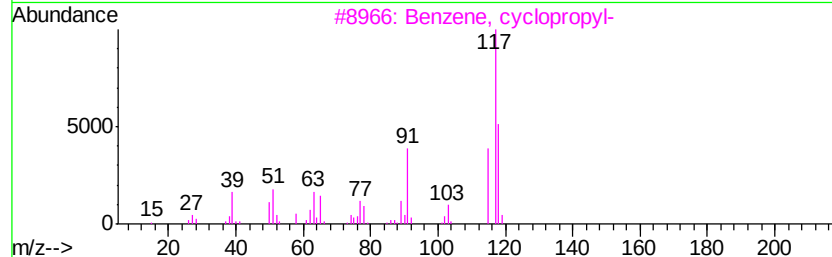
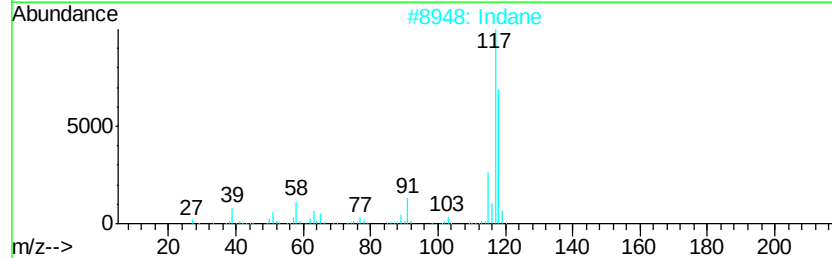
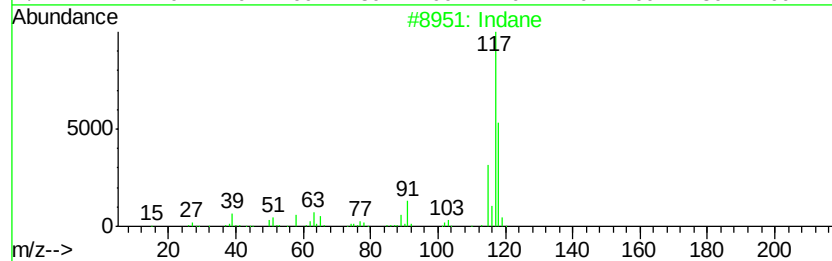
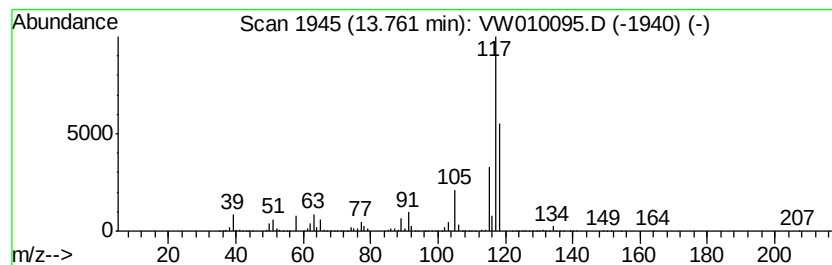
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Quant Title : VOC Analysis

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

Peak Number 10 Indane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	8.51 ug/L	6051110	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	93
2		Indane	118	C9H10	000496-11-7	76
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	62
4		Deltacyclene	118	C9H10	007785-10-6	53
5		Benzene, 1-propenyl-	118	C9H10	000637-50-3	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ2

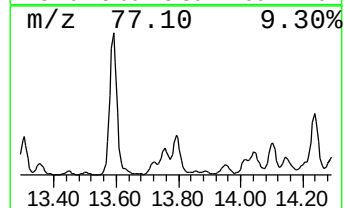
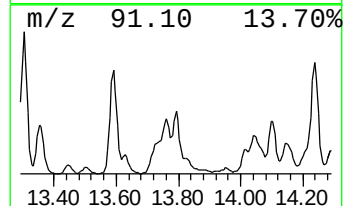
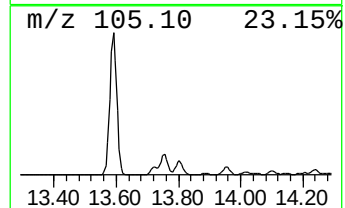
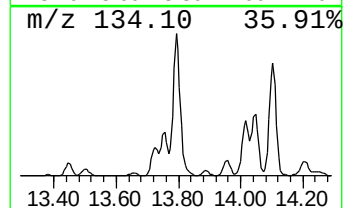
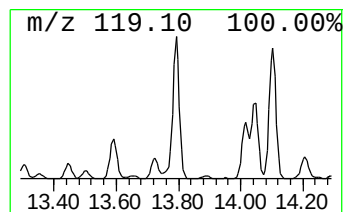
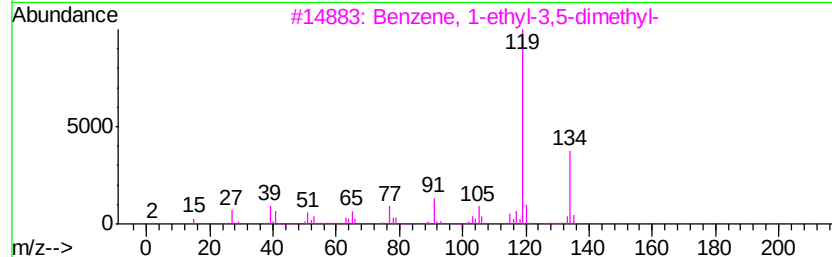
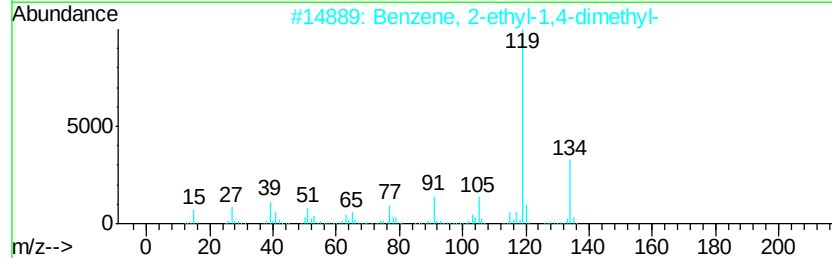
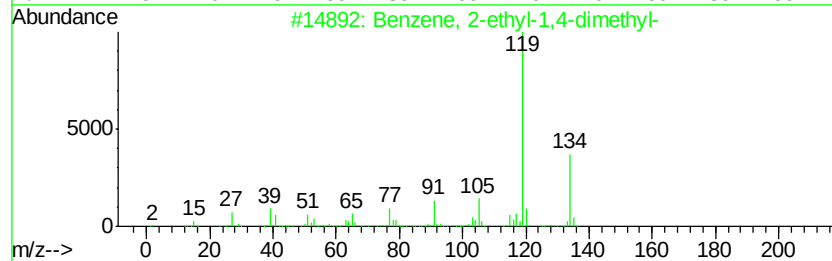
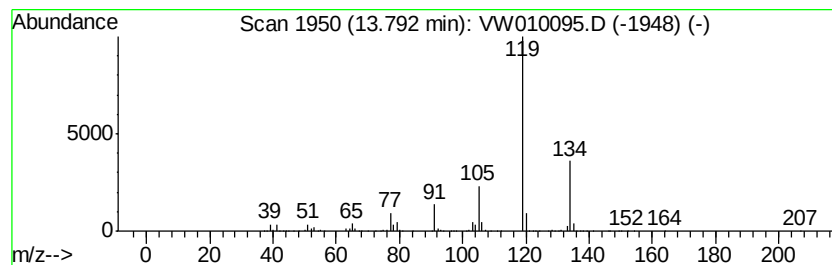
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	6.00 ug/L	4266220	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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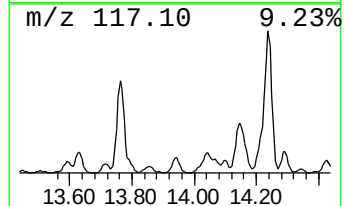
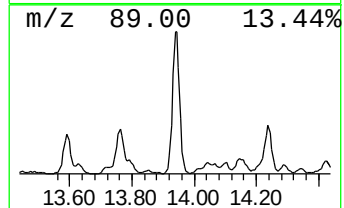
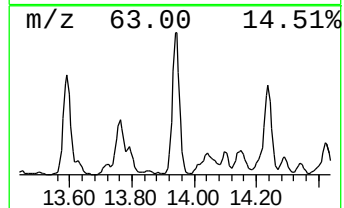
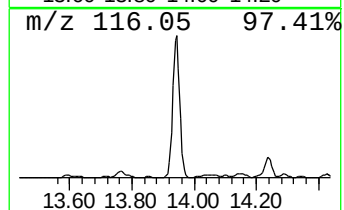
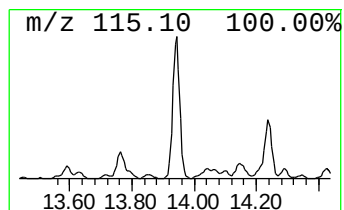
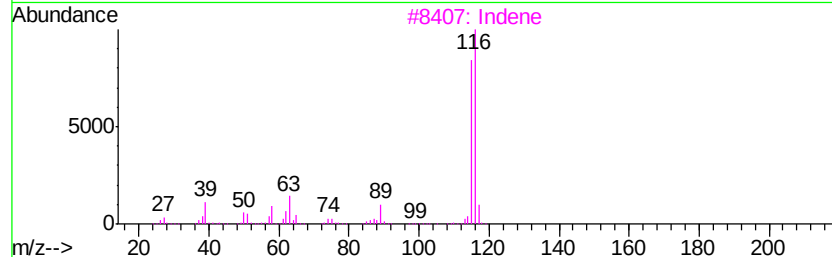
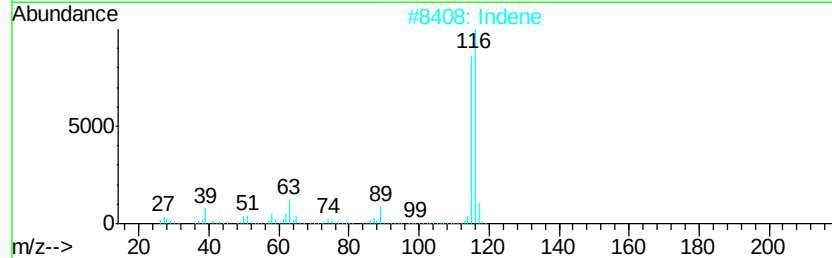
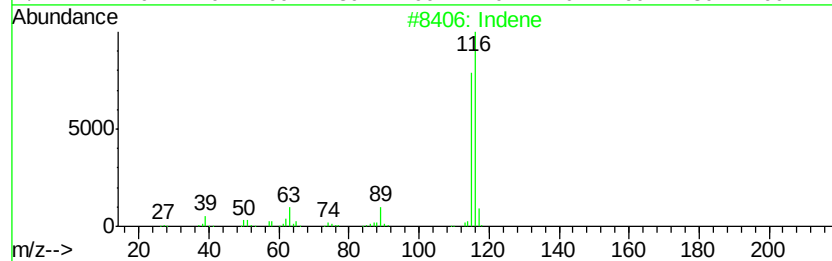
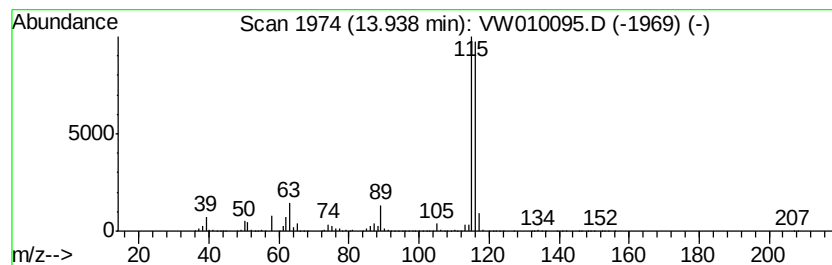
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Quant Title : VOC Analysis

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

Peak Number 12 Indene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	12.60 ug/L	8963770	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Indene	116	C9H8	000095-13-6	96
3		Indene	116	C9H8	000095-13-6	94
4		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ2

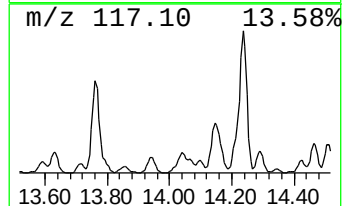
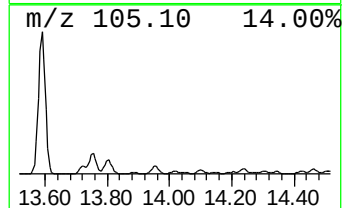
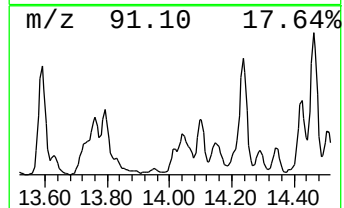
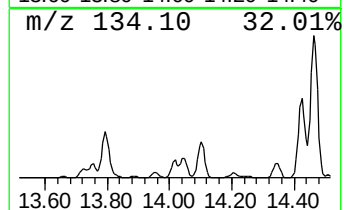
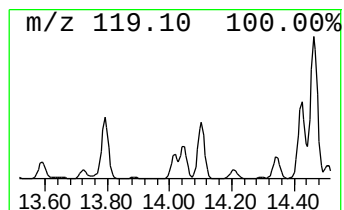
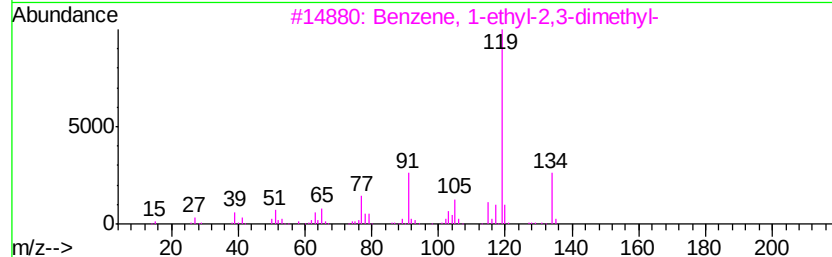
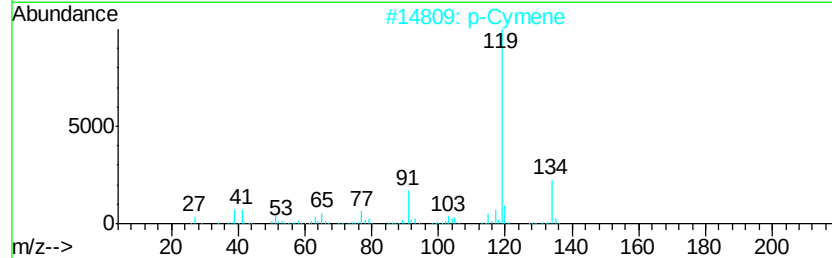
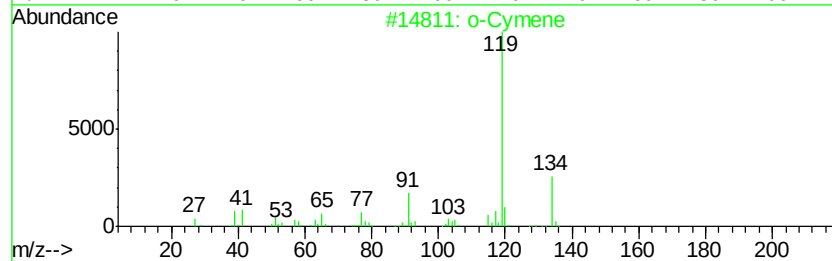
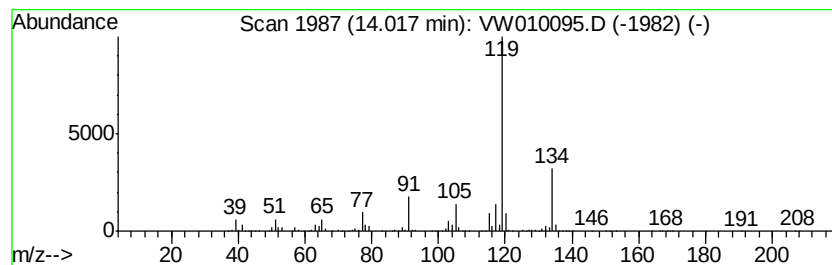
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Quant Title : VOC Analysis

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

Peak Number 13 o-Cymene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.35 ug/L	1670350	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		p-Cymene	134	C10H14	000099-87-6	95
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4		o-Cymene	134	C10H14	000527-84-4	94
5		o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ2

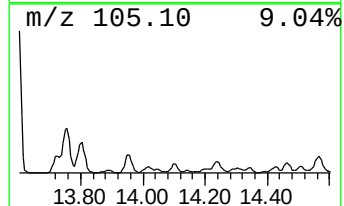
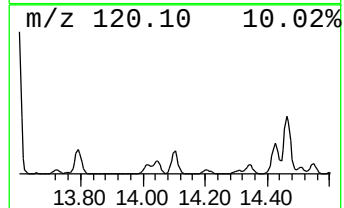
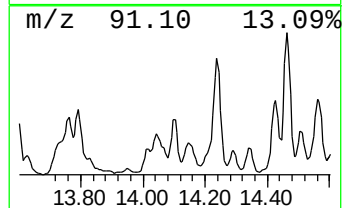
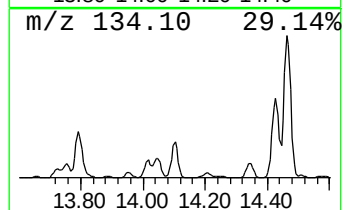
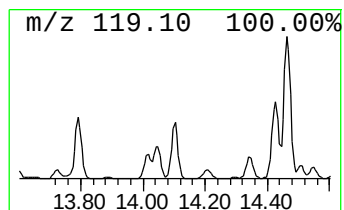
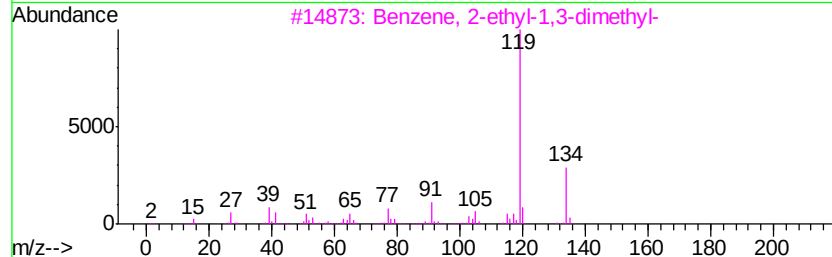
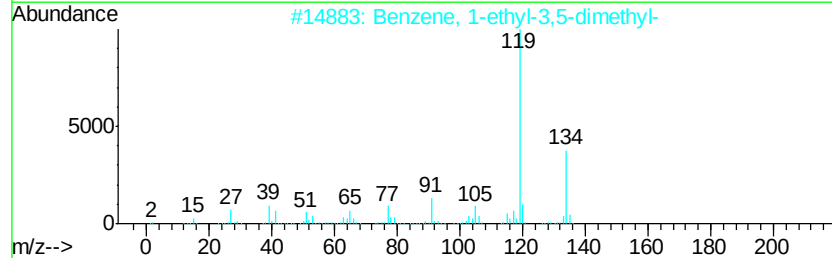
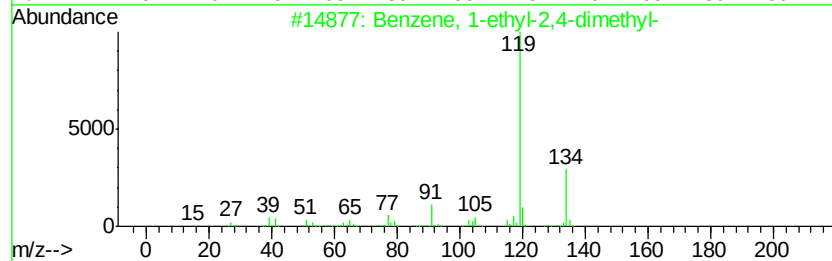
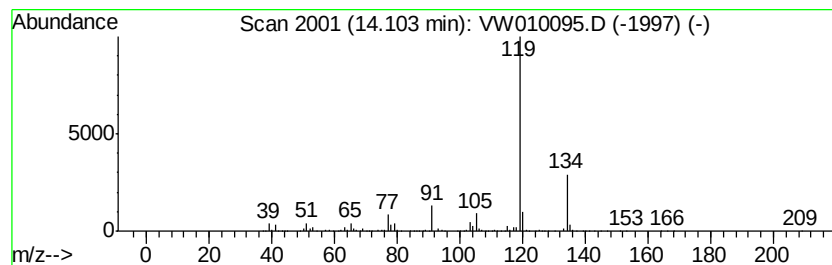
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	4.98 ug/L	3545030	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ2

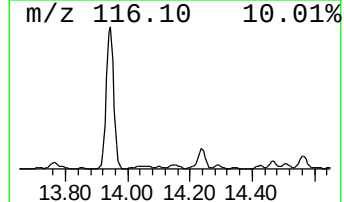
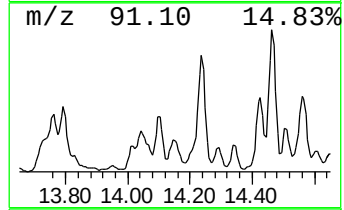
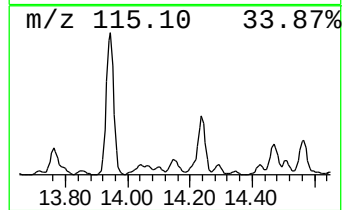
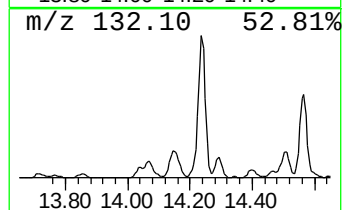
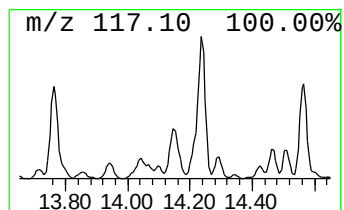
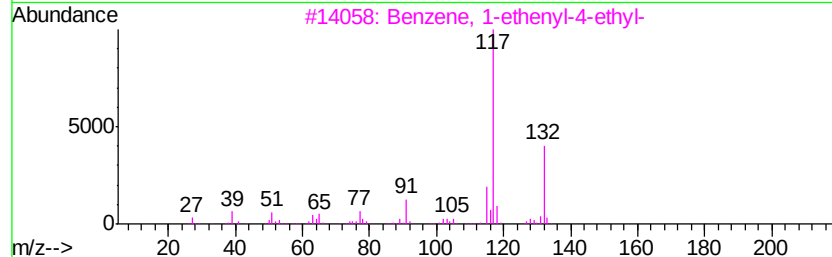
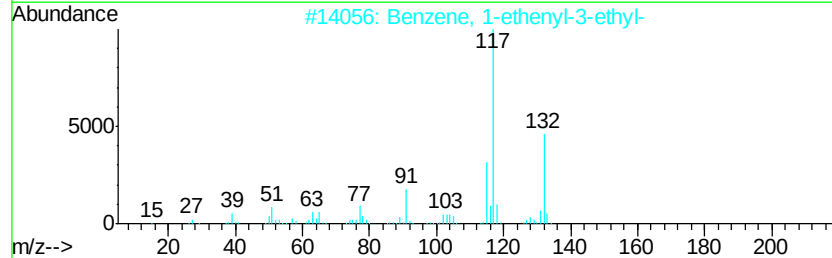
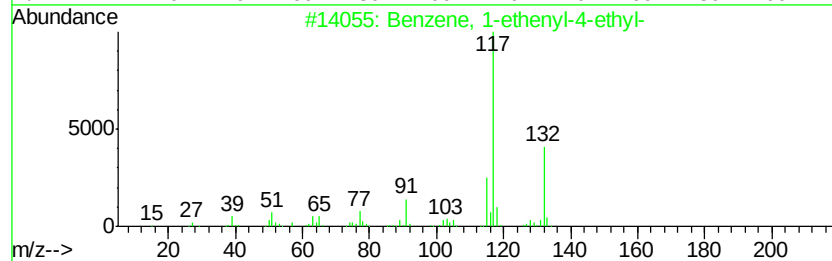
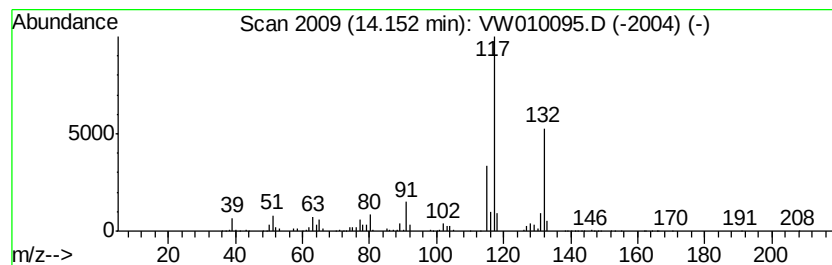
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	3.94 ug/L	2803020	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	94
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
5		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ2

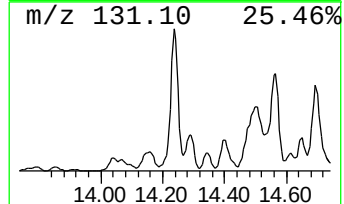
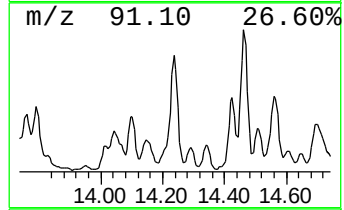
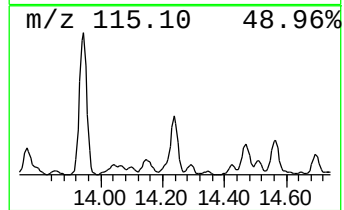
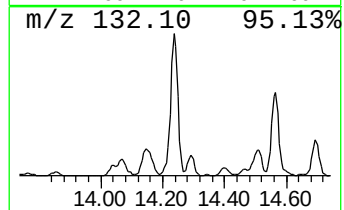
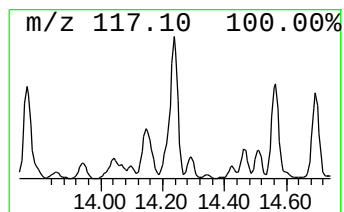
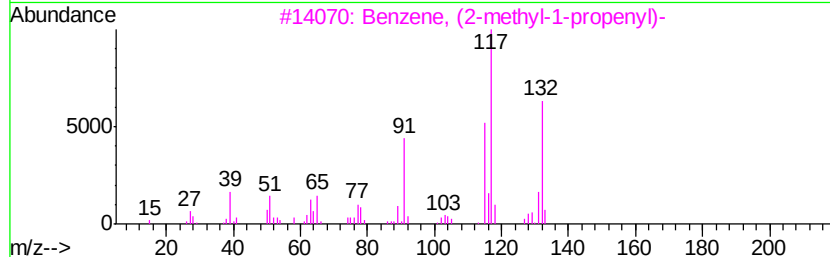
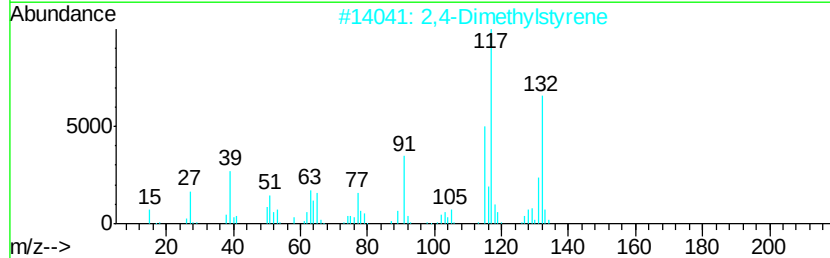
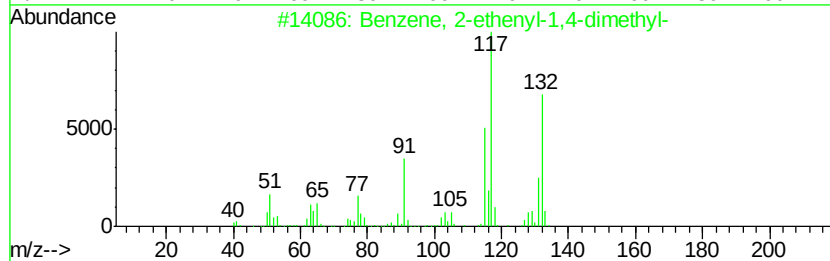
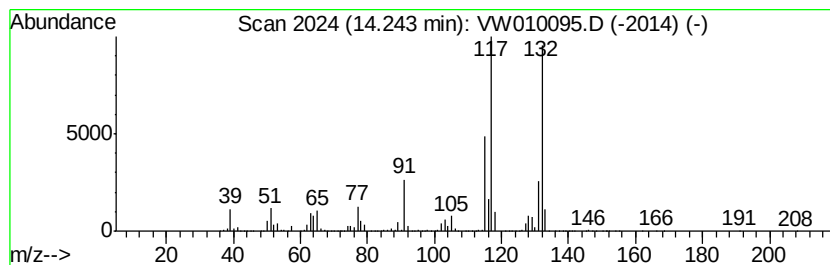
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	16.63 ug/L	11832500	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	97
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
4		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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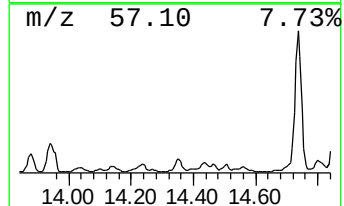
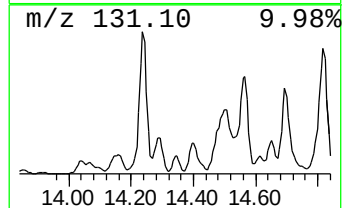
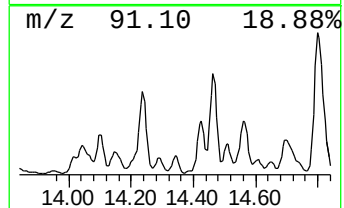
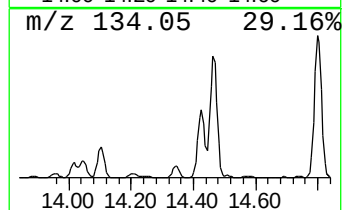
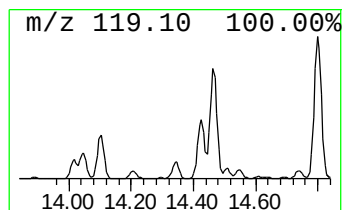
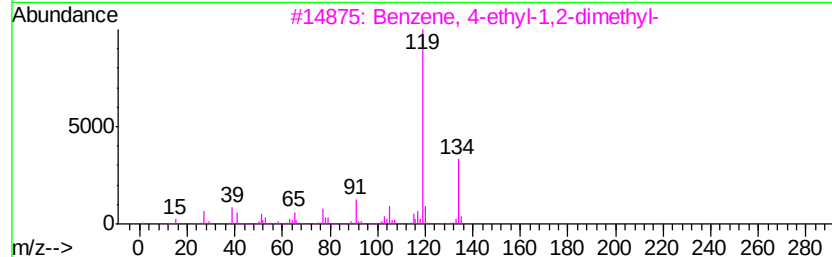
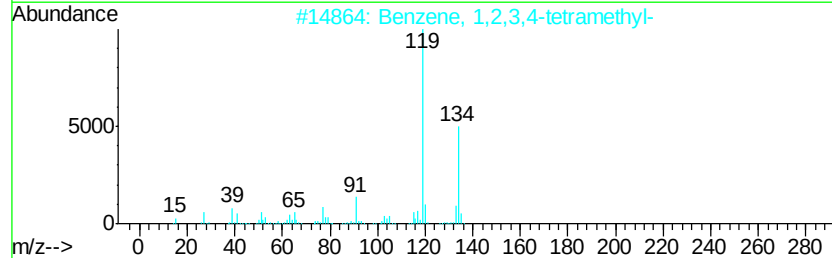
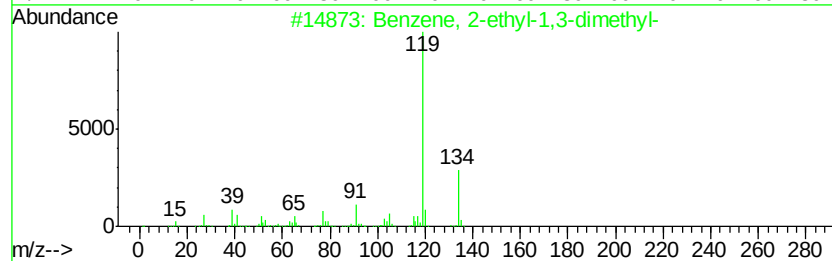
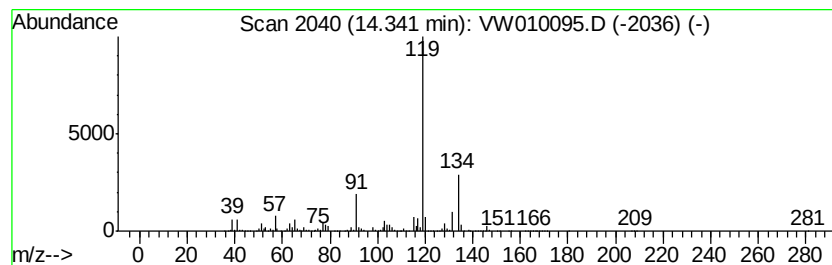
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Quant Title : VOC Analysis

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

Peak Number 19 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	2.23 ug/L	1584070	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ2

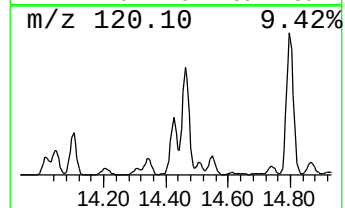
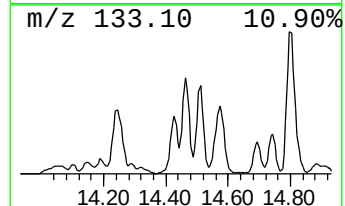
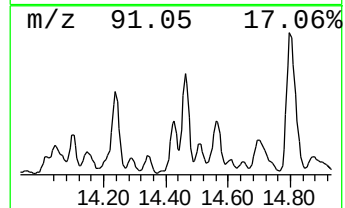
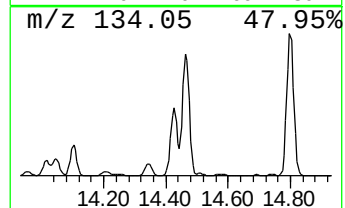
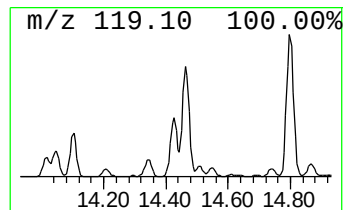
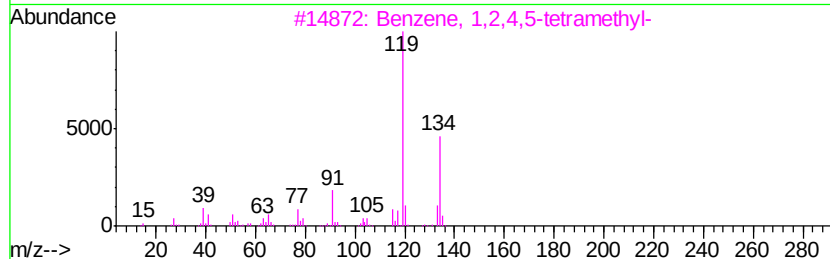
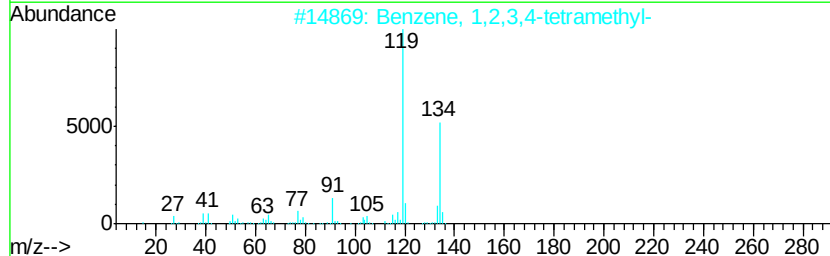
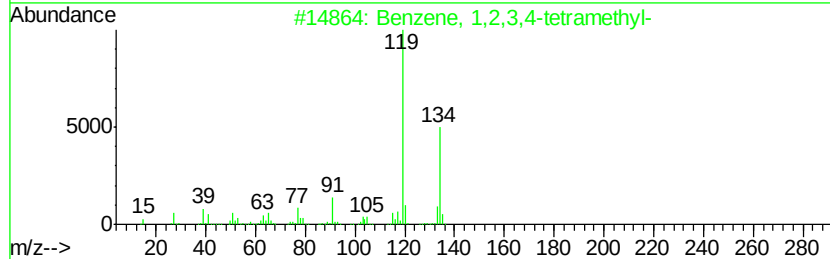
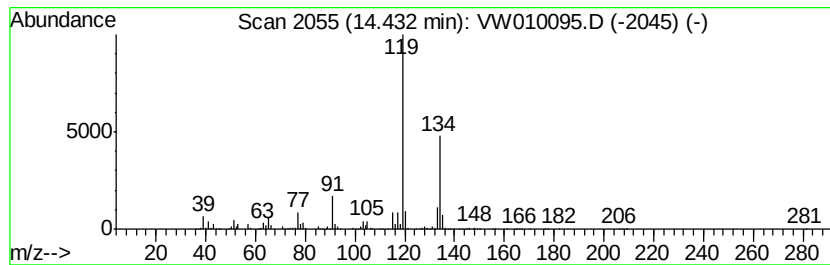
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Quant Title : VOC Analysis

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

Peak Number 20 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	10.67 ug/L	7592410	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ2

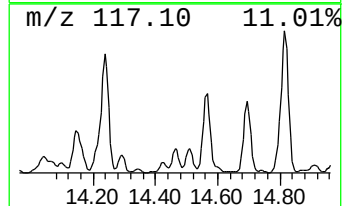
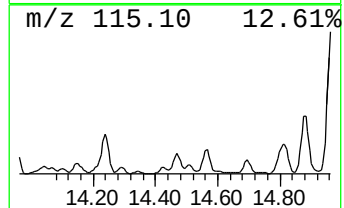
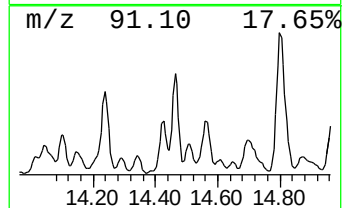
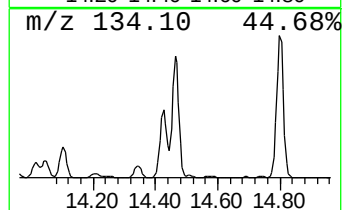
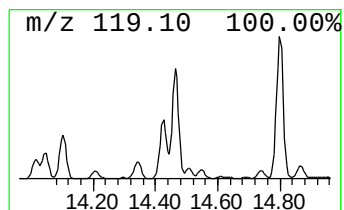
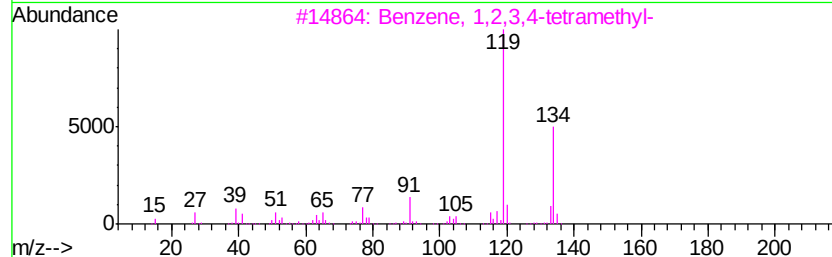
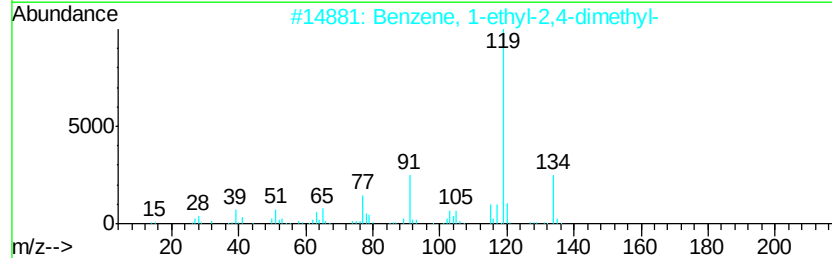
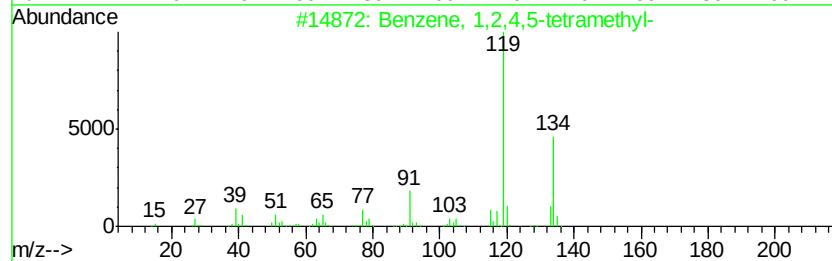
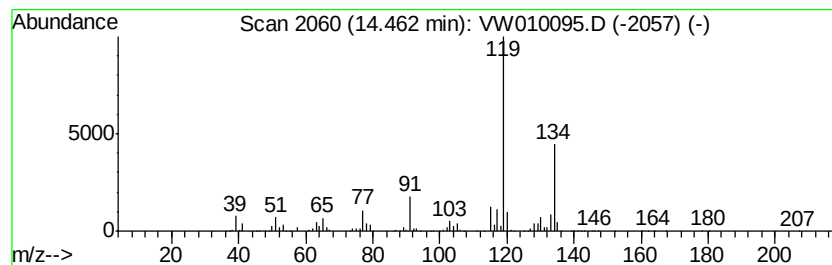
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Quant Title : VOC Analysis

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

Peak Number 21 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	18.79 ug/L	13369500	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	95
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4		o-Cymene	134	C10H14	000527-84-4	94
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAHQ2

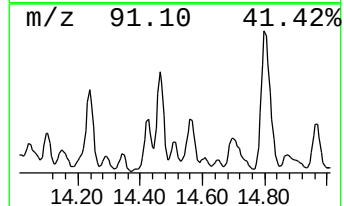
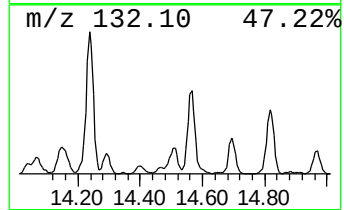
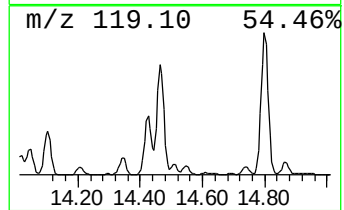
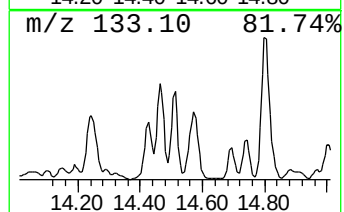
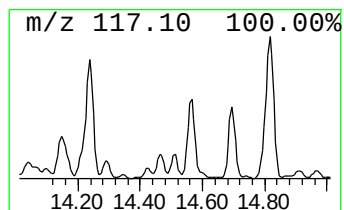
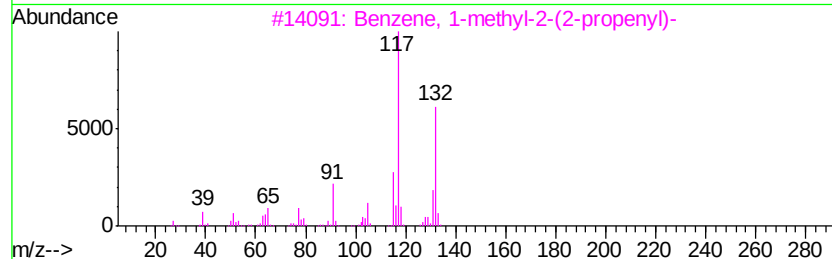
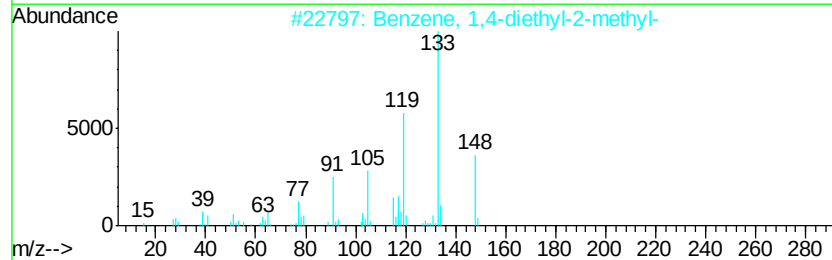
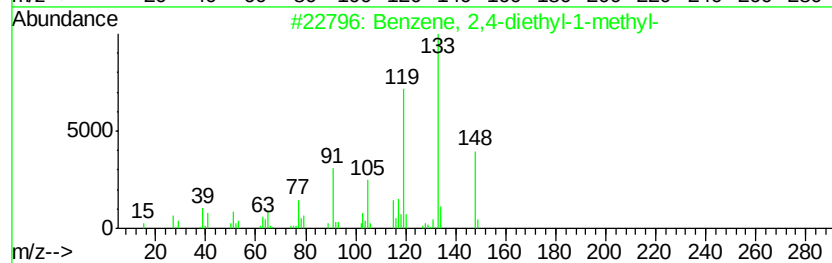
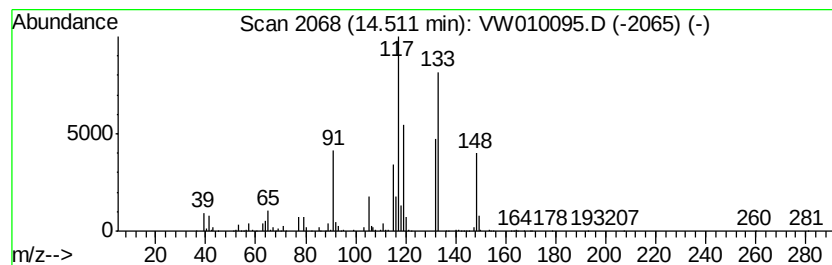
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Quant Title : VOC Analysis

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

Peak Number 22 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	4.04 ug/L	2877180	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	60
2		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	60
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	46
5		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ2

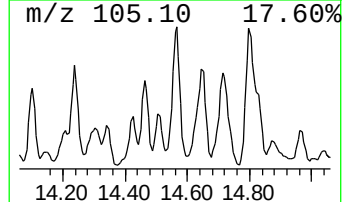
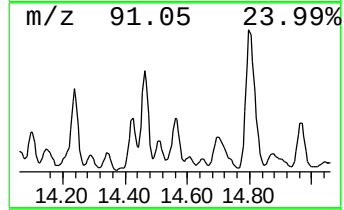
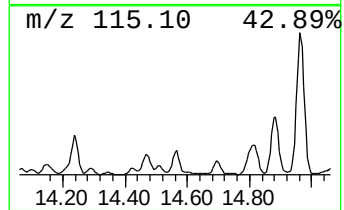
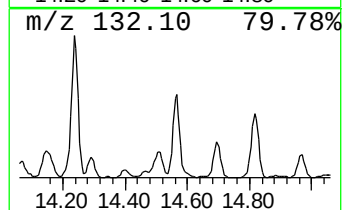
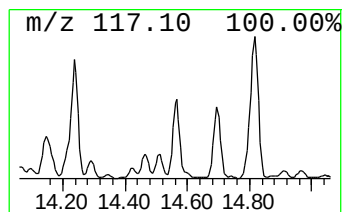
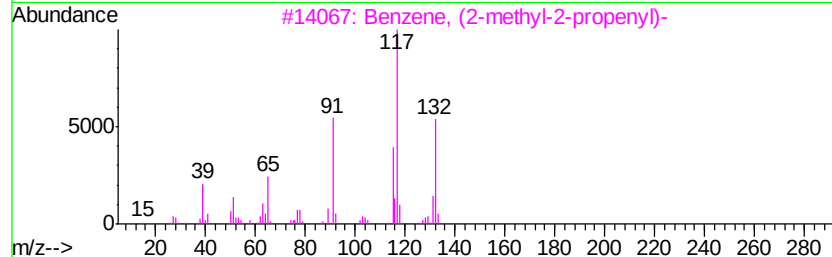
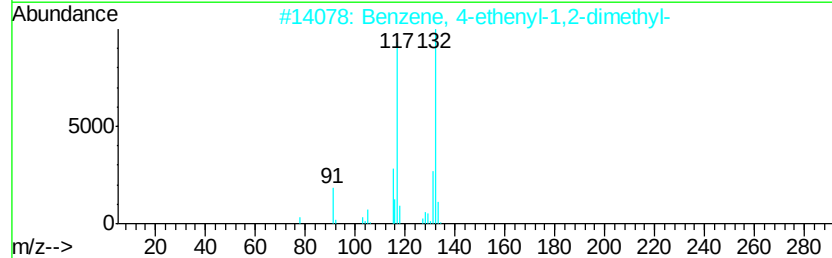
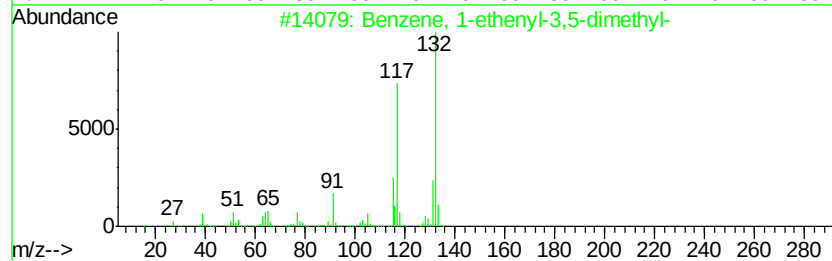
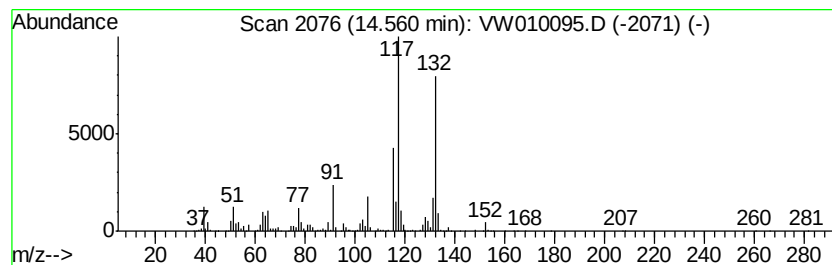
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Quant Title : VOC Analysis

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

Peak Number 23 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	10.51 ug/L	7476660	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	96
2		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	94
3		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	94
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ2

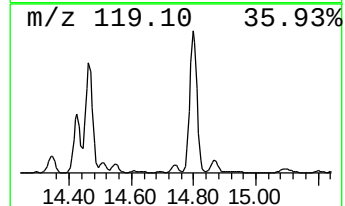
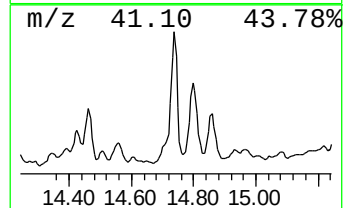
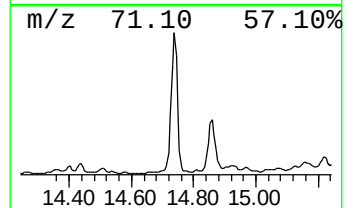
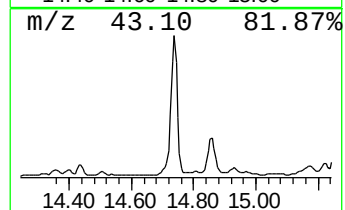
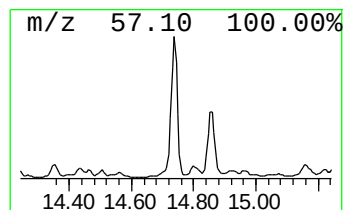
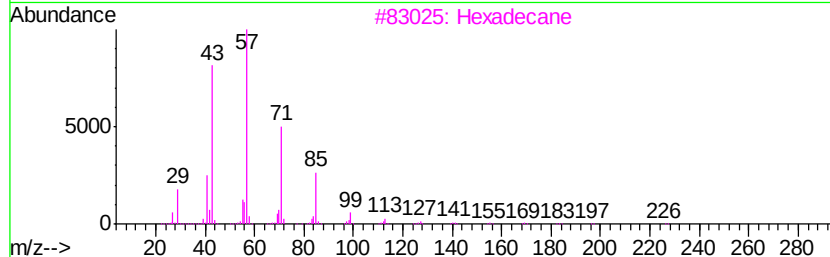
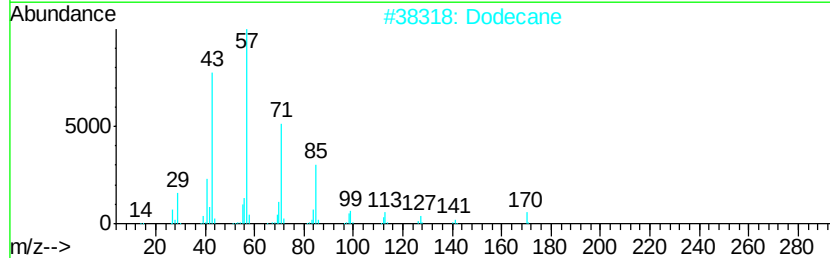
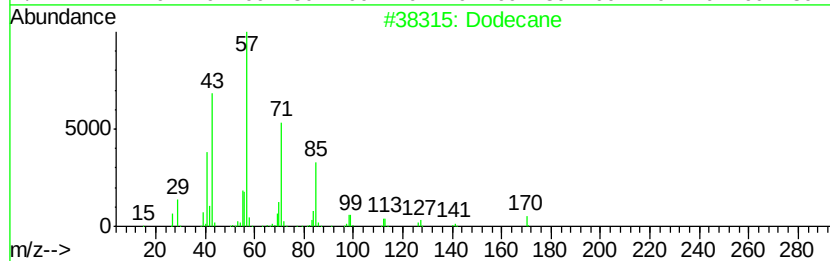
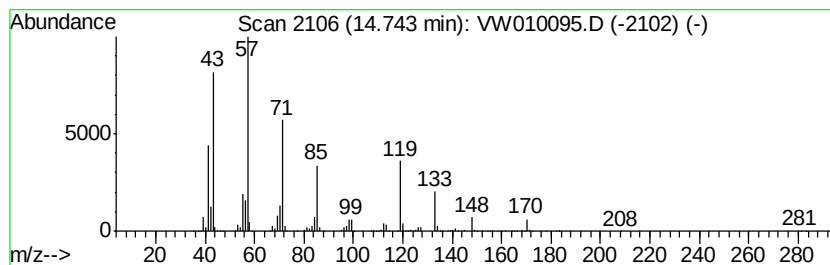
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Quant Title : VOC Analysis

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	6.38 ug/L	4537260	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	94
2			Dodecane	170	C12H26	000112-40-3	86
3			Hexadecane	226	C16H34	000544-76-3	52
4			Tridecane	184	C13H28	000629-50-5	52
5			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ2

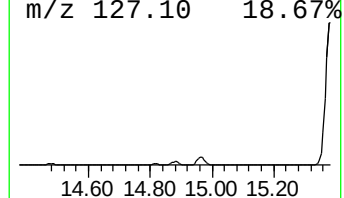
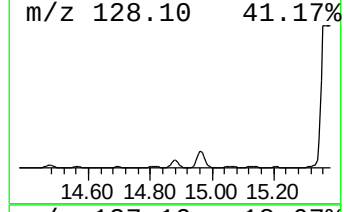
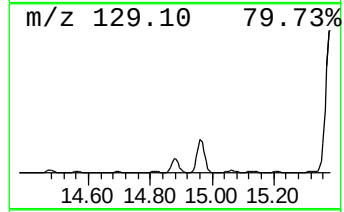
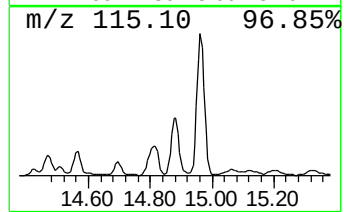
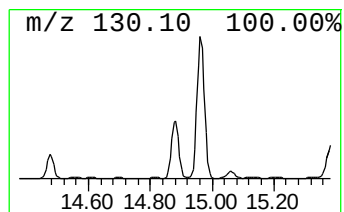
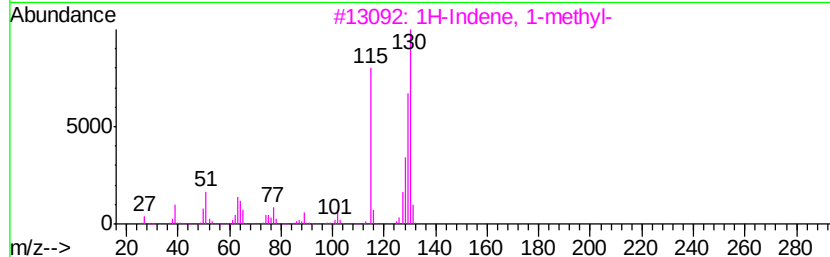
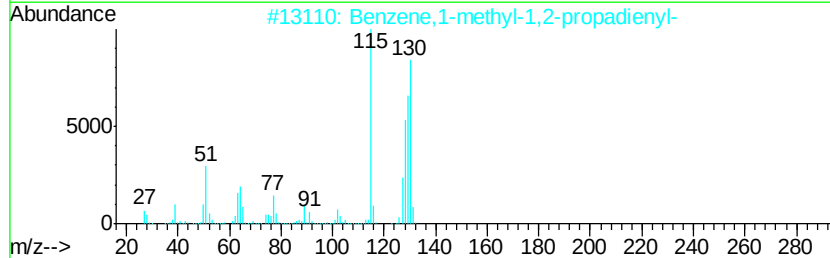
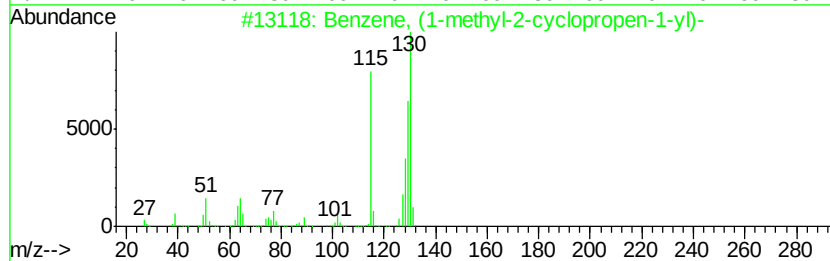
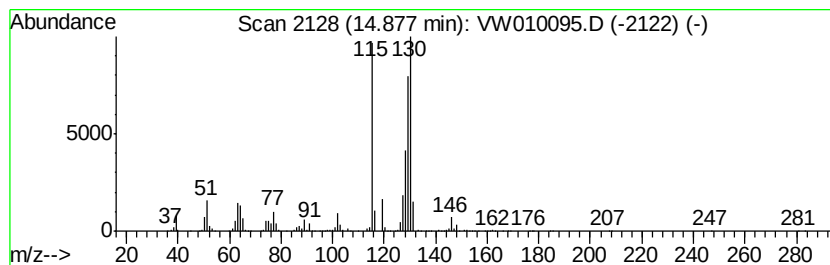
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Quant Title : VOC Analysis

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

Peak Number 27 Benzene, (1-methyl-2-cyclop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	16.18 ug/L	11511100	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		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4		2-Methylindene	130	C10H10	002177-47-1	96
5		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

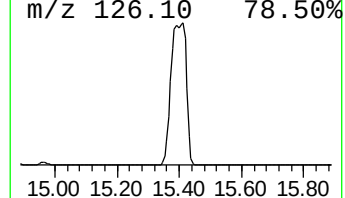
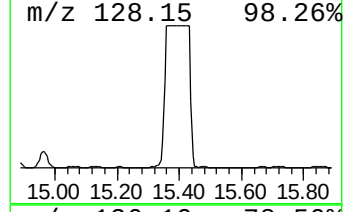
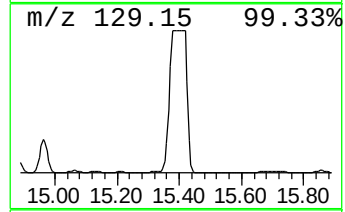
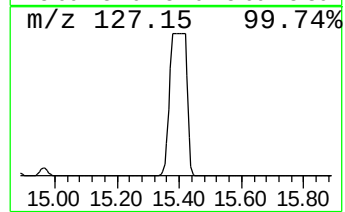
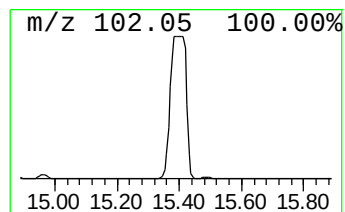
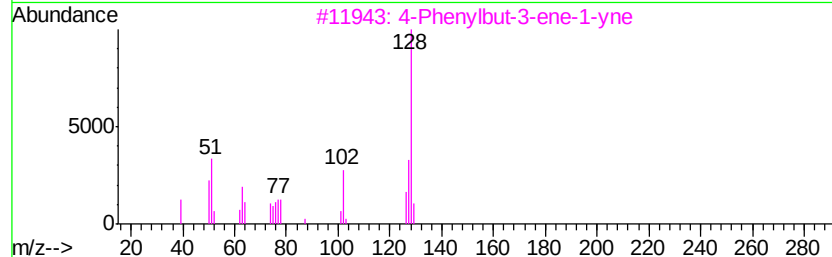
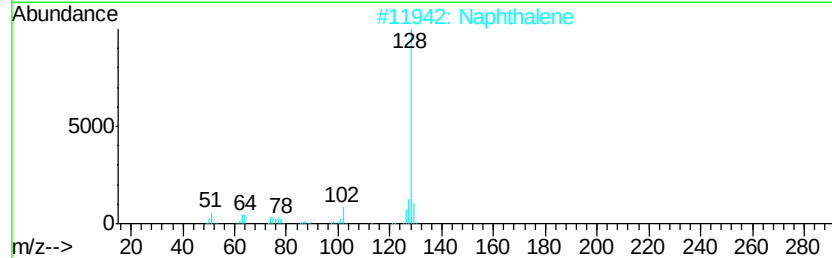
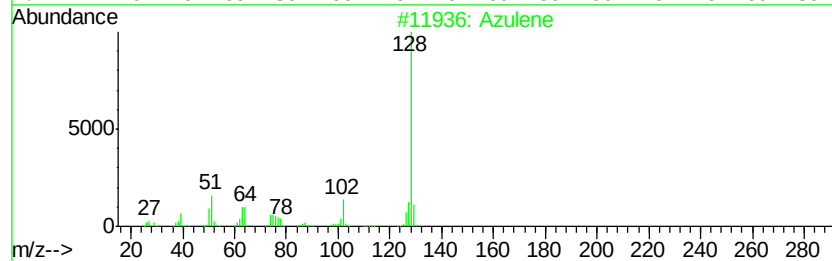
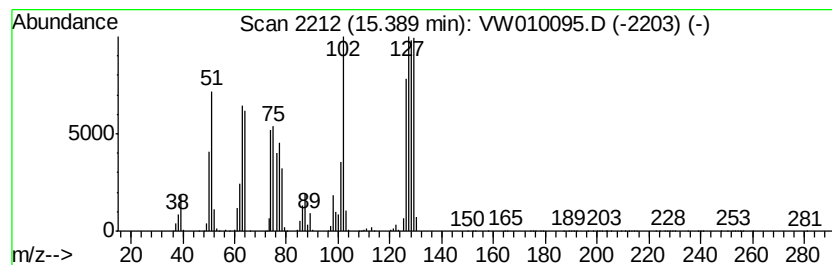
Instrument :
MSVOA_W
ClientSampleId :
GAHQ2

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 29 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	309.09 ug/L	219889000	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Azulene	128 C10H8	000275-51-4	96
2	Naphthalene	128 C10H8	000091-20-3	95
3	4-Phenylbut-3-ene-1-yne	128 C10H8	1000222-12-0	83
4	Azulene	128 C10H8	000275-51-4	60
5	1H-Indene, 1-methylene-	128 C10H8	002471-84-3	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ2

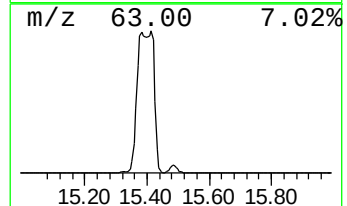
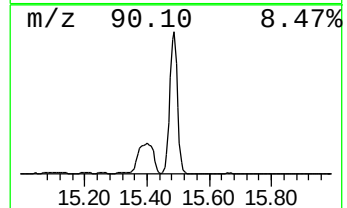
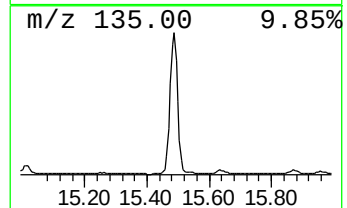
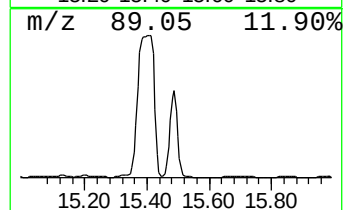
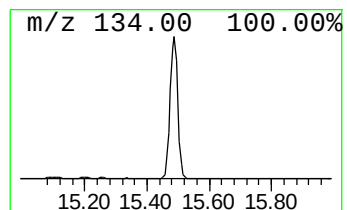
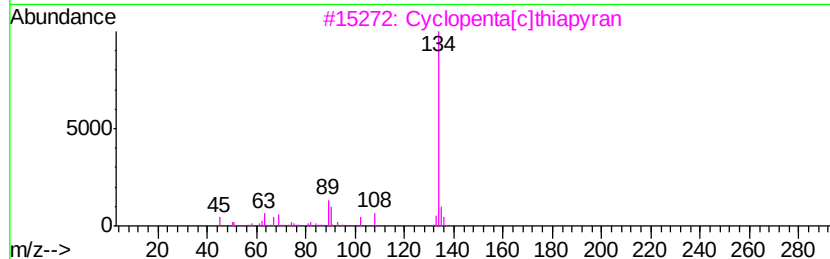
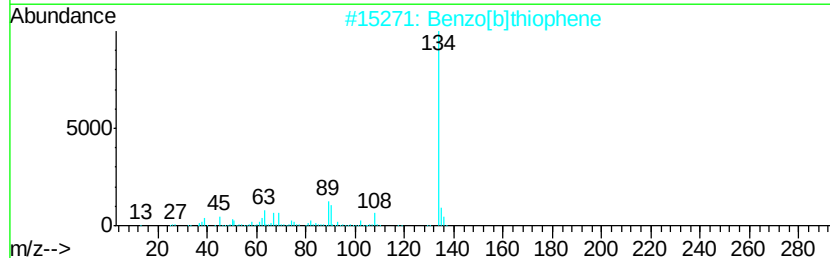
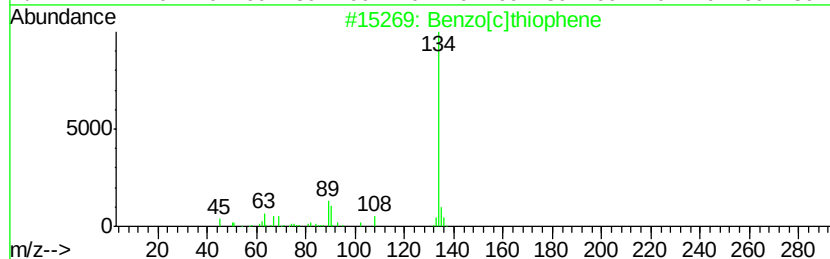
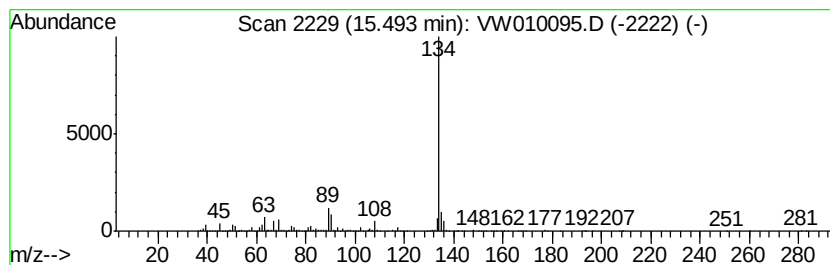
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Quant Title : VOC Analysis

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

Peak Number 30 Benzo[c]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	22.28 ug/L	15849000	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2		Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3		Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4		Benzo[b]thiophene	134	C8H6S	000095-15-8	94
5		Benzo[b]thiophene	134	C8H6S	000095-15-8	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ2

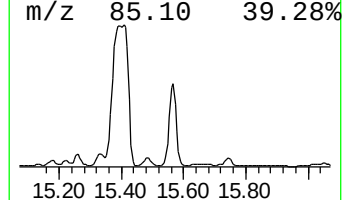
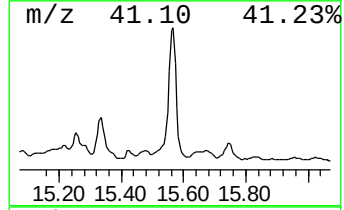
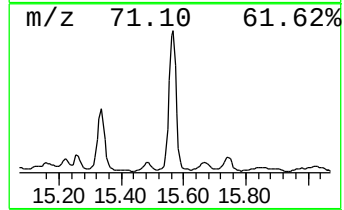
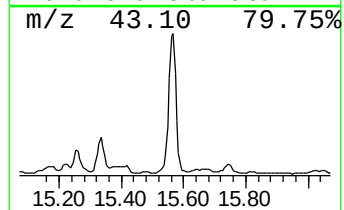
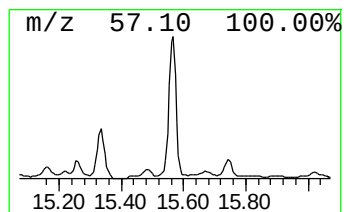
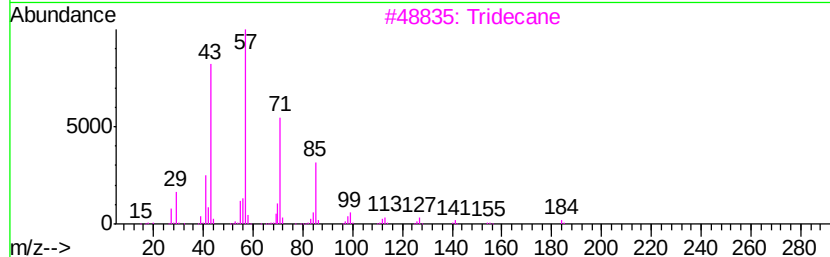
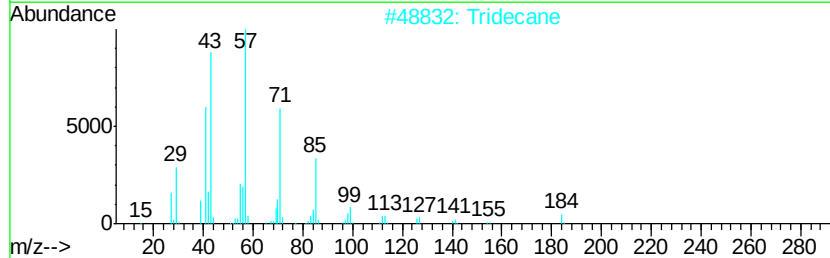
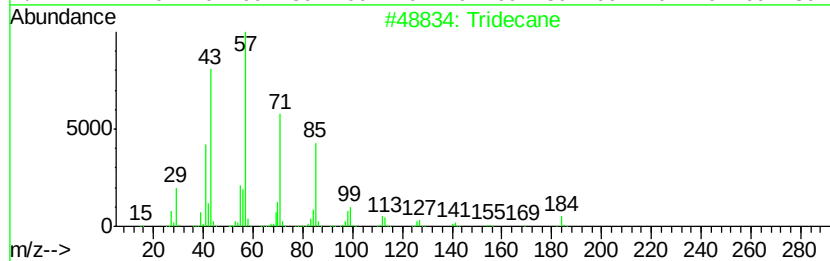
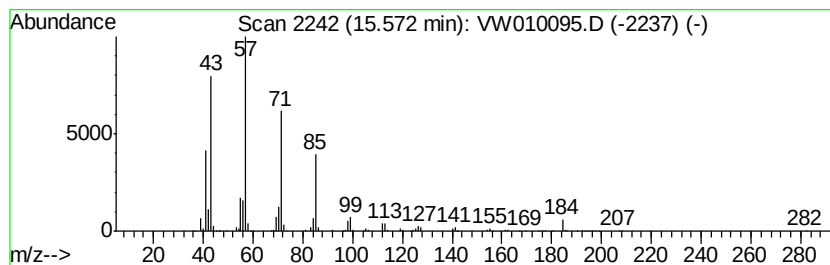
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Quant Title : VOC Analysis

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	8.72 ug/L	6204030	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	97
2			Tridecane	184	C13H28	000629-50-5	96
3			Tridecane	184	C13H28	000629-50-5	91
4			Tridecane	184	C13H28	000629-50-5	90
5			Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ2

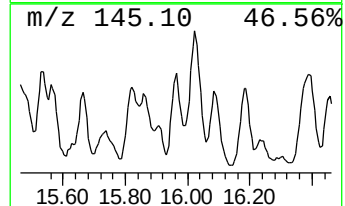
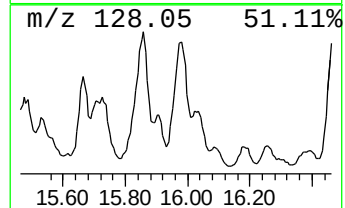
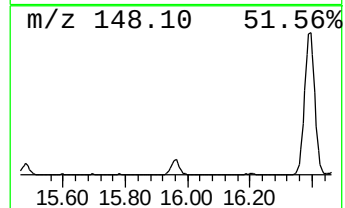
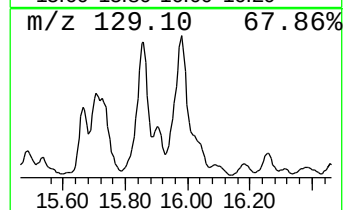
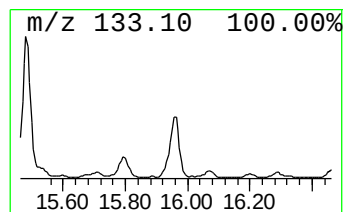
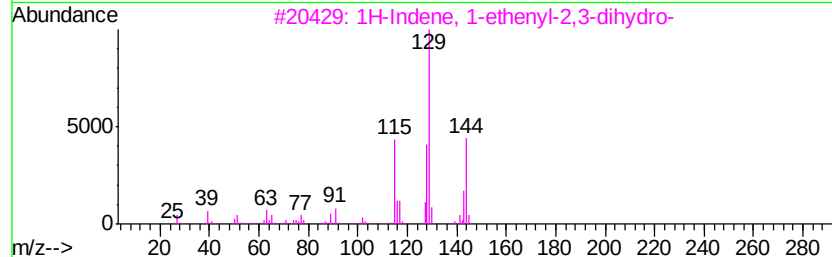
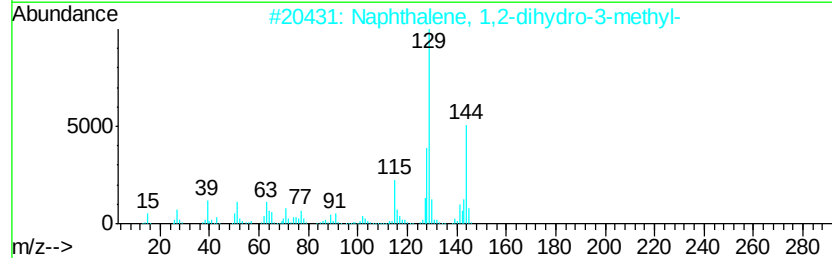
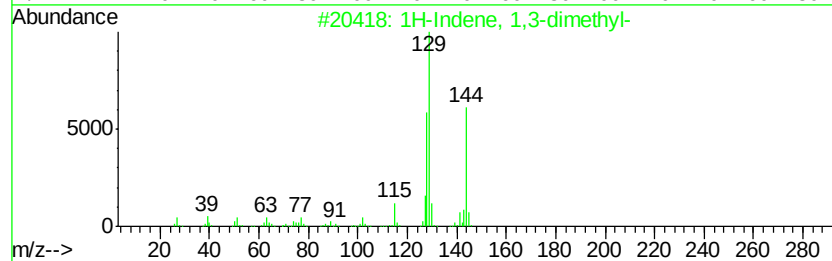
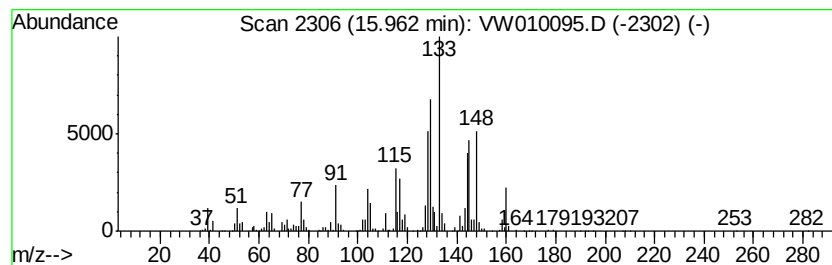
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Quant Title : VOC Analysis

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

Peak Number 32 unknown-01 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	1.94 ug/L	1379630	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	38
2		Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	35
3		1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	35
4		Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	30
5		Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ2

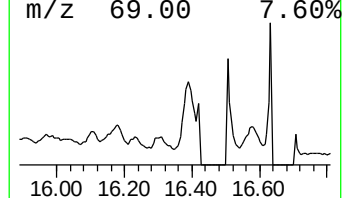
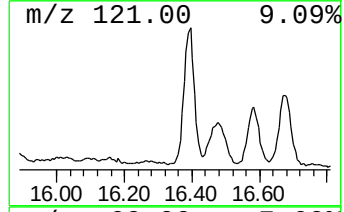
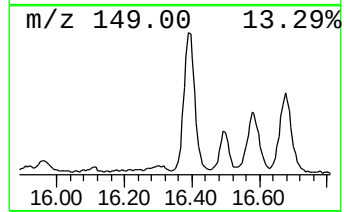
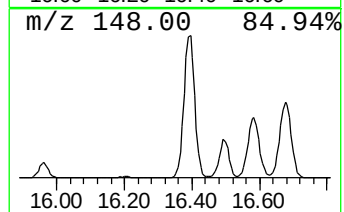
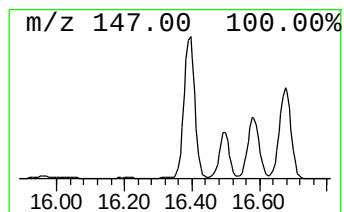
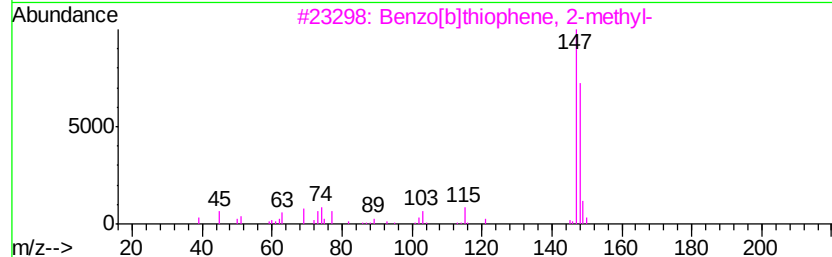
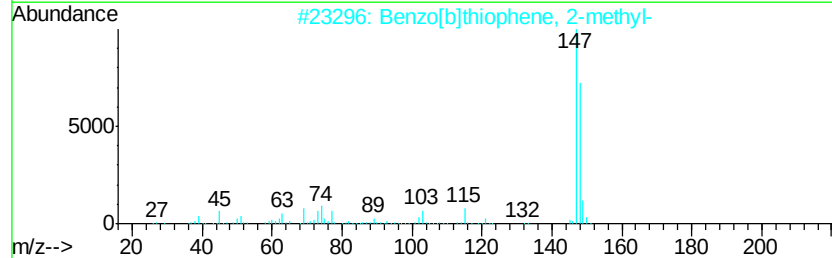
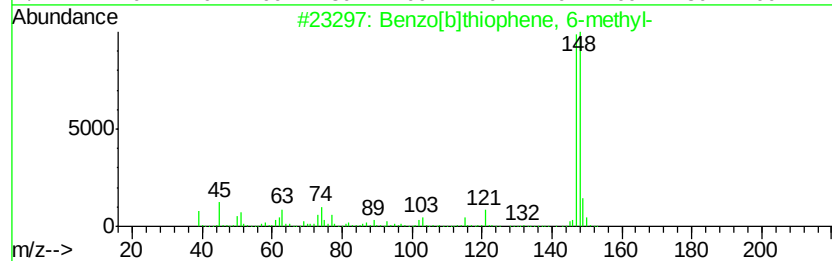
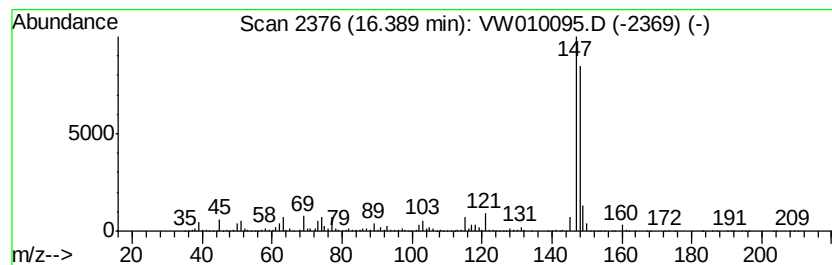
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Quant Title : VOC Analysis

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

Peak Number 33 Benzo[b]thiophene, 6-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	7.09 ug/L	5043970	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	94
2		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
3		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
4		3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
5		Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ2

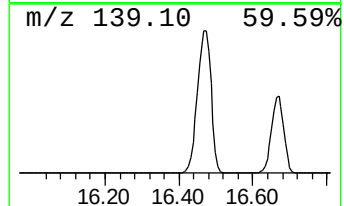
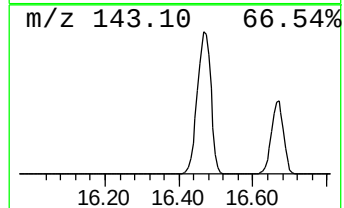
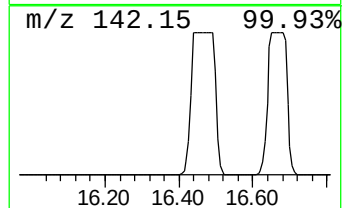
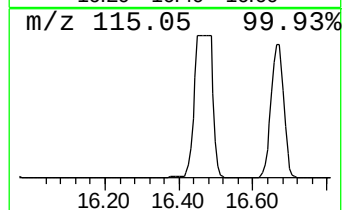
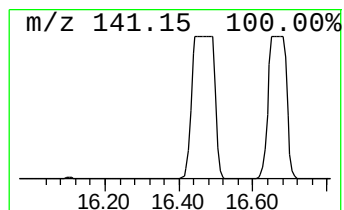
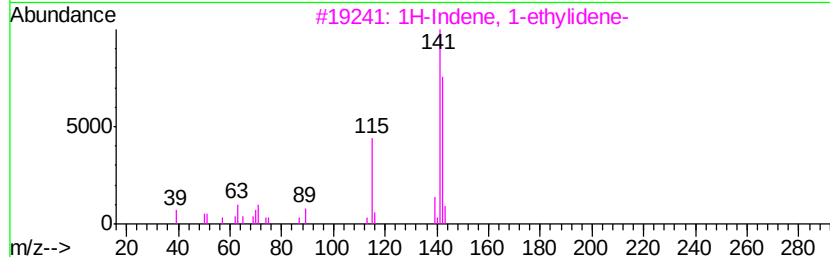
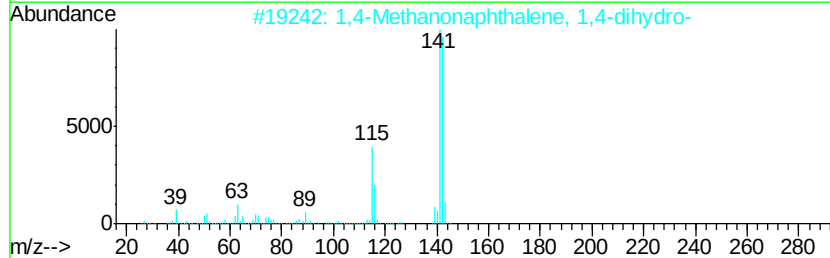
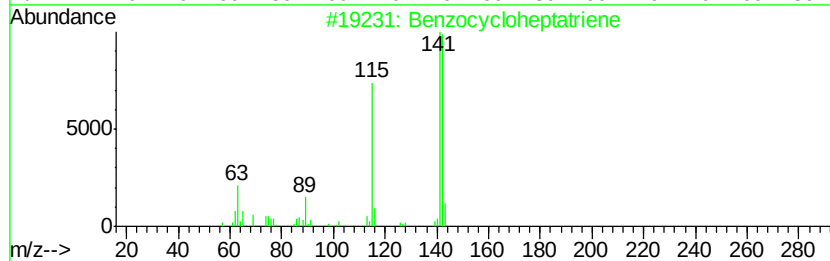
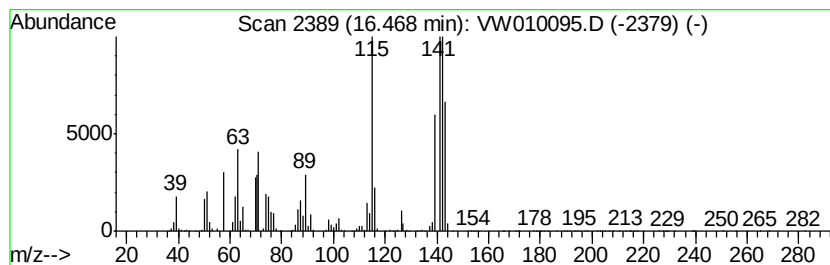
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Quant Title : VOC Analysis

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

Peak Number 34 Benzocycloheptatriene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	414.57 ug/L	294927000	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzocycloheptatriene	142	C11H10	000264-09-5	93
2		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
3		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHQ2

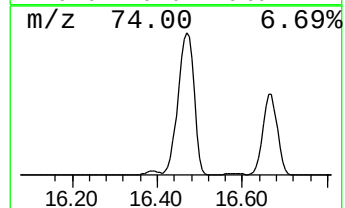
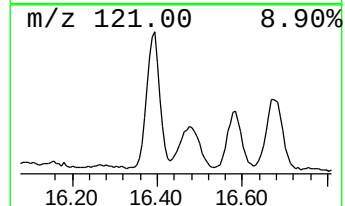
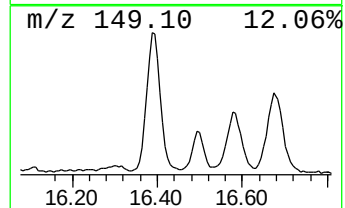
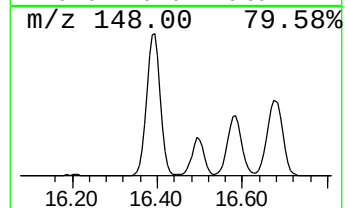
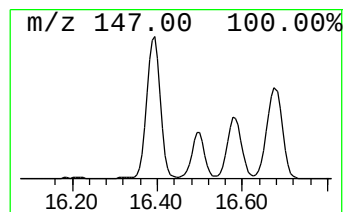
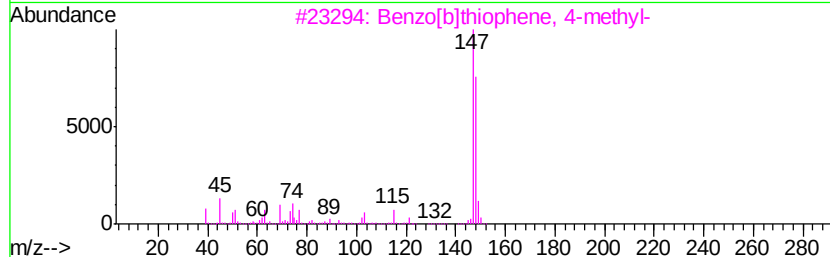
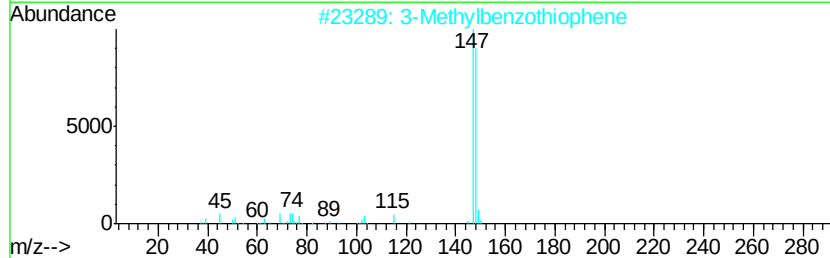
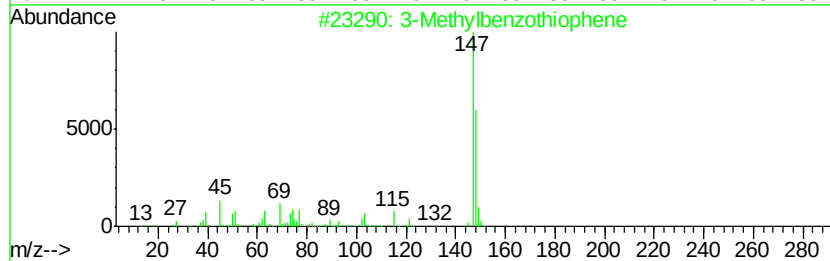
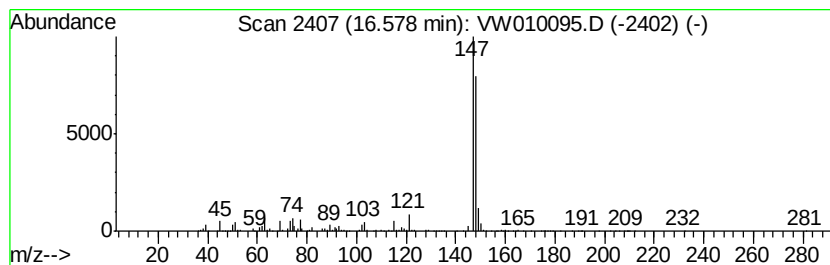
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 35 3-Methylbenzothiophene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	3.12 ug/L	2221150	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
2		3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
3		Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
4		Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
5		Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042319\
 Data File : VW010095.D
 Acq On : 23 Apr 2019 12:14
 Operator : SY/VA
 Sample : K2456-02
 Misc : 5.02G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHQ2

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
Hexanal	11.07	1.3	ug/L	43693	2	11.63	857994	25.0
Benzene, 1-ethyl-...	12.87	2.9	ug/L	2060390	3	13.56	17785400	25.0
Benzene, 1,2,3-tr...	12.94	10.0	ug/L	7089240	3	13.56	17785400	25.0
Benzene, 1-etheny...	13.30	13.0	ug/L	9245740	3	13.56	17785400	25.0
Benzene, 1-etheny...	13.35	4.4	ug/L	3160100	3	13.56	17785400	25.0
Benzene, 1,2-diet...	13.72	2.4	ug/L	1675040	3	13.56	17785400	25.0
Indane	13.76	8.5	ug/L	6051110	3	13.56	17785400	25.0
Benzene, 2-ethyl-...	13.79	6.0	ug/L	4266220	3	13.56	17785400	25.0
Indene	13.94	12.6	ug/L	8963770	3	13.56	17785400	25.0
o-Cymene	14.02	2.4	ug/L	1670350	3	13.56	17785400	25.0
Benzene, 1-ethyl-...	14.10	5.0	ug/L	3545030	3	13.56	17785400	25.0
Benzene, 1-etheny...	14.15	3.9	ug/L	2803020	3	13.56	17785400	25.0
Benzene, 2-etheny...	14.24	16.6	ug/L	11832500	3	13.56	17785400	25.0
Benzene, 2-ethyl-...	14.34	2.2	ug/L	1584070	3	13.56	17785400	25.0
Benzene, 1,2,3,4-...	14.43	10.7	ug/L	7592410	3	13.56	17785400	25.0
Benzene, 1,2,4,5-...	14.46	18.8	ug/L	13369500	3	13.56	17785400	25.0
Benzene, 2,4-diet...	14.51	4.0	ug/L	2877180	3	13.56	17785400	25.0
Benzene, 1-etheny...	14.56	10.5	ug/L	7476660	3	13.56	17785400	25.0
(DEL) Alkane: Str...	14.74	6.4	ug/L	4537260	3	13.56	17785400	25.0
Benzene, (1-methy...	14.88	16.2	ug/L	11511100	3	13.56	17785400	25.0
Azulene	15.39	309.1	ug/L	219889000	3	13.56	17785400	25.0
Benzo[c]thiophene	15.49	22.3	ug/L	15849000	3	13.56	17785400	25.0
(DEL) Alkane: Str...	15.57	8.7	ug/L	6204030	3	13.56	17785400	25.0
unknown-01	15.96	1.9	ug/L	1379630	3	13.56	17785400	25.0
Benzo[b]thiophene...	16.39	7.1	ug/L	5043970	3	13.56	17785400	25.0
Benzocycloheptatr...	16.47	414.6	ug/L	294927000	3	13.56	17785400	25.0
3-Methylbenzothio...	16.58	3.1	ug/L	2221150	3	13.56	17785400	25.0