

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
 Data File : VW007941.D
 Acq On : 27 Dec 2018 01:08
 Operator : SY/AP
 Sample : J6506-01
 Misc : 5.76G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEZX8

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\SOM2WLM122618S.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	2.050	23	24	26	rBV	219	204	0.00%	0.001%
2	2.111	32	34	37	rBV2	196	185	0.00%	0.001%
3	2.166	37	43	50	rBV2	2779	5740	0.06%	0.030%
4	2.251	56	57	62	rVB2	188	185	0.00%	0.001%
5	2.361	67	75	90	rVB	18473	40385	0.41%	0.213%
6	2.483	94	95	97	rBV2	224	177	0.00%	0.001%
7	2.562	105	108	109	rBV	154	165	0.00%	0.001%
8	2.794	143	146	151	rBV	96	226	0.00%	0.001%
9	2.897	153	163	177	rBV2	10945	30938	0.31%	0.163%
10	2.989	177	178	181	rVV	212	163	0.00%	0.001%
11	3.263	221	223	229	rVV2	157	298	0.00%	0.002%
12	3.373	239	241	244	rVV	163	171	0.00%	0.001%
13	3.727	296	299	301	rVB	170	182	0.00%	0.001%
14	3.849	315	319	324	rVV2	393	696	0.01%	0.004%
15	4.007	335	345	357	rBV	41451	128265	1.30%	0.675%
16	4.117	357	363	374	rVV	4015	12313	0.12%	0.065%
17	4.367	396	404	414	rBB2	861	2375	0.02%	0.013%
18	4.909	487	493	502	rBB4	730	2251	0.02%	0.012%
19	5.421	567	577	585	rBB4	3970	12119	0.12%	0.064%
20	5.927	656	660	661	rBV	394	502	0.01%	0.003%
21	7.080	838	849	853	rBV2	10214	27021	0.27%	0.142%
22	7.165	853	863	880	rVB	910204	2425642	24.52%	12.768%
23	7.336	887	891	894	rVV2	136	191	0.00%	0.001%
24	7.647	930	942	954	rBB	59227	147079	1.49%	0.774%
25	8.275	1034	1045	1060	rBB2	116800	351105	3.55%	1.848%
26	8.842	1130	1138	1148	rBB	123093	240207	2.43%	1.264%
27	9.024	1164	1168	1170	rBV2	555	735	0.01%	0.004%
28	9.091	1170	1179	1191	rVV	1402434	2743606	27.73%	14.441%
29	9.274	1201	1209	1218	rBV	74560	151871	1.54%	0.799%
30	9.341	1218	1220	1224	rVB	245	237	0.00%	0.001%
31	9.896	1308	1311	1313	rBB	174	182	0.00%	0.001%
32	10.036	1325	1334	1341	rBB	44717	81565	0.82%	0.429%
33	10.323	1374	1381	1389	rBV	163149	290469	2.94%	1.529%
34	10.390	1389	1392	1397	rVB2	1633	2447	0.02%	0.013%

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 Title : VOC Analysis

35	10.579	1416	1423	1430	rBB	31391	51928	0.52%	0.273%
36	10.707	1439	1444	1450	rBB2	1014	1725	0.02%	0.009%
37	10.866	1461	1470	1477	rBV	5477315	9892727	100.00%	52.072%
38	10.927	1477	1480	1492	rVB	44414	68901	0.70%	0.363%
39	11.067	1498	1503	1508	rBB2	1557	2564	0.03%	0.013%
40	11.445	1561	1565	1570	rVB	1103	1748	0.02%	0.009%
41	11.634	1588	1596	1605	rVB	163114	268247	2.71%	1.412%
42	11.713	1606	1609	1612	rBV	323	496	0.01%	0.003%
43	11.841	1625	1630	1635	rBB	956	1407	0.01%	0.007%
44	12.176	1680	1685	1687	rBB	320	468	0.00%	0.002%
45	12.445	1726	1729	1730	rBV	210	179	0.00%	0.001%
46	12.475	1730	1734	1739	rVB2	1415	2101	0.02%	0.011%
47	12.615	1752	1757	1762	rBV	3966	6029	0.06%	0.032%
48	12.694	1763	1770	1779	rBB	62622	102459	1.04%	0.539%
49	12.914	1797	1806	1817	rBB7	4777	12434	0.13%	0.065%
50	13.060	1823	1830	1843	rBB2	19311	40438	0.41%	0.213%
51	13.170	1844	1848	1849	rBB	199	205	0.00%	0.001%
52	13.255	1858	1862	1866	rBV2	1819	2512	0.03%	0.013%
53	13.304	1866	1870	1875	rVB3	873	1405	0.01%	0.007%
54	13.365	1878	1880	1882	rBV	390	473	0.00%	0.002%
55	13.402	1882	1886	1889	rVB2	692	1040	0.01%	0.005%
56	13.444	1889	1893	1895	rBV	627	895	0.01%	0.005%
57	13.475	1895	1898	1899	rVV	1452	1761	0.02%	0.009%
58	13.499	1899	1902	1906	rVV3	3336	5633	0.06%	0.030%
59	13.560	1906	1912	1921	rVV	139260	231393	2.34%	1.218%
60	13.652	1922	1927	1932	rVV5	3079	5909	0.06%	0.031%
61	13.725	1934	1939	1940	rVV3	9854	12690	0.13%	0.067%
62	13.755	1940	1944	1947	rVV	33038	54061	0.55%	0.285%
63	13.792	1947	1950	1955	rVV2	57927	102880	1.04%	0.542%
64	13.859	1955	1961	1972	rVV	124511	222342	2.25%	1.170%
65	13.956	1972	1977	1981	rVV	20104	31205	0.32%	0.164%
66	14.017	1981	1987	1989	rVV	31725	51418	0.52%	0.271%
67	14.048	1989	1992	1996	rVV	28569	44946	0.45%	0.237%
68	14.103	1996	2001	2008	rVV	74940	116138	1.17%	0.611%
69	14.158	2008	2010	2011	rVV2	705	729	0.01%	0.004%
70	14.206	2011	2018	2023	rVV2	32341	56487	0.57%	0.297%
71	14.255	2023	2026	2028	rVV	5258	7985	0.08%	0.042%

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72	14.286	2028	2031	2035	rVV3	7546	12842	0.13%	0.068%
73	14.341	2035	2040	2045	rVV	17928	29366	0.30%	0.155%
74	14.426	2045	2054	2057	rVV	72006	129364	1.31%	0.681%
75	14.462	2057	2060	2064	rVV	93546	138282	1.40%	0.728%
76	14.505	2064	2067	2071	rVV	73045	118685	1.20%	0.625%
77	14.548	2071	2074	2078	rVV	51433	77166	0.78%	0.406%
78	14.609	2079	2084	2087	rVV2	13690	28639	0.29%	0.151%
79	14.645	2087	2090	2094	rVV	28829	43493	0.44%	0.229%
80	14.694	2094	2098	2101	rVV2	16688	34512	0.35%	0.182%
81	14.737	2101	2105	2110	rVV	37917	61211	0.62%	0.322%
82	14.798	2110	2115	2122	rVV3	56945	124551	1.26%	0.656%
83	14.865	2122	2126	2131	rVV	30954	52001	0.53%	0.274%
84	14.908	2131	2133	2141	rVV4	3979	6715	0.07%	0.035%
85	14.993	2141	2147	2154	rVV3	2014	4440	0.04%	0.023%
86	15.078	2154	2161	2169	rVV	10894	23044	0.23%	0.121%
87	15.133	2169	2170	2173	rVB	266	201	0.00%	0.001%
88	15.182	2173	2178	2183	rBV4	1369	2448	0.02%	0.013%
89	15.371	2203	2209	2214	rBB2	562	1161	0.01%	0.006%
90	15.450	2217	2222	2228	rVV4	617	1263	0.01%	0.007%
91	15.505	2228	2231	2235	rVB	338	462	0.00%	0.002%
92	15.560	2235	2240	2244	rBV2	436	722	0.01%	0.004%
93	15.596	2244	2246	2249	rVV	137	180	0.00%	0.001%
94	15.663	2253	2257	2259	rVV	106	184	0.00%	0.001%
95	15.926	2294	2300	2301	rBV	159	268	0.00%	0.001%
96	15.962	2305	2306	2311	rVV	187	298	0.00%	0.002%
97	16.127	2330	2333	2338	rVB	145	257	0.00%	0.001%
98	16.304	2360	2362	2365	rVB	198	217	0.00%	0.001%
99	16.413	2377	2380	2382	rVV2	135	166	0.00%	0.001%
100	16.529	2396	2399	2401	rBV2	186	205	0.00%	0.001%

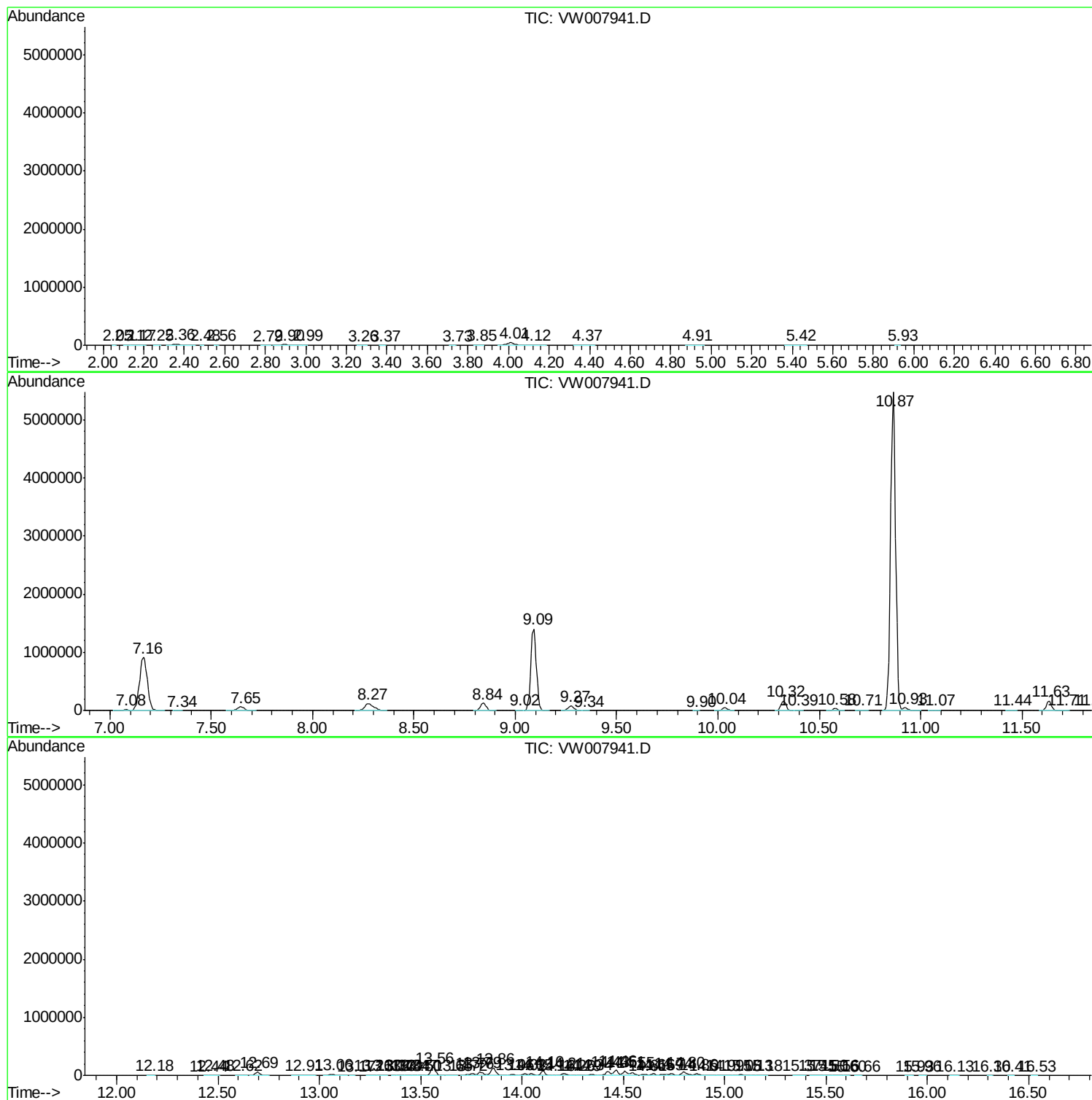
Sum of corrected areas: 18998198

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis

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



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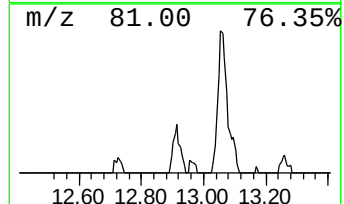
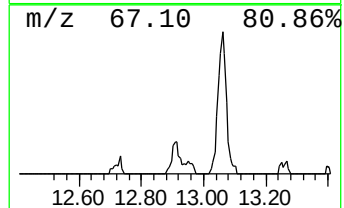
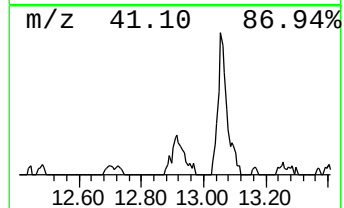
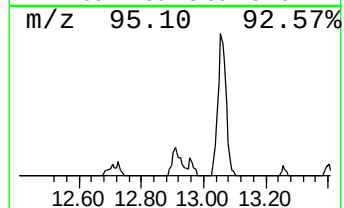
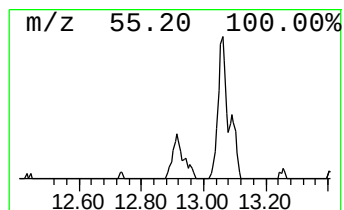
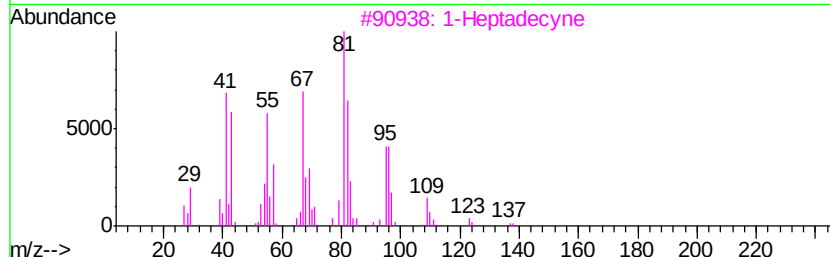
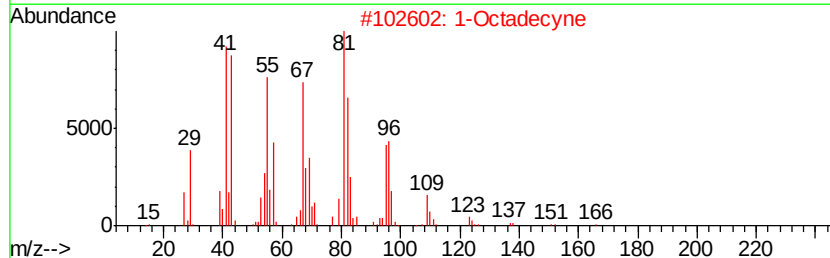
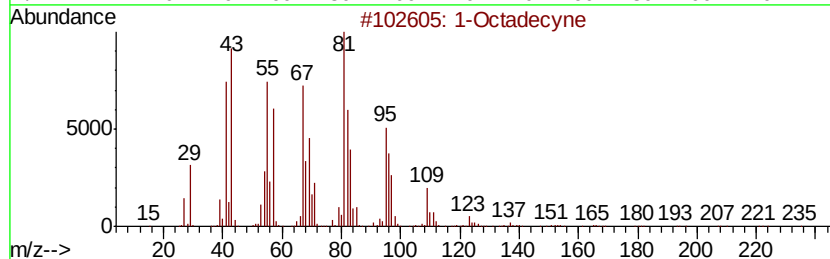
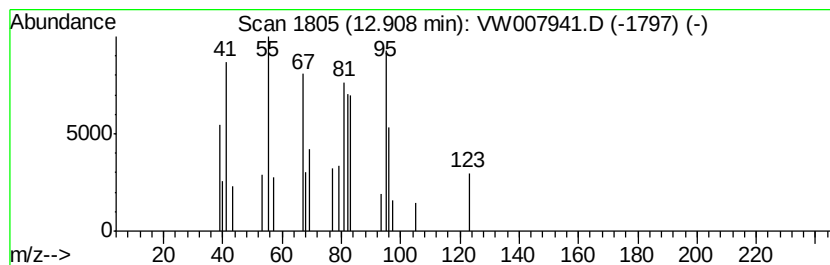
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis

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

Peak Number 2 1-Octadecyne Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	1.34 ug/L	12434	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Octadecyne	250 C18H34	000629-89-0	59
2	1-Octadecyne	250 C18H34	000629-89-0	53
3	1-Heptadecyne	236 C17H32	026186-00-5	53
4	1-Hexadecyne	222 C16H30	000629-74-3	50
5	6-Dodecyne	166 C12H22	006975-99-1	50



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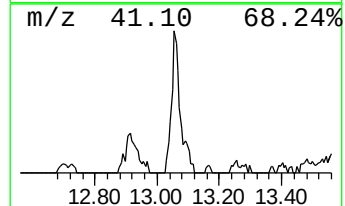
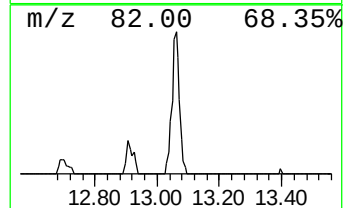
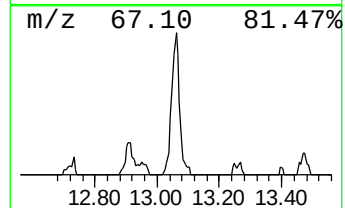
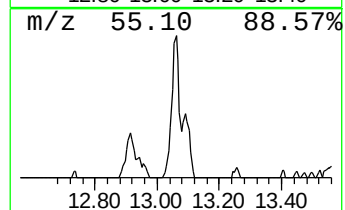
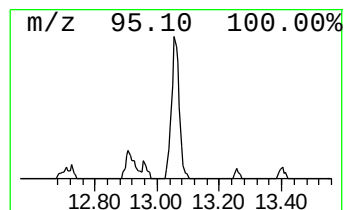
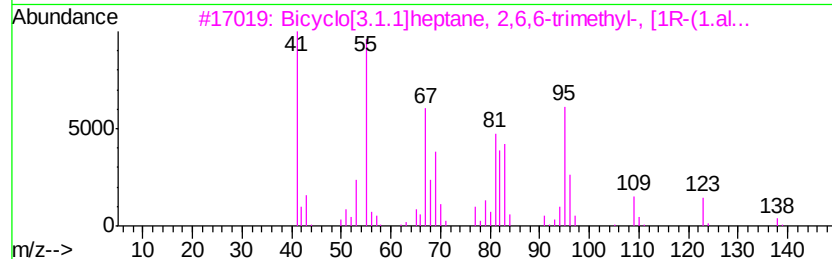
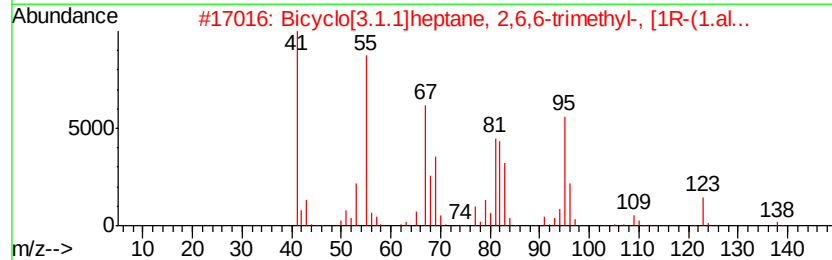
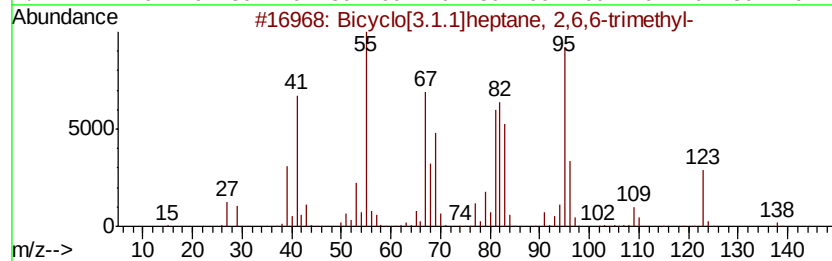
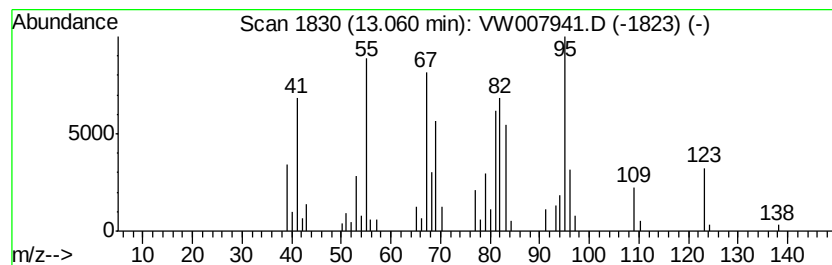
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Bicyclo[3.1.1]heptane, 2,6,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	4.37 ug/L	40438	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138 C10H18	000473-55-2 96
2		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138 C10H18	004795-86-2 91
3		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138 C10H18	004863-59-6 72
4		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138 C10H18	000473-55-2 58
5		1,1'-Bicyclopropyl, 2,2,2',2'-te...	138 C10H18	068998-20-9 52



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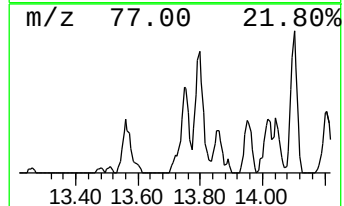
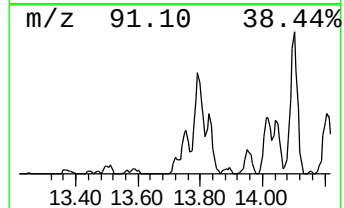
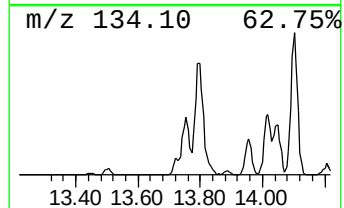
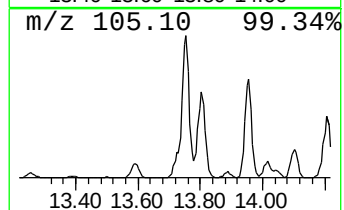
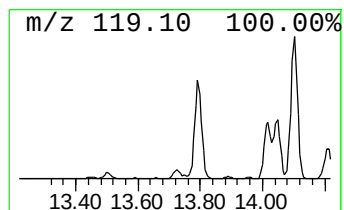
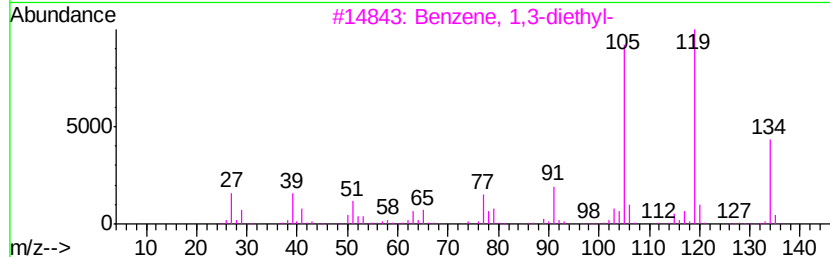
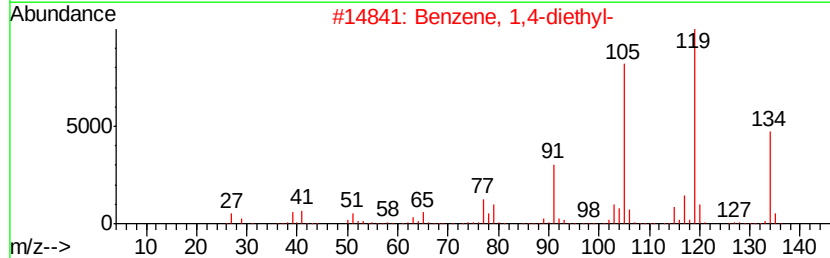
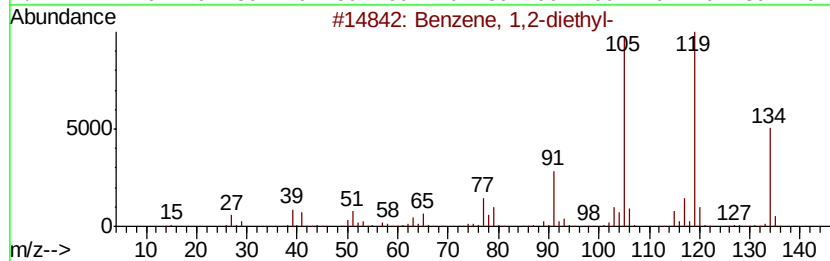
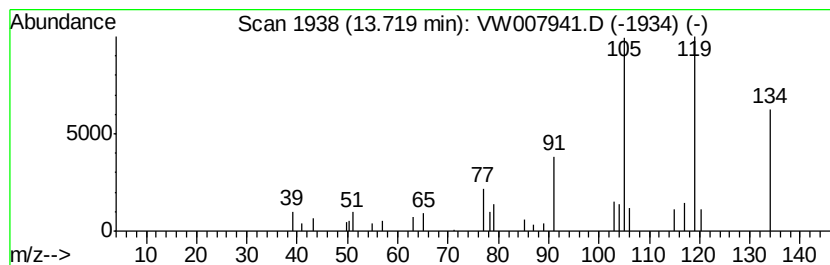
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Quant Title : VOC Analysis

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

Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	1.37 ug/L	12690	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	97
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007941.D
Acq On : 27 Dec 2018 01:08
Operator : SY/AP
Sample : J6506-01
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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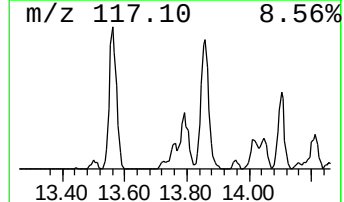
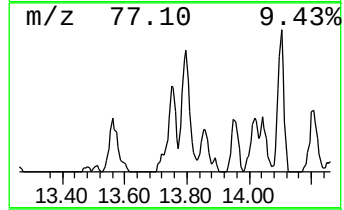
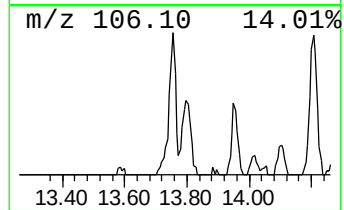
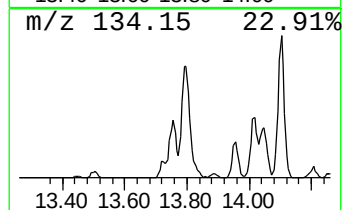
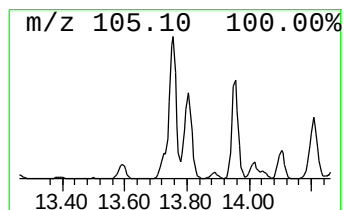
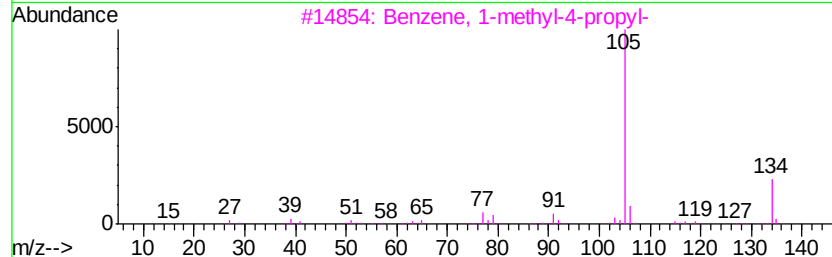
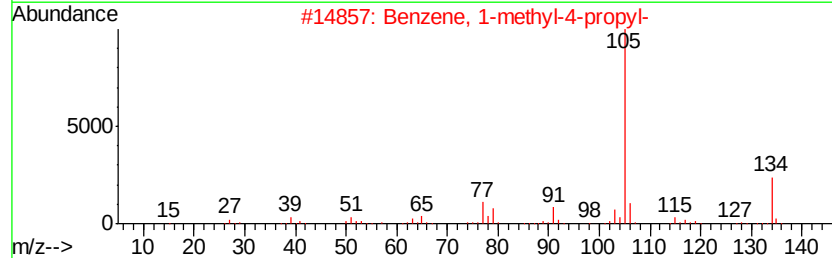
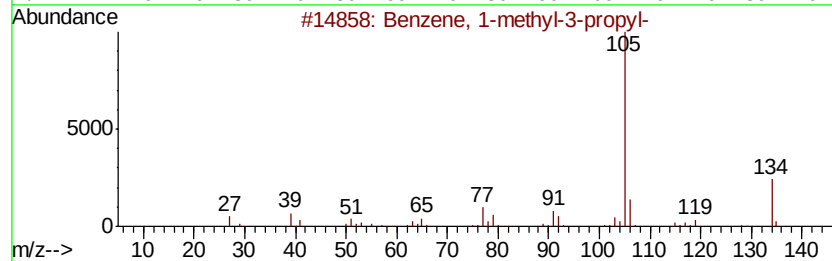
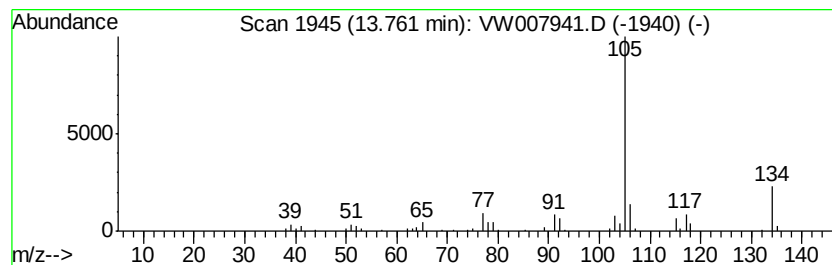
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Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1-methyl-3-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	5.84 ug/L	54061	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	86
5		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007941.D
Acq On : 27 Dec 2018 01:08
Operator : SY/AP
Sample : J6506-01
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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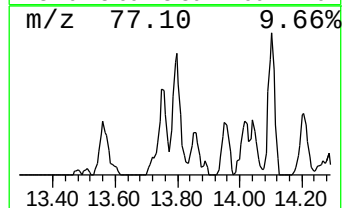
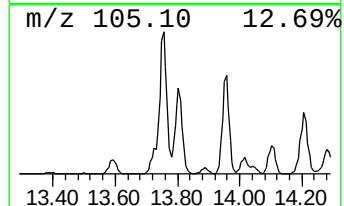
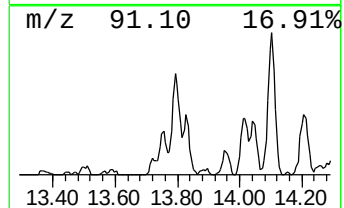
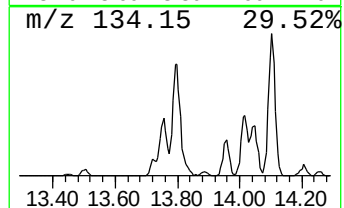
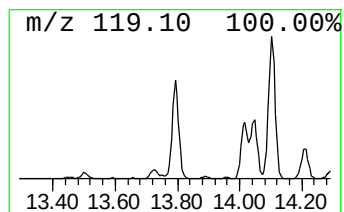
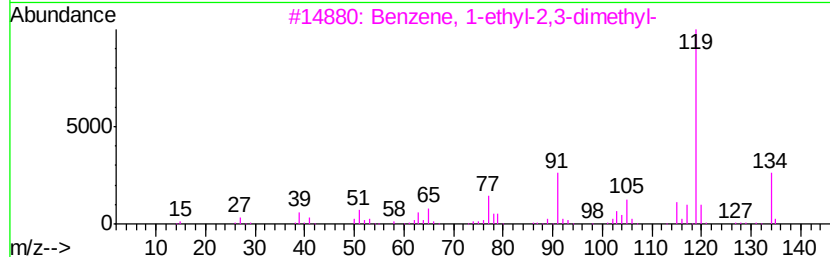
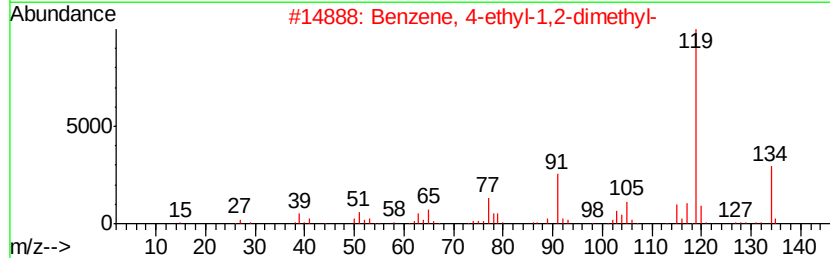
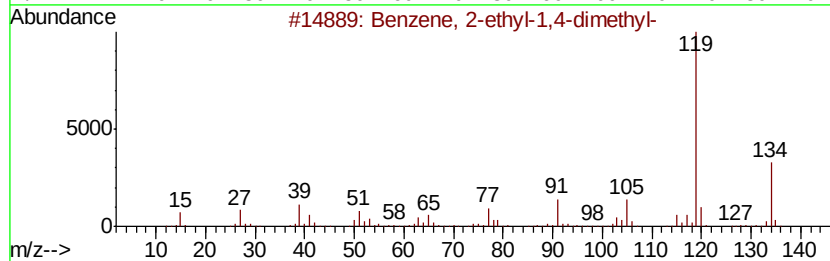
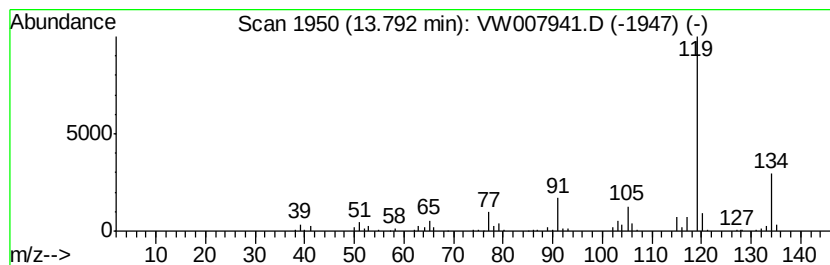
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	11.12 ug/L	102880	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	94
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4		o-Cymene	134	C10H14	000527-84-4	93
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007941.D
Acq On : 27 Dec 2018 01:08
Operator : SY/AP
Sample : J6506-01
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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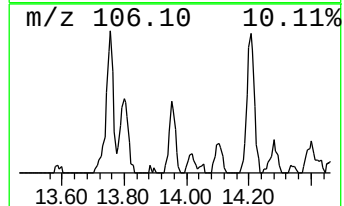
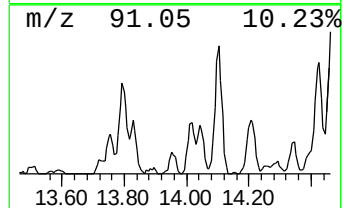
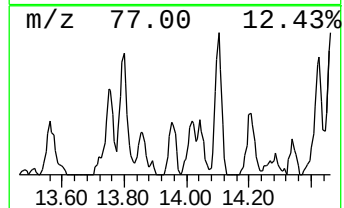
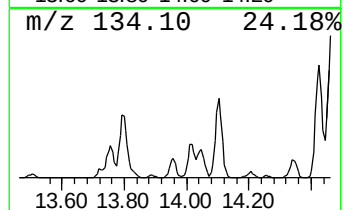
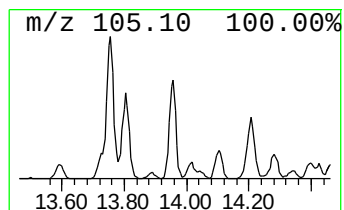
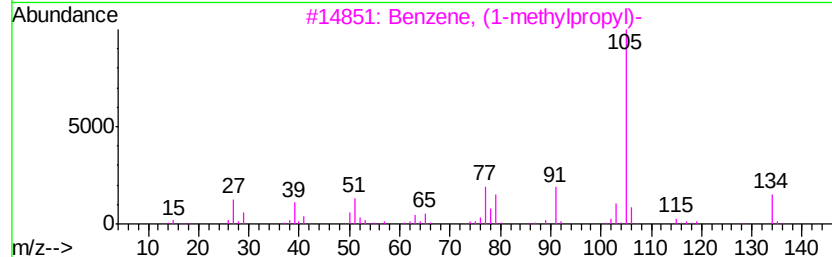
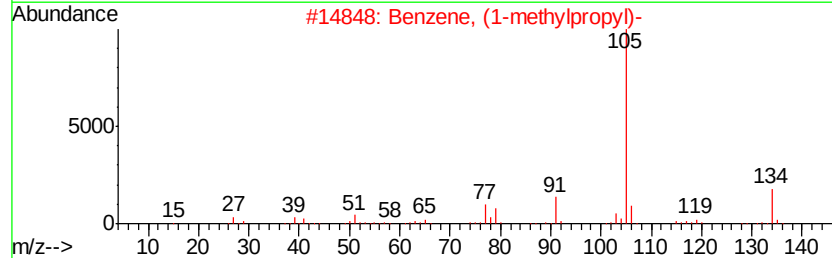
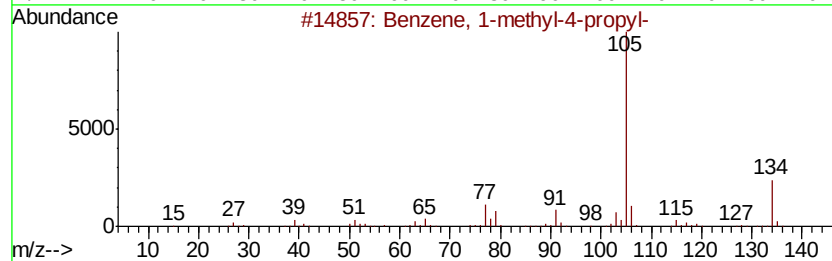
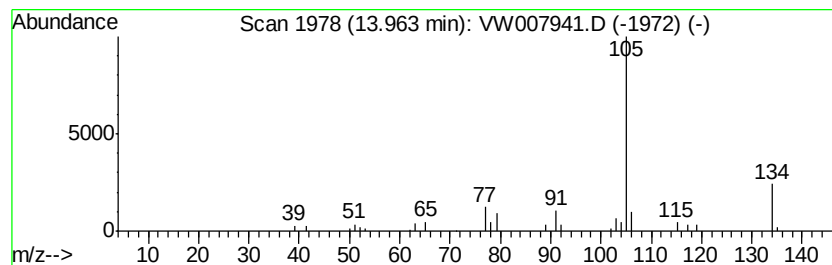
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1-methyl-4-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	3.37 ug/L	31205	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
5		2-Tolylloxirane	134	C9H10O	002783-26-8	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007941.D
Acq On : 27 Dec 2018 01:08
Operator : SY/AP
Sample : J6506-01
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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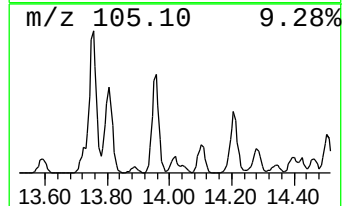
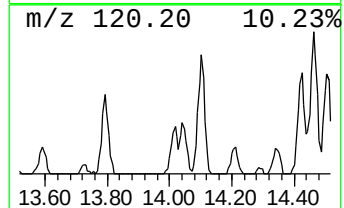
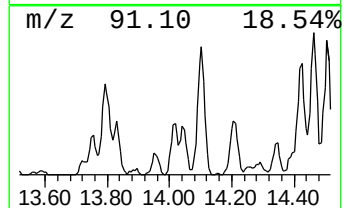
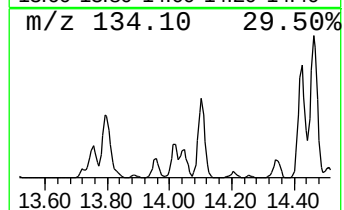
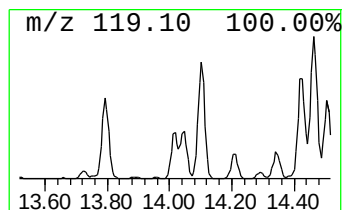
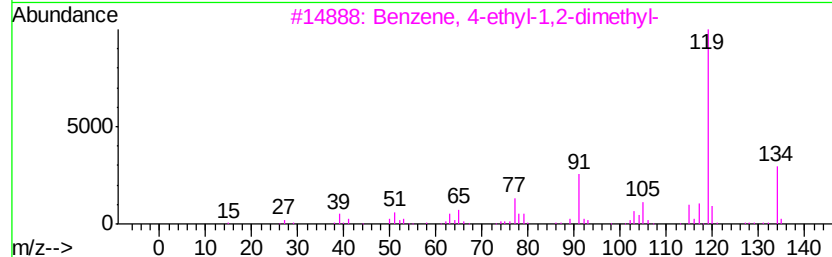
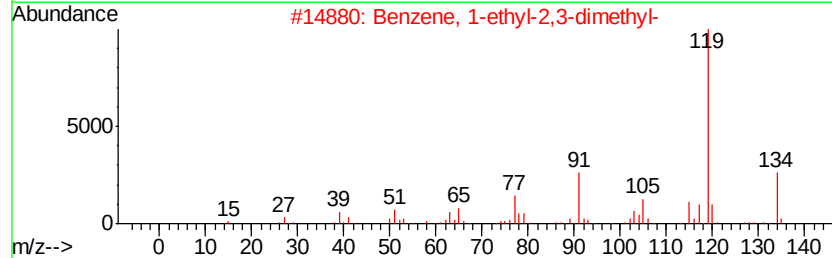
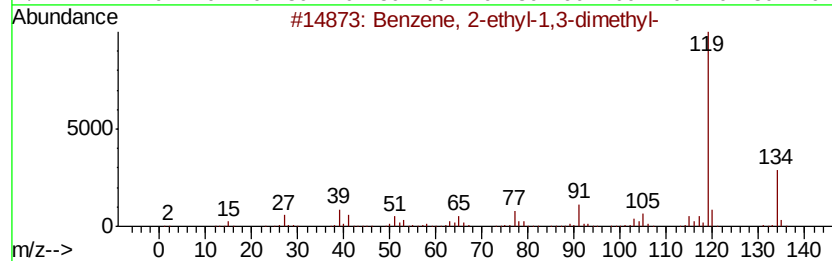
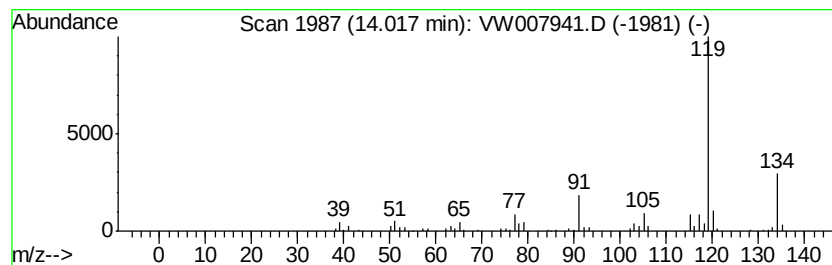
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	5.56 ug/L	51418	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	95
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007941.D
Acq On : 27 Dec 2018 01:08
Operator : SY/AP
Sample : J6506-01
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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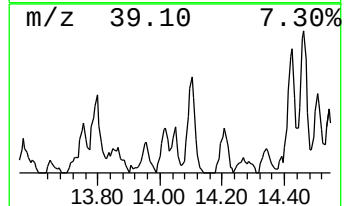
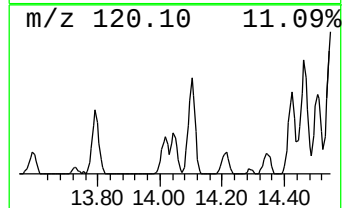
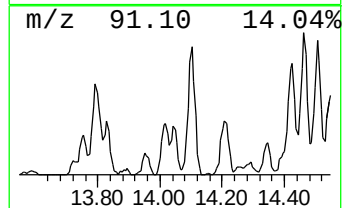
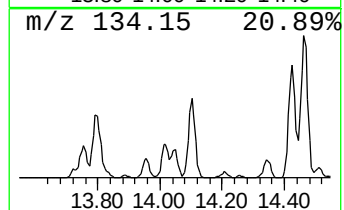
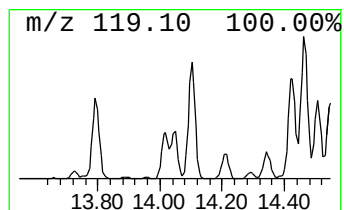
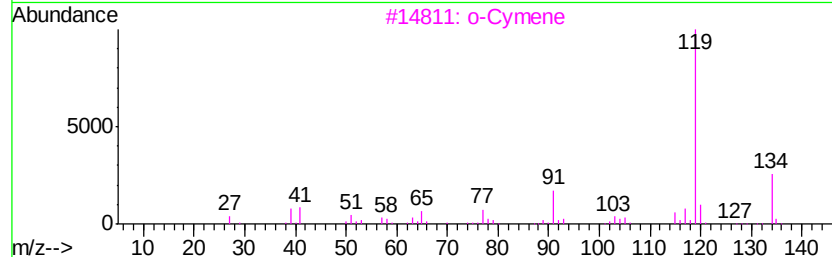
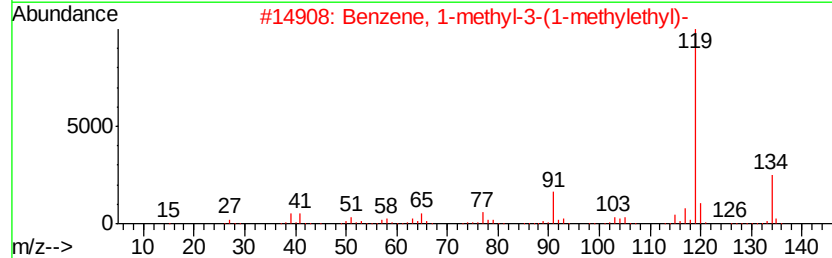
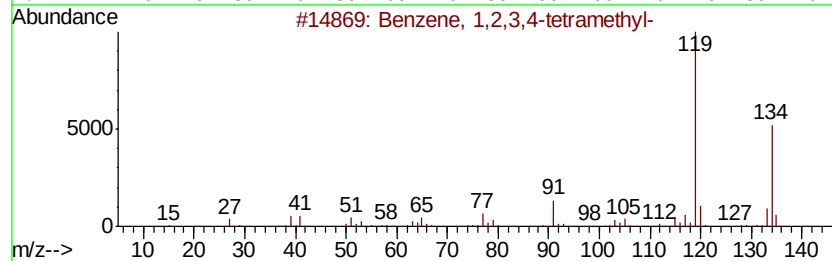
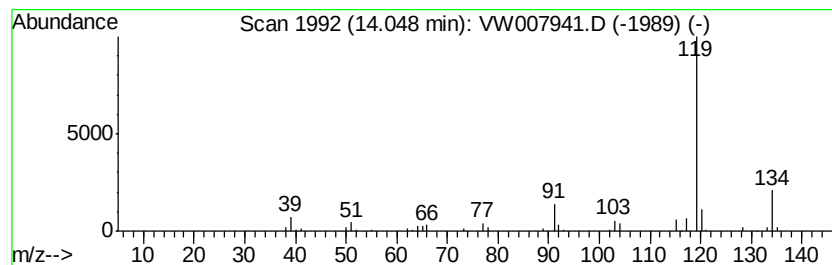
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Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	4.86 ug/L	44946	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3		o-Cymene	134	C10H14	000527-84-4	91
4		o-Cymene	134	C10H14	000527-84-4	91
5		p-Cymene	134	C10H14	000099-87-6	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007941.D
Acq On : 27 Dec 2018 01:08
Operator : SY/AP
Sample : J6506-01
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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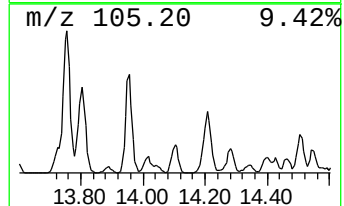
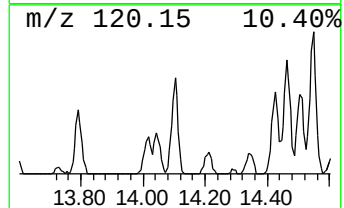
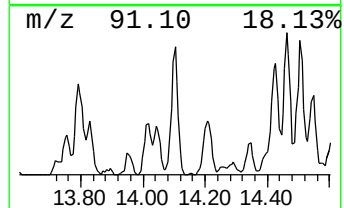
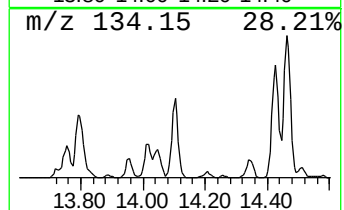
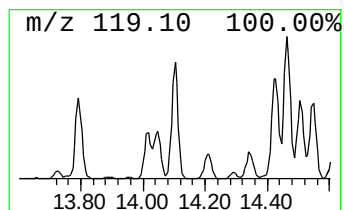
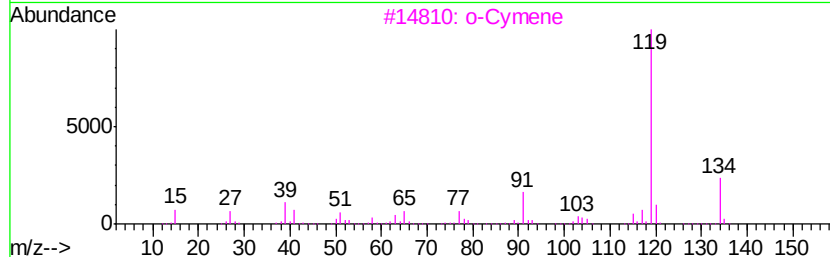
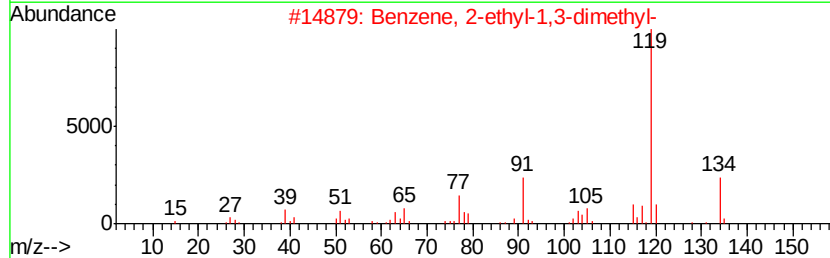
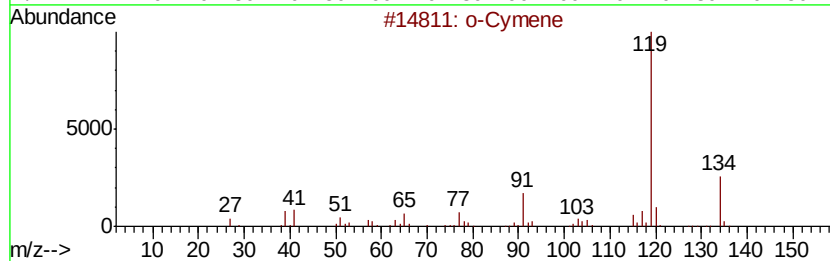
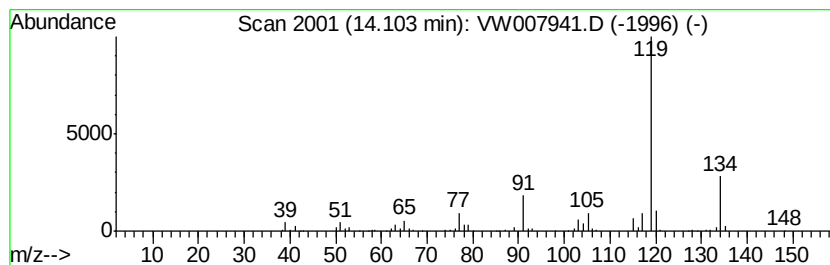
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Quant Title : VOC Analysis

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

Peak Number 10 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	12.55 ug/L	116138	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	94
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3		o-Cymene	134	C10H14	000527-84-4	94
4		o-Cymene	134	C10H14	000527-84-4	94
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007941.D
Acq On : 27 Dec 2018 01:08
Operator : SY/AP
Sample : J6506-01
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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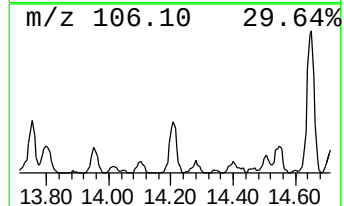
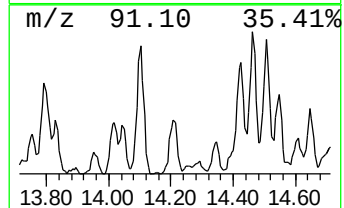
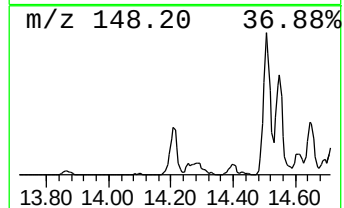
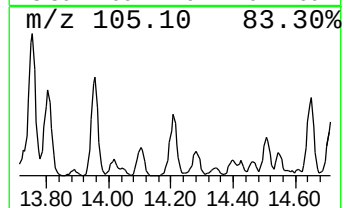
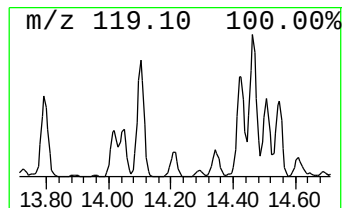
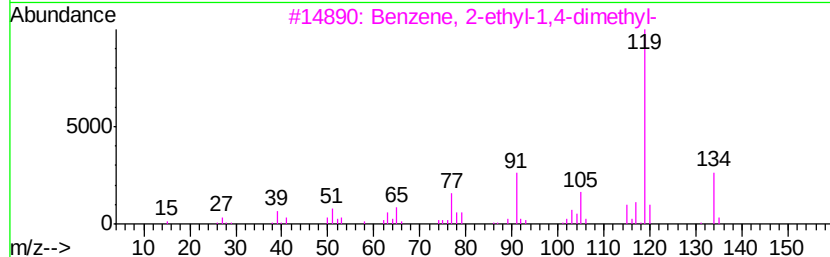
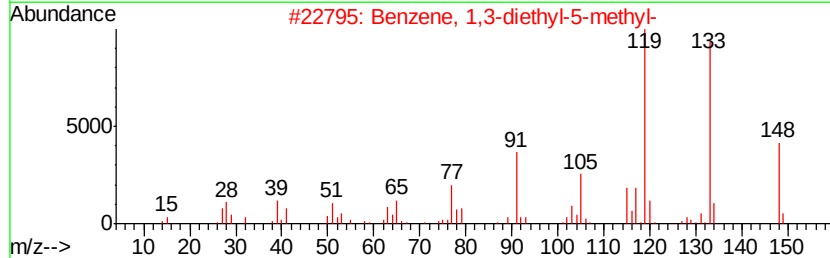
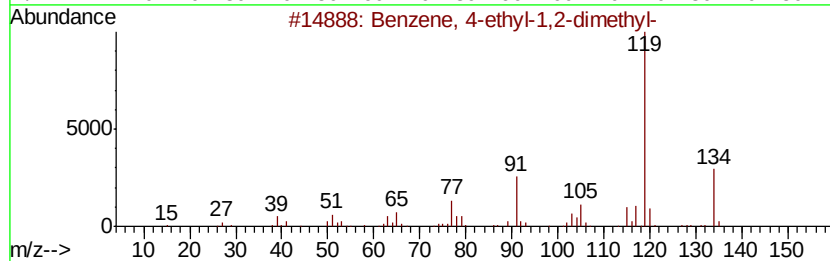
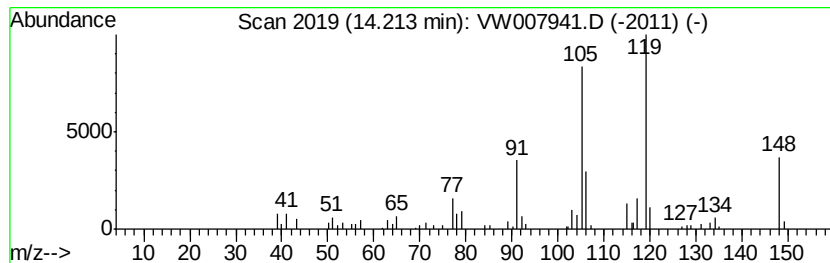
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	6.10 ug/L	56487	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	80
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
5			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007941.D
Acq On : 27 Dec 2018 01:08
Operator : SY/AP
Sample : J6506-01
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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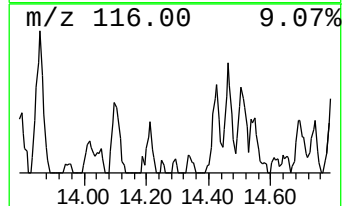
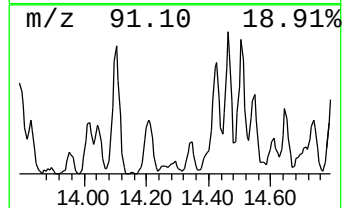
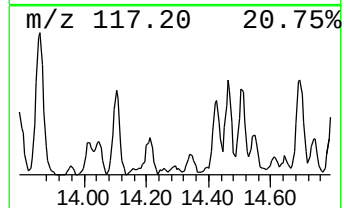
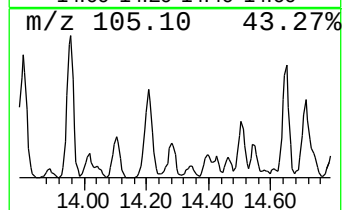
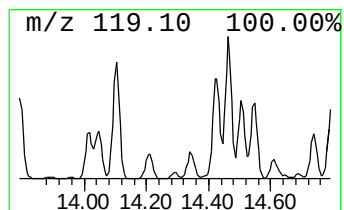
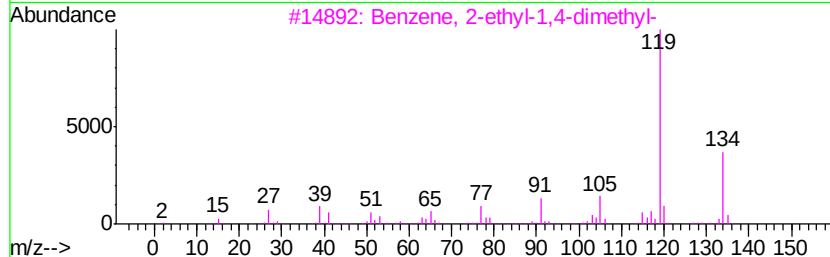
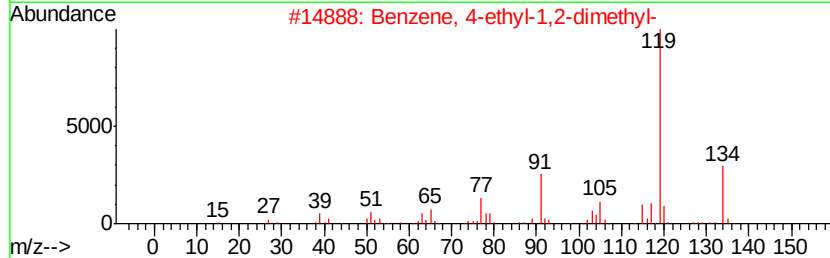
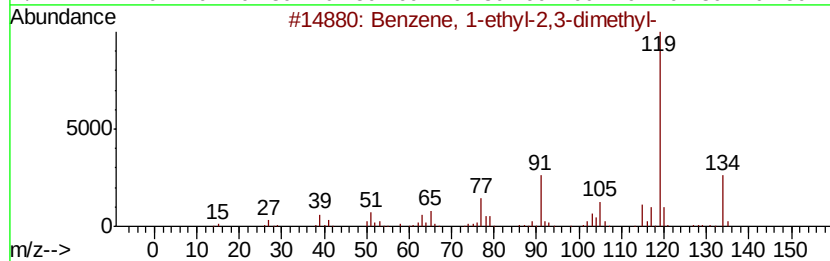
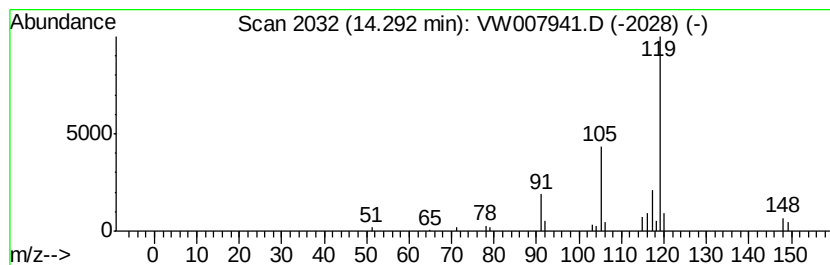
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	1.39 ug/L	12842	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	59
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	59
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007941.D
Acq On : 27 Dec 2018 01:08
Operator : SY/AP
Sample : J6506-01
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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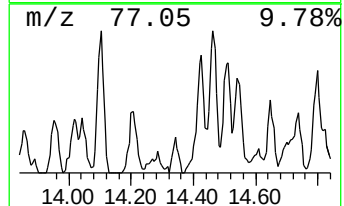
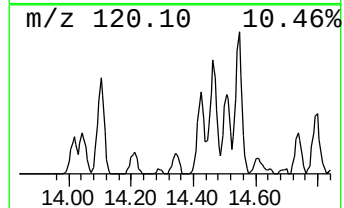
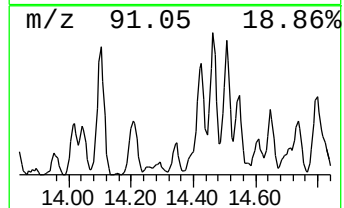
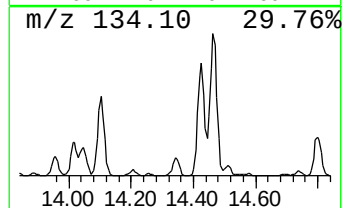
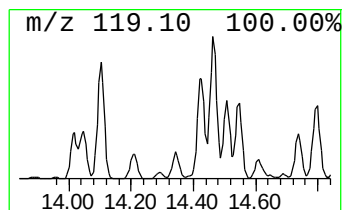
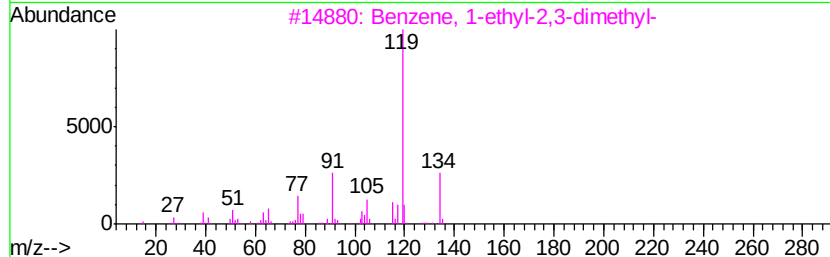
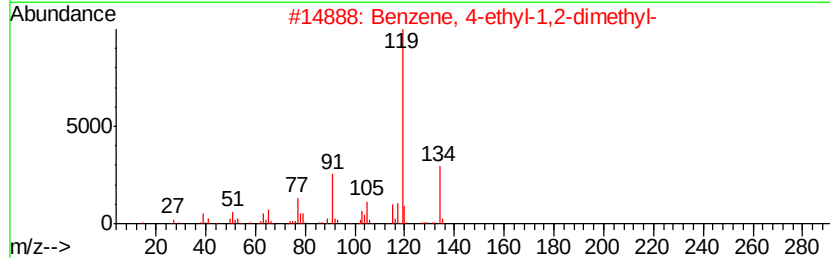
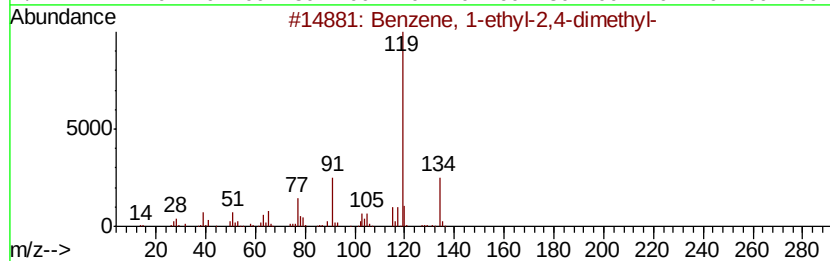
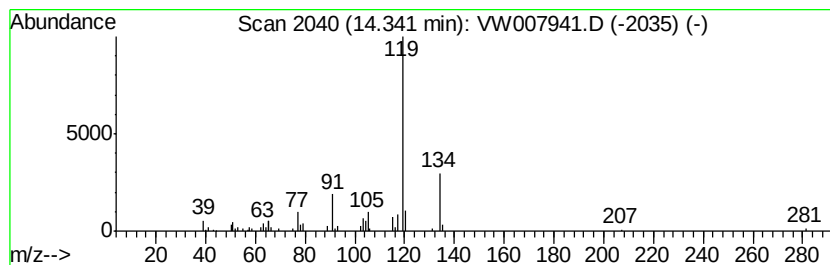
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	3.17 ug/L	29366	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	95
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5		o-Cymene	134	C10H14	000527-84-4	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007941.D
Acq On : 27 Dec 2018 01:08
Operator : SY/AP
Sample : J6506-01
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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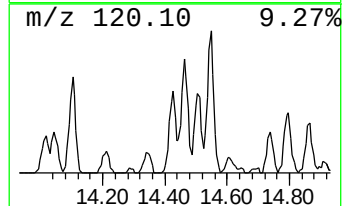
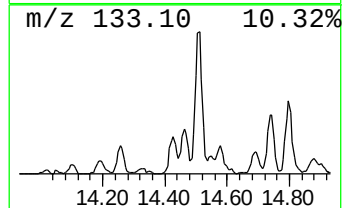
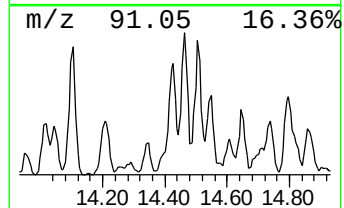
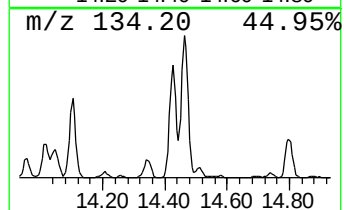
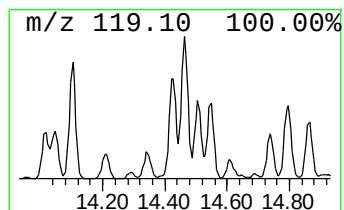
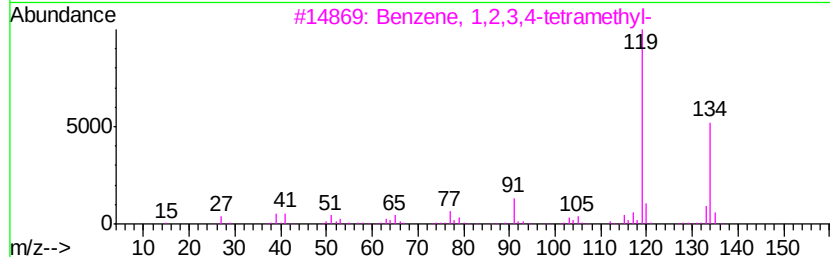
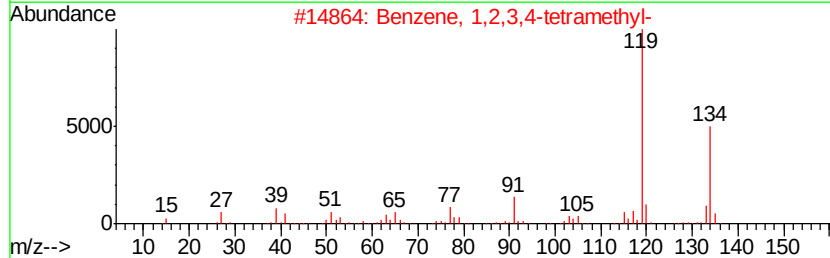
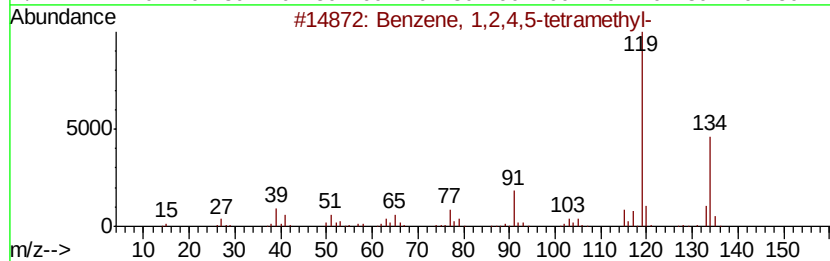
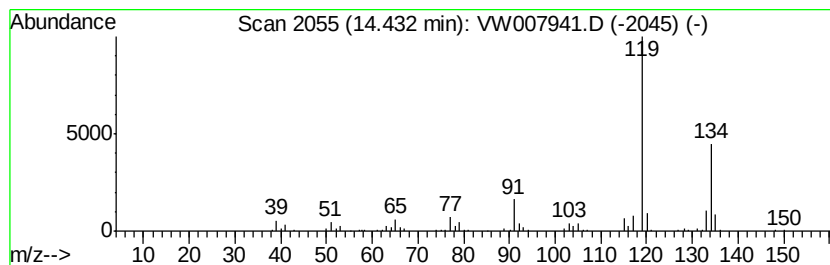
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Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	13.98 ug/L	129364	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	96
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007941.D
Acq On : 27 Dec 2018 01:08
Operator : SY/AP
Sample : J6506-01
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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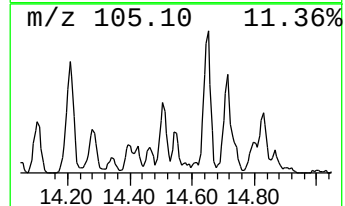
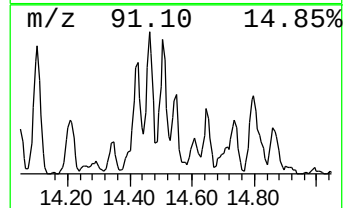
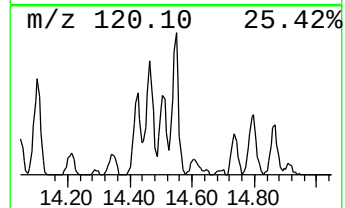
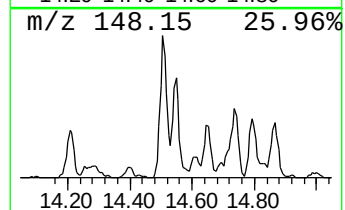
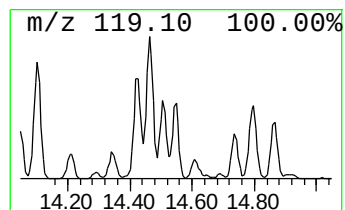
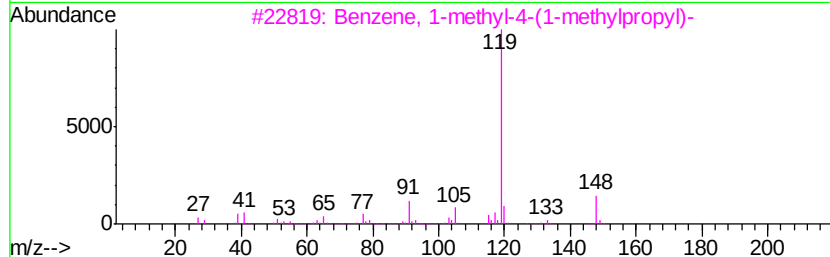
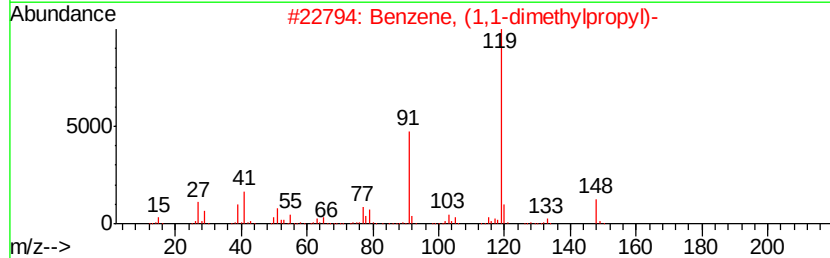
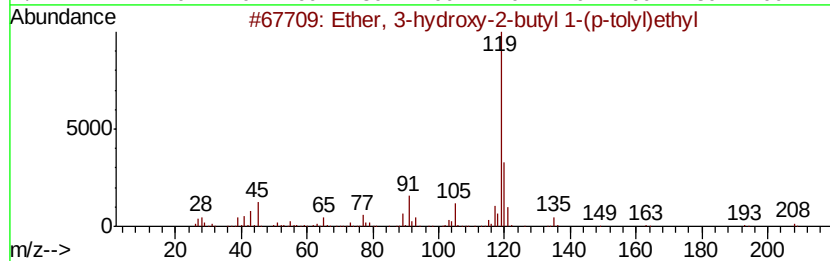
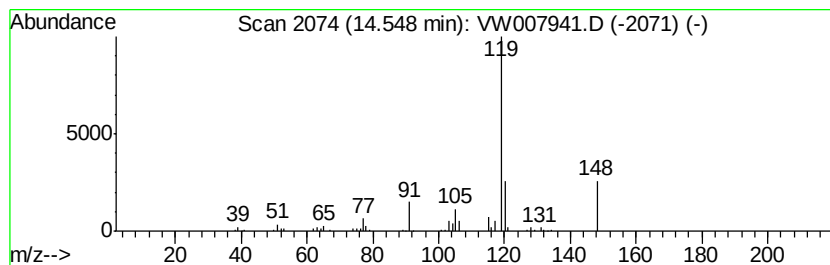
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Quant Title : VOC Analysis

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

Peak Number 17 Ether, 3-hydroxy-2-butyl 1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	8.34 ug/L	77166	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ether, 3-hydroxy-2-butyl 1-(p-to...	208	C13H20O2	1000149-41-9	64
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007941.D
Acq On : 27 Dec 2018 01:08
Operator : SY/AP
Sample : J6506-01
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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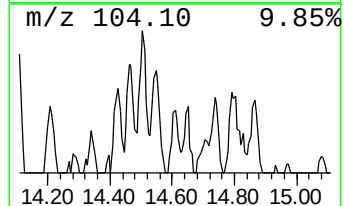
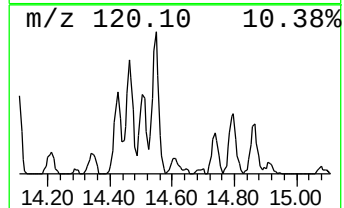
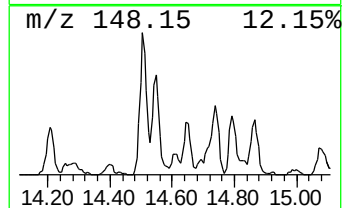
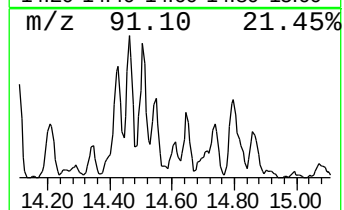
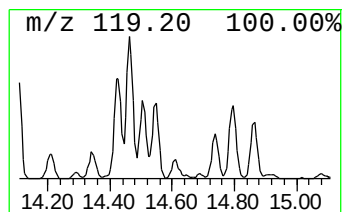
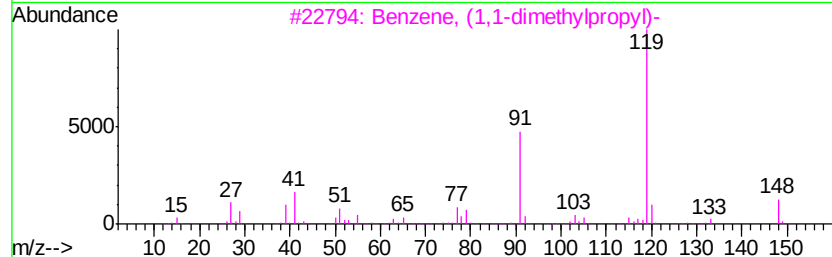
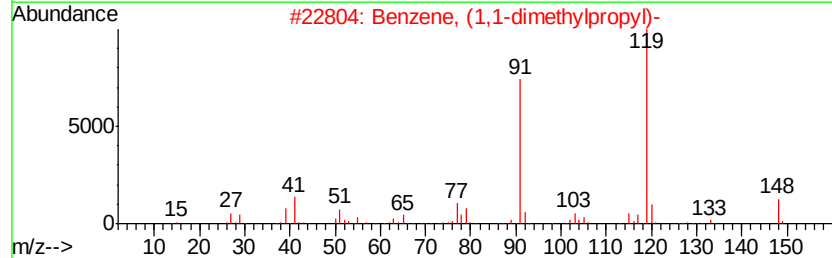
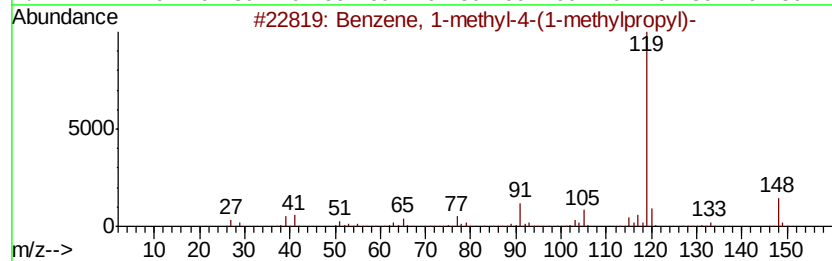
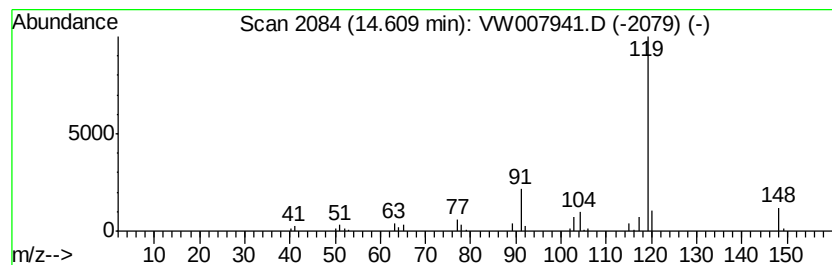
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Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 1-methyl-4-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	3.09 ug/L	28639	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	86
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	80
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
4		Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	72
5		4'-Methylpropiophenone	148	C10H12O	005337-93-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007941.D
Acq On : 27 Dec 2018 01:08
Operator : SY/AP
Sample : J6506-01
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

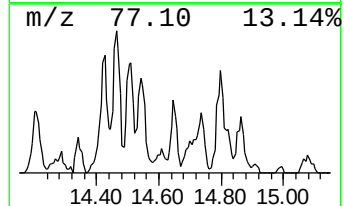
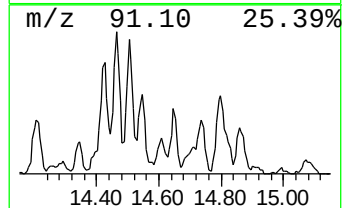
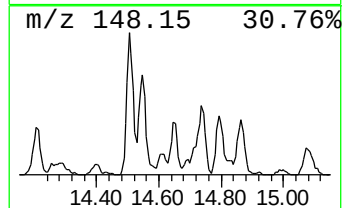
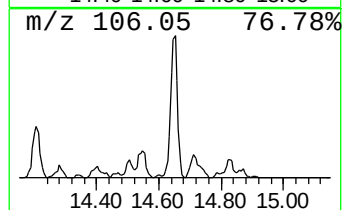
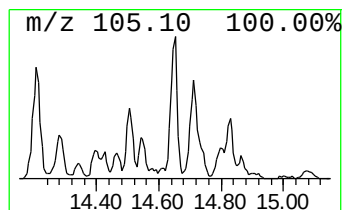
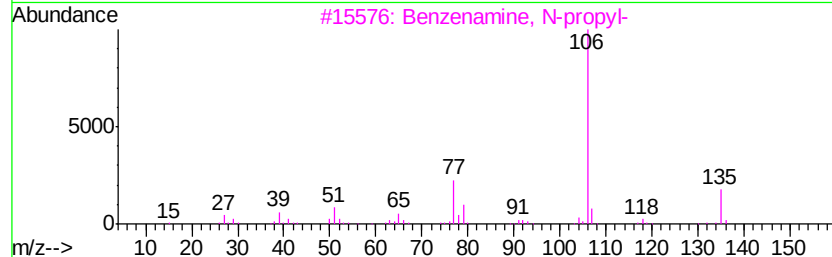
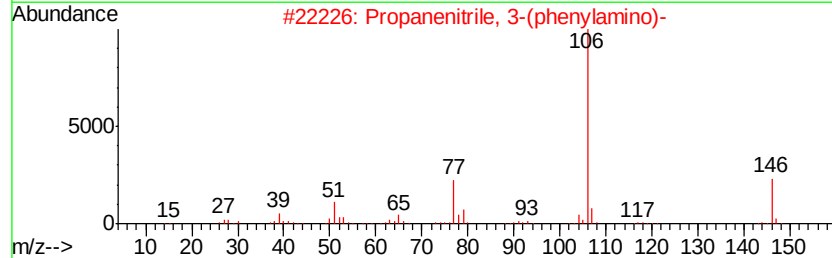
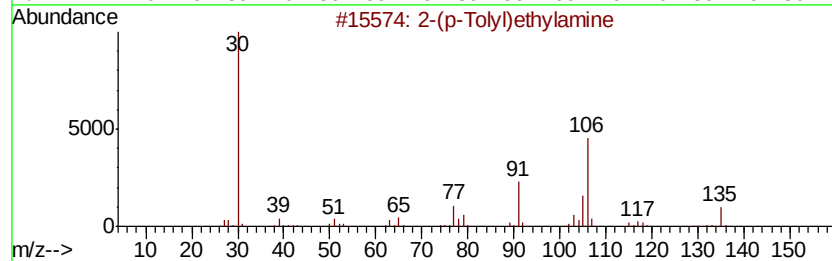
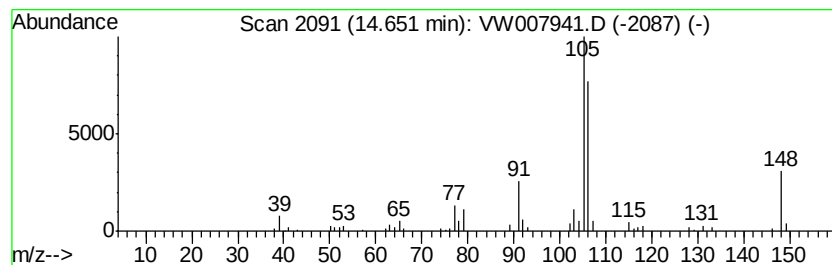
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis

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

Peak Number 19 2-(p-Tolyl)ethylamine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.65	4.70 ug/L	43493	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	64
2	Propanenitrile, 3-(phenylamino)-	146	C9H10N2	001075-76-9	50
3	Benzenamine, N-propyl-	135	C9H13N	000622-80-0	47
4	Pyridine, 5-ethyl-2-methyl-	121	C8H11N	000104-90-5	47
5	Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007941.D
Acq On : 27 Dec 2018 01:08
Operator : SY/AP
Sample : J6506-01
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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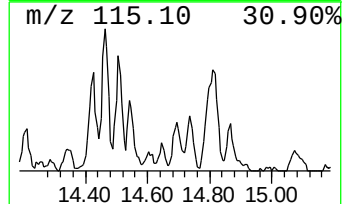
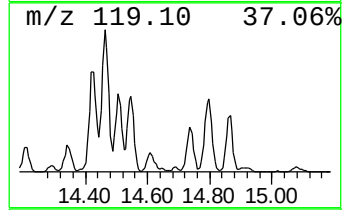
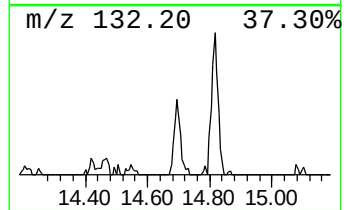
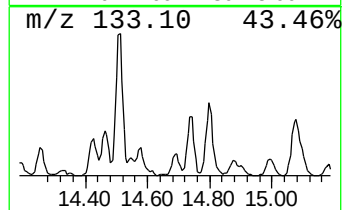
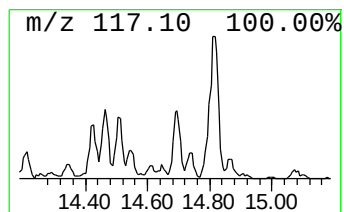
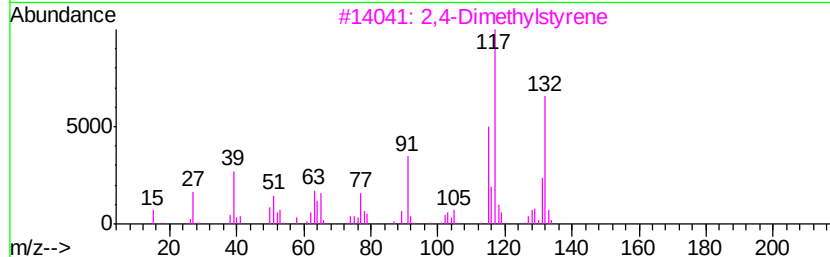
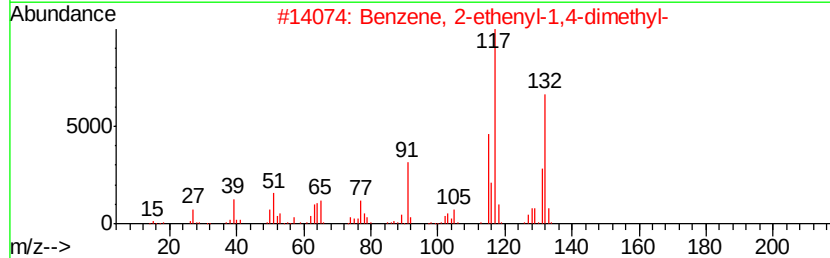
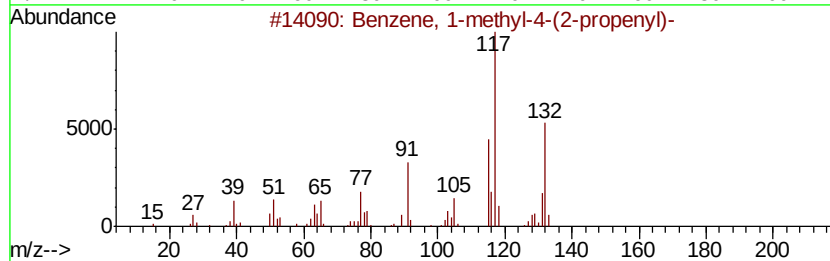
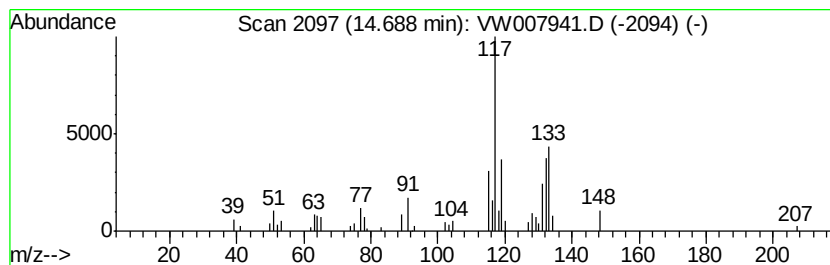
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Quant Title : VOC Analysis

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

Peak Number 20 Benzene, 1-methyl-4-(2-prop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	3.73 ug/L	34512	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	92
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70
3		2,4-Dimethylstyrene	132	C10H12	002234-20-0	70
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	70
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007941.D
Acq On : 27 Dec 2018 01:08
Operator : SY/AP
Sample : J6506-01
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BEZX8

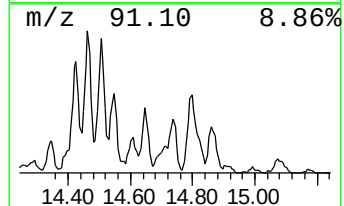
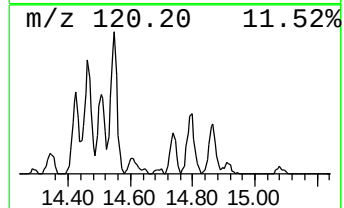
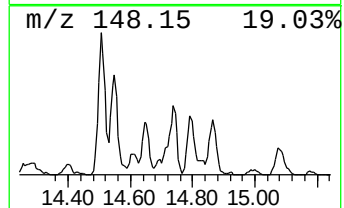
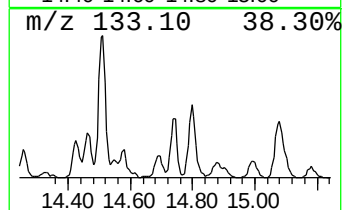
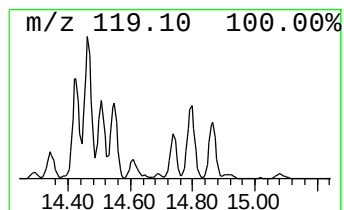
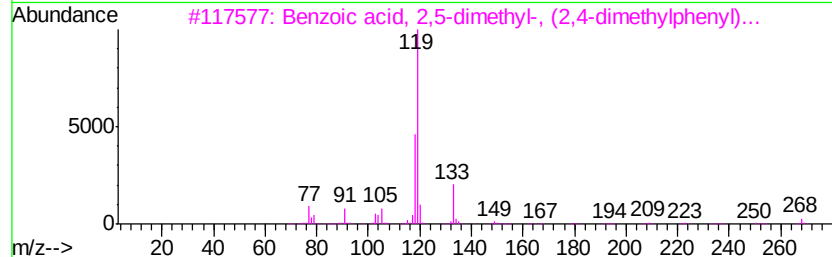
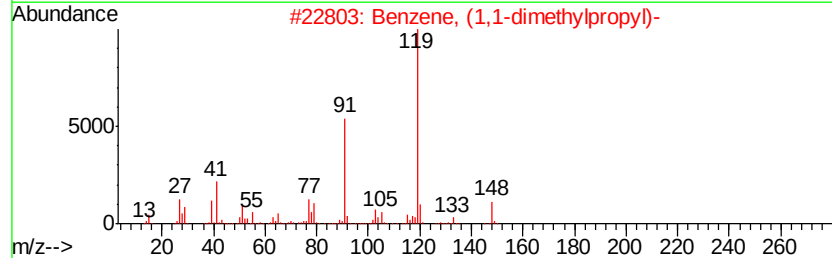
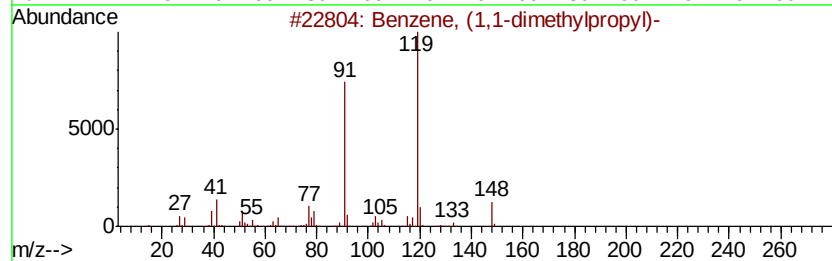
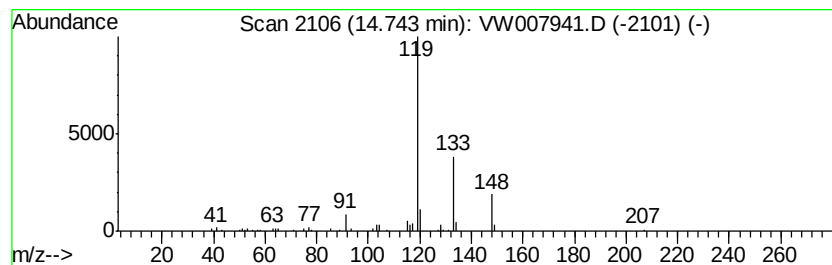
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Quant Title : VOC Analysis

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

Peak Number 21 Benzene, (1,1-dimethylpropyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	6.61 ug/L	61211	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
3		Benzoic acid, 2,5-dimethyl-, (2,...	268	C18H20O2	055000-48-1	64
4		Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	64
5		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007941.D
Acq On : 27 Dec 2018 01:08
Operator : SY/AP
Sample : J6506-01
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BEZX8

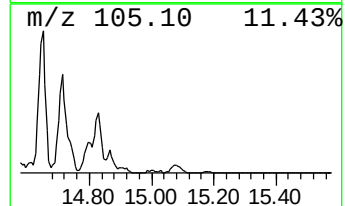
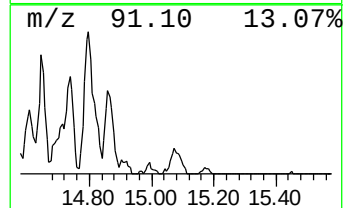
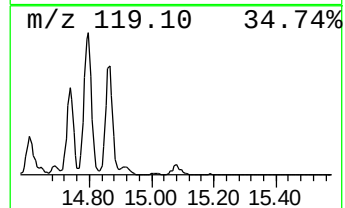
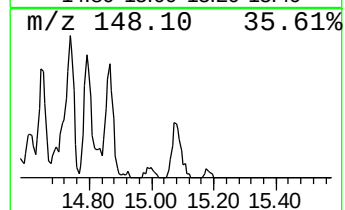
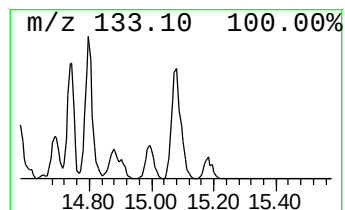
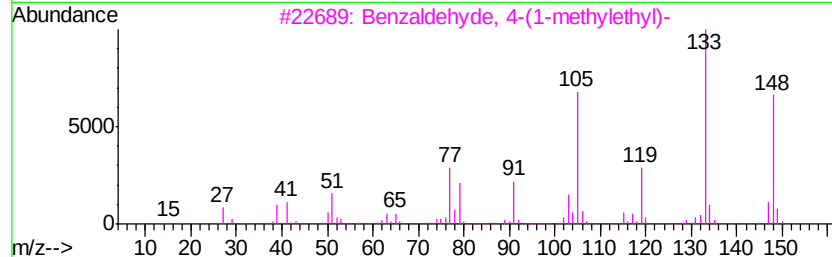
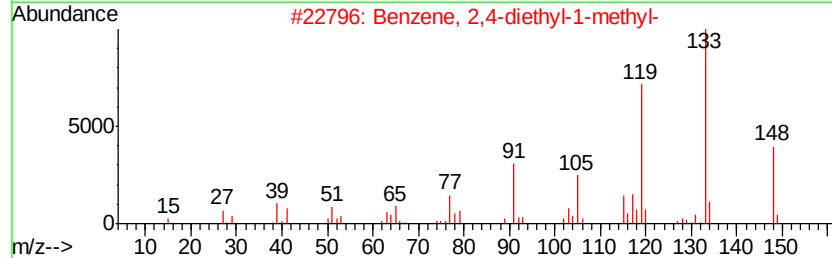
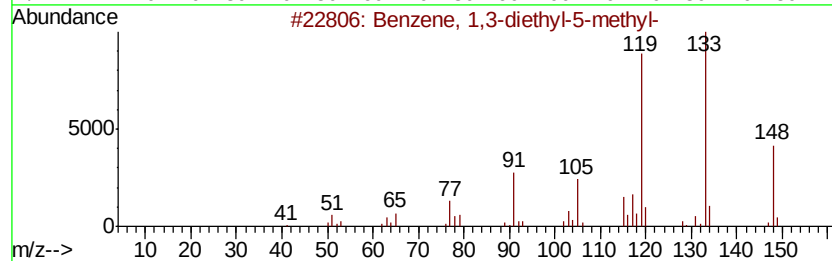
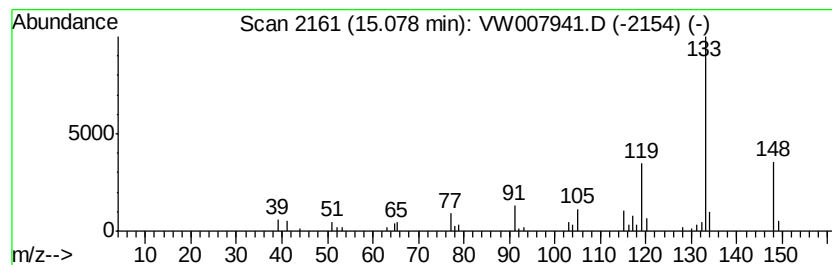
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis

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

Peak Number 24 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	2.49 ug/L	23044	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	92
2			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	92
3			Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	91
4			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	90
5			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	86



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\
 Data File : VW007941.D
 Acq On : 27 Dec 2018 01:08
 Operator : SY/AP
 Sample : J6506-01
 Misc : 5.76G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEZX8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.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
1-Octadecyne	12.91	1.3	ug/L	12434	3	13.56	231393	25.0
Bicyclo[3.1.1]hep...	13.06	4.4	ug/L	40438	3	13.56	231393	25.0
Benzene, 1,2-diet...	13.72	1.4	ug/L	12690	3	13.56	231393	25.0
Benzene, 1-methyl...	13.76	5.8	ug/L	54061	3	13.56	231393	25.0
Benzene, 2-ethyl-...	13.79	11.1	ug/L	102880	3	13.56	231393	25.0
Benzene, 1-methyl...	13.96	3.4	ug/L	31205	3	13.56	231393	25.0
Benzene, 2-ethyl-...	14.02	5.6	ug/L	51418	3	13.56	231393	25.0
Benzene, 1,2,3,4-...	14.05	4.9	ug/L	44946	3	13.56	231393	25.0
o-Cymene	14.10	12.6	ug/L	116138	3	13.56	231393	25.0
Benzene, 4-ethyl-...	14.21	6.1	ug/L	56487	3	13.56	231393	25.0
Benzene, 1-ethyl-...	14.29	1.4	ug/L	12842	3	13.56	231393	25.0
Benzene, 1-ethyl-...	14.34	3.2	ug/L	29366	3	13.56	231393	25.0
Benzene, 1,2,4,5-...	14.43	14.0	ug/L	129364	3	13.56	231393	25.0
Ether, 3-hydroxy-...	14.55	8.3	ug/L	77166	3	13.56	231393	25.0
Benzene, 1-methyl...	14.61	3.1	ug/L	28639	3	13.56	231393	25.0
2-(p-Tolyl)ethyla...	14.65	4.7	ug/L	43493	3	13.56	231393	25.0
Benzene, 1-methyl...	14.69	3.7	ug/L	34512	3	13.56	231393	25.0
Benzene, (1,1-dim...	14.74	6.6	ug/L	61211	3	13.56	231393	25.0
Benzene, 1,3-diet...	15.08	2.5	ug/L	23044	3	13.56	231393	25.0