

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122719\
 Data File : VW014486.D
 Acq On : 28 Dec 2019 03:02
 Operator : SY/VA
 Sample : K6397-02
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

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\SOM2WLM122719S.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	1.965	5	10	19	rVB3	12100	26983	0.60%	0.068%
2	2.148	36	40	46	rBV4	11567	24872	0.55%	0.063%
3	2.349	65	73	85	rBV	362286	686826	15.19%	1.730%
4	2.617	113	117	118	rBV4	11750	13913	0.31%	0.035%
5	2.885	153	161	175	rBV	226742	557910	12.34%	1.405%
6	3.385	237	243	254	rVB3	16489	38104	0.84%	0.096%
7	3.531	265	267	272	rVB3	2505	2826	0.06%	0.007%
8	3.580	272	275	280	rVV6	1644	2983	0.07%	0.008%
9	3.617	280	281	284	rVB3	1188	1028	0.02%	0.003%
10	4.019	334	347	360	rBV	491598	1578404	34.90%	3.975%
11	4.385	403	407	416	rVB4	3712	8167	0.18%	0.021%
12	4.909	481	493	512	rBV3	34469	139036	3.07%	0.350%
13	5.086	520	522	523	rBV2	1099	1011	0.02%	0.003%
14	5.153	532	533	544	rVB5	3080	6306	0.14%	0.016%
15	5.397	571	573	575	rBV3	1084	1339	0.03%	0.003%
16	5.421	575	577	581	rVV5	1534	2336	0.05%	0.006%
17	5.751	621	631	632	rBV3	9265	20214	0.45%	0.051%
18	5.927	651	660	661	rBV4	5804	10669	0.24%	0.027%
19	6.366	731	732	736	rVB3	935	1011	0.02%	0.003%
20	6.885	813	817	820	rBV7	1474	1917	0.04%	0.005%
21	7.074	838	848	853	rBV	151523	421463	9.32%	1.061%
22	7.519	915	921	922	rBV4	1490	2164	0.05%	0.005%
23	7.531	922	923	930	rVV5	2045	3329	0.07%	0.008%
24	7.647	931	942	956	rVV	673634	1671541	36.96%	4.209%
25	7.915	976	986	988	rBV8	5303	9310	0.21%	0.023%
26	8.031	997	1005	1011	rBV6	5457	14161	0.31%	0.036%
27	8.153	1019	1025	1030	rBV5	5422	11614	0.26%	0.029%
28	8.275	1032	1045	1060	rBV2	1528156	4522008	100.00%	11.387%
29	8.470	1071	1077	1089	rVB2	15528	39581	0.88%	0.100%
30	8.628	1098	1103	1105	rBV4	1133	1671	0.04%	0.004%
31	8.689	1108	1113	1121	rVB5	6038	13915	0.31%	0.035%
32	8.841	1127	1138	1149	rBV	1372799	2744674	60.70%	6.912%
33	9.073	1167	1176	1185	rVB9	6020	15339	0.34%	0.039%
34	9.274	1196	1209	1223	rBV	959666	1999295	44.21%	5.035%

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35	9.378	1223	1226	1232	rVV4	8967	17215	0.38%	0.043%
36	9.463	1235	1240	1245	rBV4	2988	5827	0.13%	0.015%
37	9.585	1254	1260	1261	rBV5	1953	3333	0.07%	0.008%
38	9.616	1261	1265	1266	rVV4	1178	1520	0.03%	0.004%
39	9.756	1279	1288	1296	rBV	38794	78432	1.73%	0.198%
40	9.890	1301	1310	1317	rBV2	71224	151816	3.36%	0.382%
41	9.957	1317	1321	1323	rBV3	6928	10258	0.23%	0.026%
42	10.030	1323	1333	1340	rVV	532783	952675	21.07%	2.399%
43	10.091	1340	1343	1356	rVB3	16008	35902	0.79%	0.090%
44	10.213	1357	1363	1364	rBV2	12033	18952	0.42%	0.048%
45	10.244	1364	1368	1373	rVB	34055	59033	1.31%	0.149%
46	10.323	1373	1381	1389	rBV	2191641	3834743	84.80%	9.657%
47	10.500	1406	1410	1415	rVB7	10527	18843	0.42%	0.047%
48	10.573	1415	1422	1432	rBV	343993	593106	13.12%	1.494%
49	10.701	1437	1443	1450	rVV	144268	270349	5.98%	0.681%
50	10.768	1451	1454	1461	rVB6	11615	20573	0.45%	0.052%
51	10.841	1461	1466	1472	rBV5	12390	22648	0.50%	0.057%
52	10.920	1472	1479	1493	rBV	578697	989997	21.89%	2.493%
53	11.061	1493	1502	1516	rVV2	59779	140726	3.11%	0.354%
54	11.170	1516	1520	1527	rVB3	19809	33714	0.75%	0.085%
55	11.341	1543	1548	1551	rBV6	5646	8484	0.19%	0.021%
56	11.439	1554	1564	1570	rVB2	70456	167315	3.70%	0.421%
57	11.512	1571	1576	1586	rVB	14941	26034	0.58%	0.066%
58	11.628	1586	1595	1603	rBV	1834842	3165223	70.00%	7.971%
59	11.841	1621	1630	1633	rBV4	23556	49548	1.10%	0.125%
60	12.140	1674	1679	1680	rBV5	6494	10693	0.24%	0.027%
61	12.243	1692	1696	1702	rBV6	7767	17078	0.38%	0.043%
62	12.323	1707	1709	1710	rBV2	4208	2752	0.06%	0.007%
63	12.463	1729	1732	1737	rBV5	9692	18633	0.41%	0.047%
64	12.603	1748	1755	1761	rVB	193840	350428	7.75%	0.882%
65	12.688	1763	1769	1776	rVB	769811	1255842	27.77%	3.162%
66	12.755	1776	1780	1783	rBV4	7182	10538	0.23%	0.027%
67	12.810	1784	1789	1790	rBV	13936	22689	0.50%	0.057%
68	12.865	1793	1798	1802	rBV4	46457	90209	1.99%	0.227%
69	13.103	1830	1837	1844	rVB3	26671	58008	1.28%	0.146%
70	13.249	1855	1861	1865	rBV	126176	221682	4.90%	0.558%
71	13.298	1865	1869	1884	rVB8	65060	200522	4.43%	0.505%

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72	13.554	1905	1911	1929	rVB	1793126	3087191	68.27%	7.774%
73	13.719	1933	1938	1939	rBV	65404	88518	1.96%	0.223%
74	13.749	1939	1943	1946	rVV	174612	293009	6.48%	0.738%
75	13.792	1946	1950	1954	rVV2	219107	425817	9.42%	1.072%
76	13.853	1954	1960	1968	rVV	1777992	3032903	67.07%	7.637%
77	13.950	1971	1976	1980	rVV	79006	144411	3.19%	0.364%
78	14.011	1981	1986	1988	rVV	119510	210709	4.66%	0.531%
79	14.036	1988	1990	1993	rVV	142076	203984	4.51%	0.514%
80	14.097	1996	2000	2007	rVB	247370	416285	9.21%	1.048%
81	14.200	2012	2017	2022	rVB4	69850	121424	2.69%	0.306%
82	14.334	2036	2039	2045	rVB4	48794	83386	1.84%	0.210%
83	14.420	2048	2053	2056	rVV	165223	278484	6.16%	0.701%
84	14.456	2056	2059	2062	rVV	220576	302131	6.68%	0.761%
85	14.499	2062	2066	2069	rVV	139831	205413	4.54%	0.517%
86	14.536	2070	2072	2079	rVB	57490	74763	1.65%	0.188%
87	14.639	2085	2089	2093	rVB	72690	101425	2.24%	0.255%
88	14.688	2093	2097	2099	rVV2	77725	122071	2.70%	0.307%
89	14.725	2100	2103	2108	rVB2	149719	228504	5.05%	0.575%
90	14.792	2108	2114	2121	rBV4	154254	377869	8.36%	0.952%
91	14.853	2121	2124	2131	rVB	85283	141704	3.13%	0.357%
92	15.066	2149	2159	2169	rBV2	215178	638419	14.12%	1.608%
93	15.176	2171	2177	2185	rVB3	157013	352505	7.80%	0.888%
94	15.322	2196	2201	2204	rBV4	38823	78574	1.74%	0.198%
95	15.365	2205	2208	2212	rVB	68995	101417	2.24%	0.255%
96	15.438	2214	2220	2223	rBV3	137202	278893	6.17%	0.702%
97	15.657	2249	2256	2264	rBV	147334	298013	6.59%	0.750%
98	15.950	2300	2304	2309	rVV2	48498	82446	1.82%	0.208%
99	16.023	2310	2316	2329	rVB4	77692	216079	4.78%	0.544%
100	16.645	2410	2418	2426	rBV2	76148	193729	4.28%	0.488%

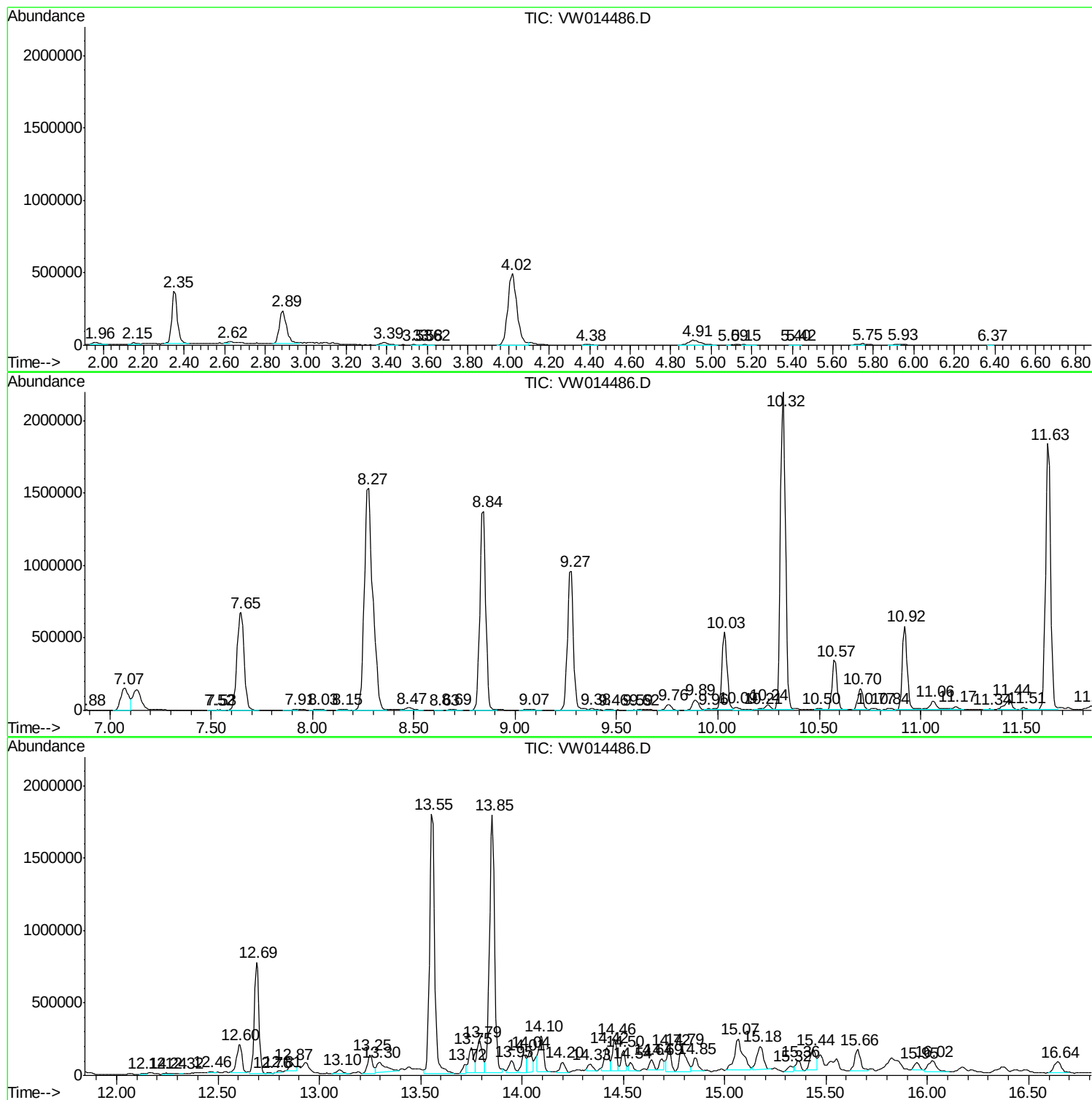
Sum of corrected areas: 39711336

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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



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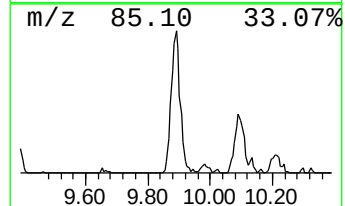
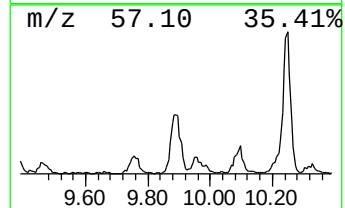
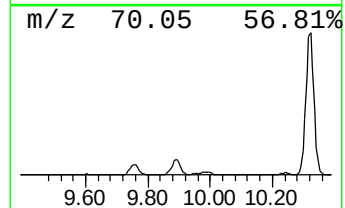
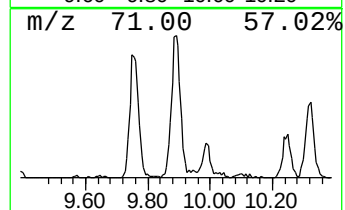
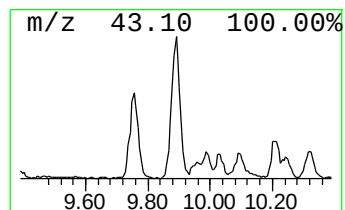
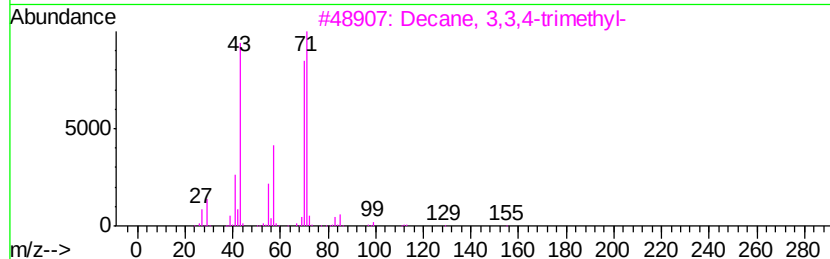
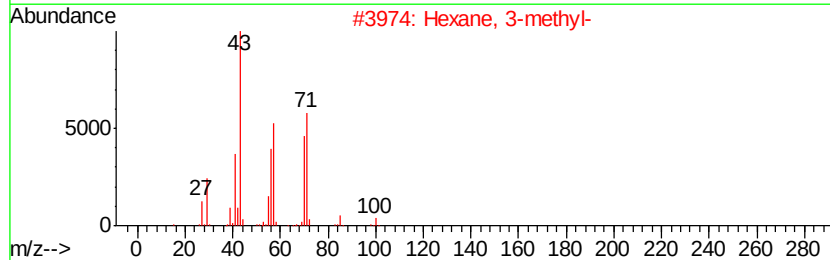
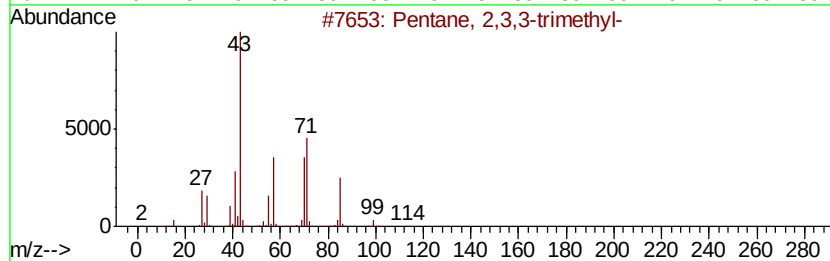
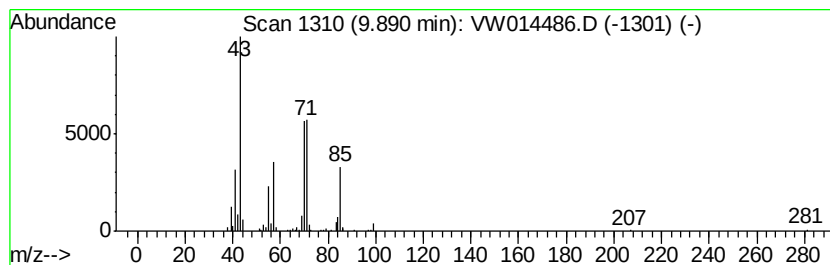
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	1.38 ug/L	151816	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	59
3			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59
4			Pentane, 3-ethyl-	100	C7H16	000617-78-7	53
5			Propanoic acid, 2-methyl-, 2-eth...	200	C12H24O2	035061-61-1	53



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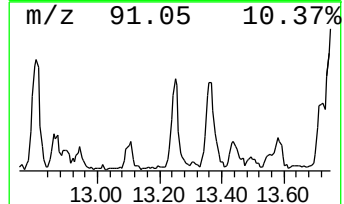
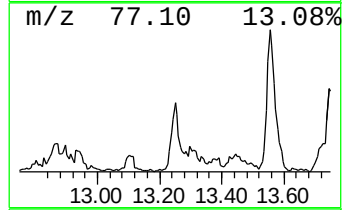
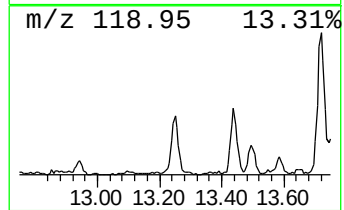
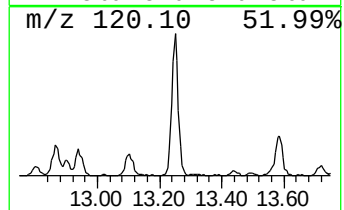
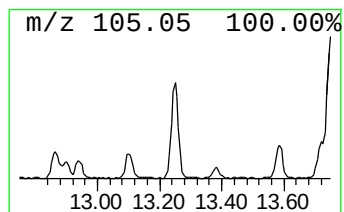
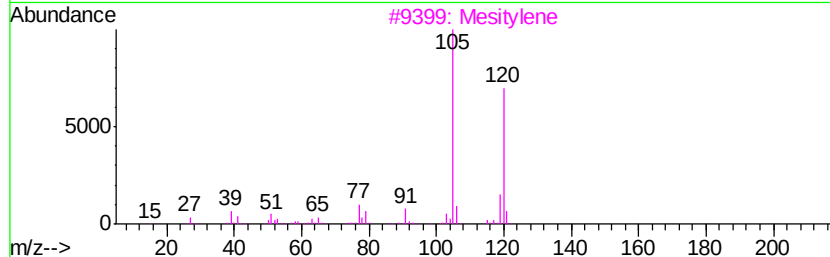
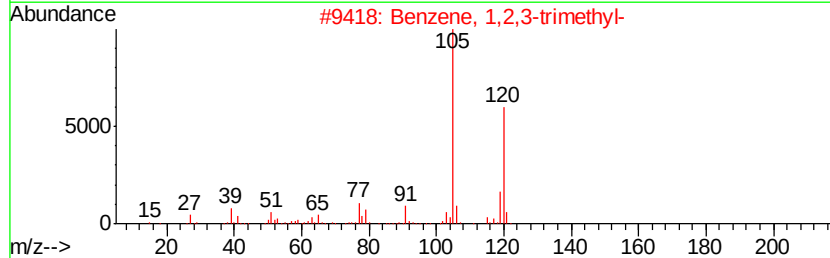
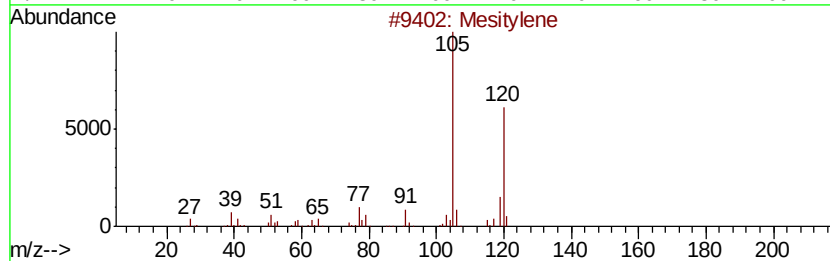
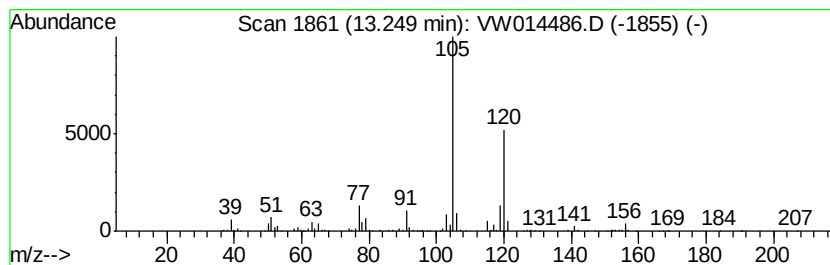
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Quant Title : VOC Analysis

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

Peak Number 7 Mesitylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	1.80 ug/L	221682	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene		120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	97
3	Mesitylene		120	C9H12	000108-67-8	97
4	Benzene, 1,2,4-trimethyl-		120	C9H12	000095-63-6	95
5	Mesitylene		120	C9H12	000108-67-8	94



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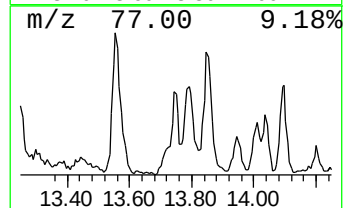
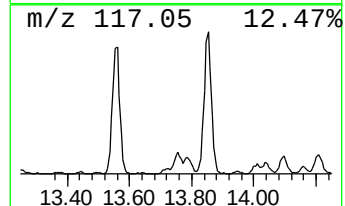
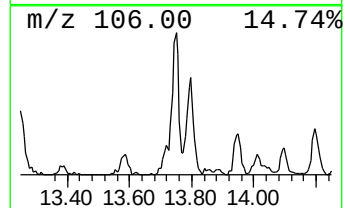
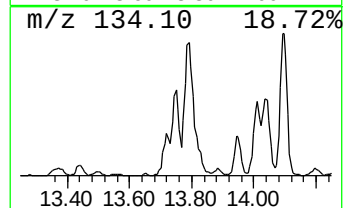
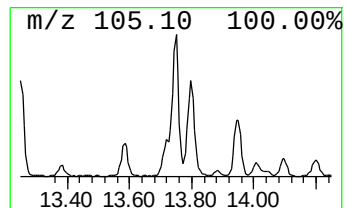
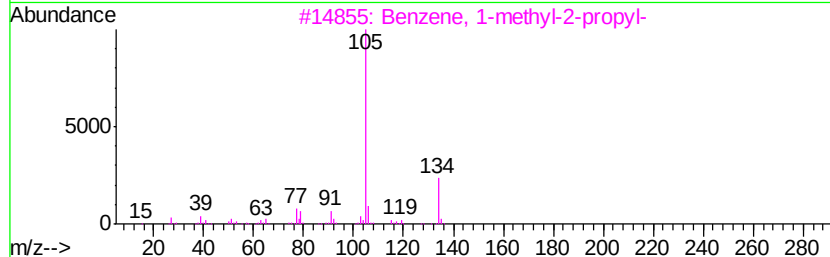
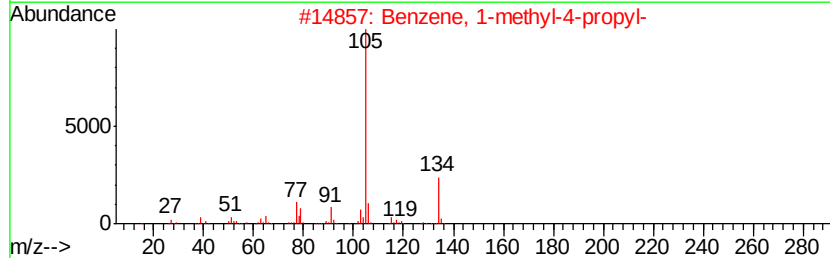
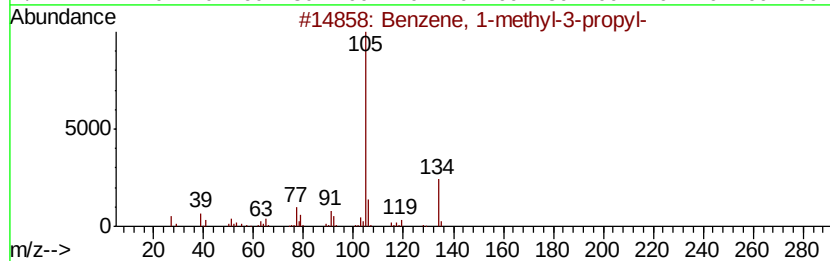
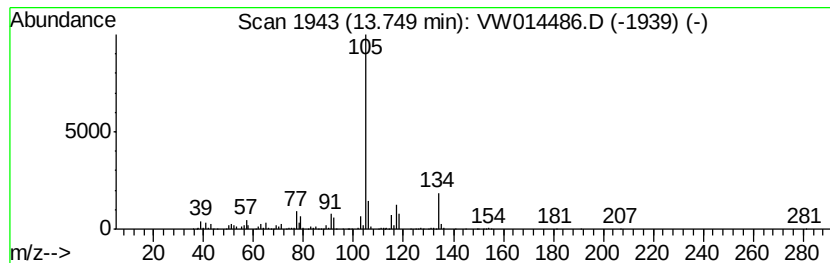
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ClientSampled :
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Quant Title : VOC Analysis

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Peak Number 9 Benzene, 1-methyl-3-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	2.37 ug/L	293009	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-methyl-3-propyl-	134 C10H14	001074-43-7	81
2	Benzene, 1-methyl-4-propyl-	134 C10H14	001074-55-1	68
3	Benzene, 1-methyl-2-propyl-	134 C10H14	001074-17-5	68
4	Benzene, 1-methyl-4-propyl-	134 C10H14	001074-55-1	64
5	Benzene, 1-methyl-3-propyl-	134 C10H14	001074-43-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014486.D
Acq On : 28 Dec 2019 03:02
Operator : SY/VA
Sample : K6397-02
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

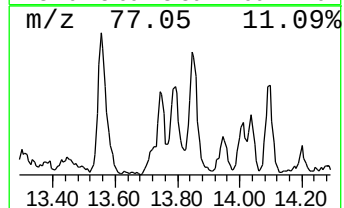
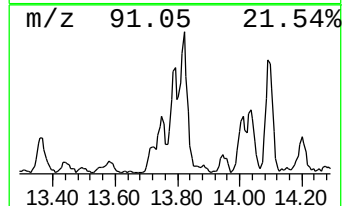
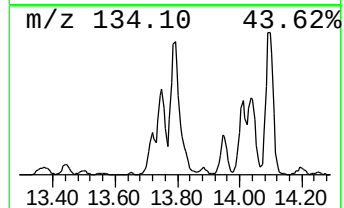
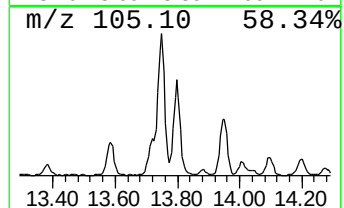
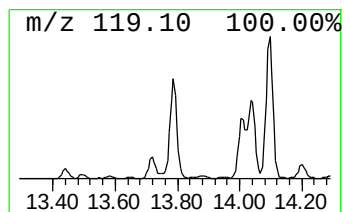
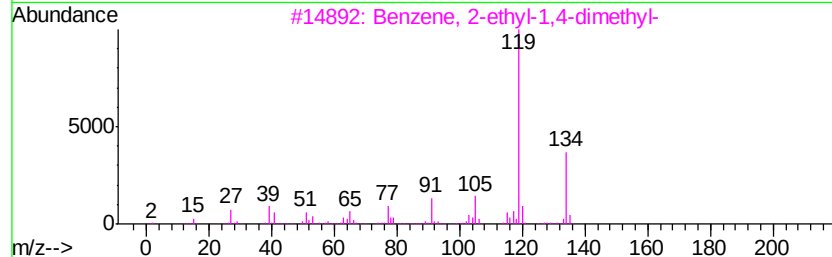
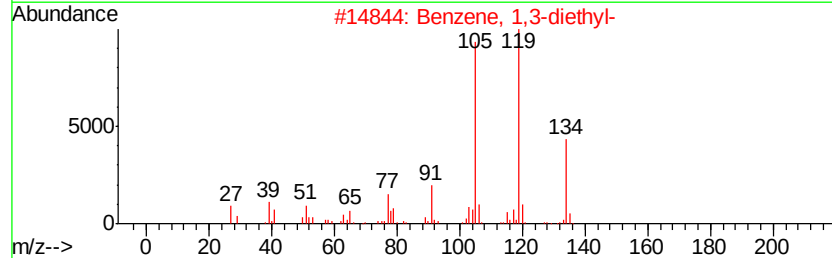
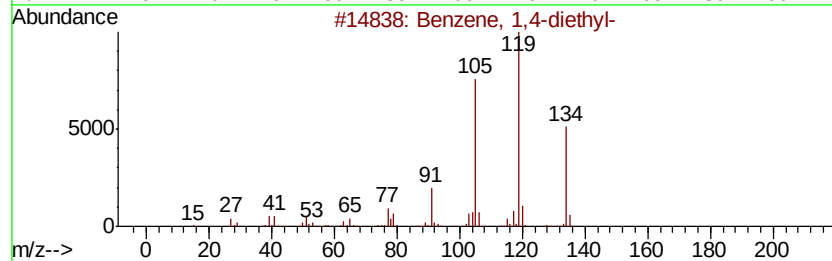
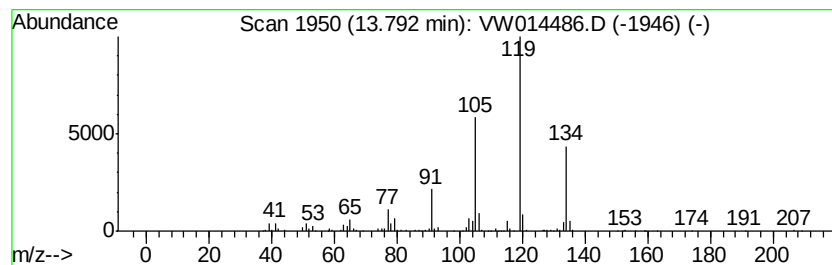
Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1,4-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	3.45 ug/L	425817	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,4-diethyl-	134 C10H14	000105-05-5 94
2		Benzene, 1,3-diethyl-	134 C10H14	000141-93-5 91
3		Benzene, 2-ethyl-1,4-dimethyl-	134 C10H14	001758-88-9 90
4		Benzene, 1-ethyl-3,5-dimethyl-	134 C10H14	000934-74-7 87
5		Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3 83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014486.D
Acq On : 28 Dec 2019 03:02
Operator : SY/VA
Sample : K6397-02
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

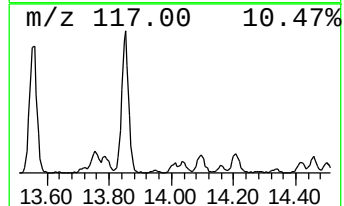
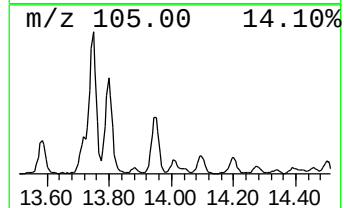
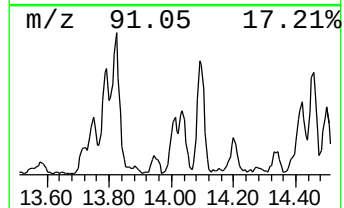
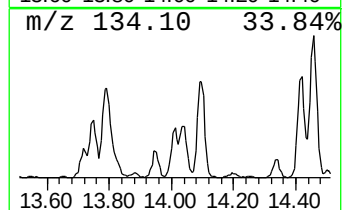
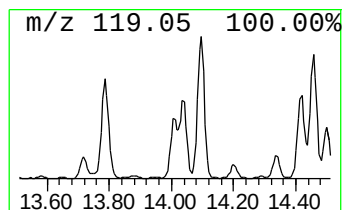
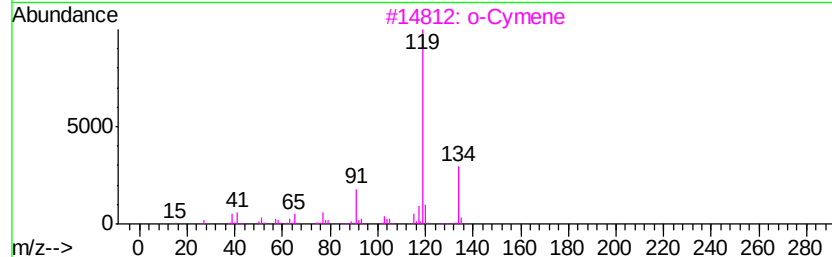
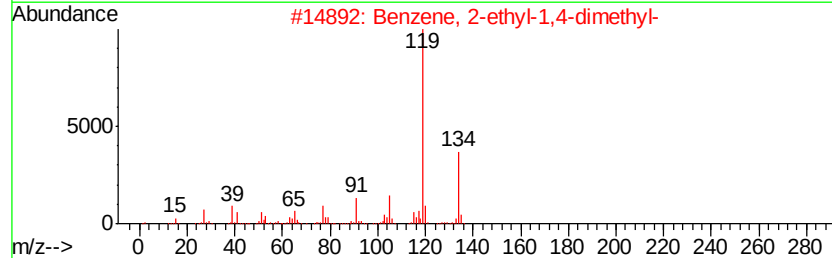
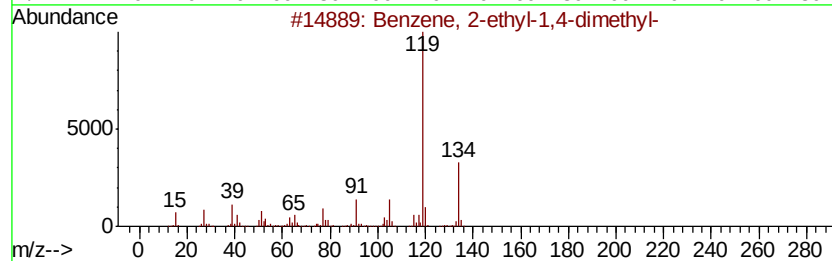
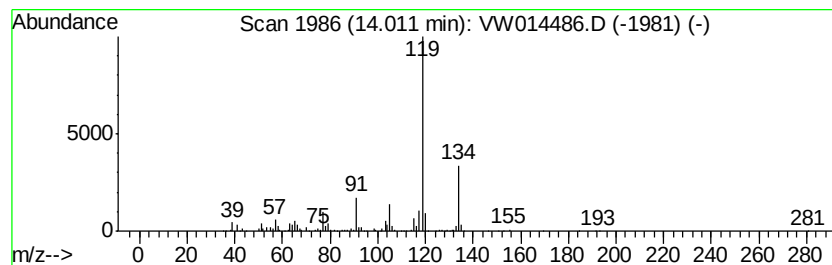
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	1.71 ug/L	210709	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	97
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3		o-Cymene	134	C10H14	000527-84-4	94
4		o-Cymene	134	C10H14	000527-84-4	94
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014486.D
Acq On : 28 Dec 2019 03:02
Operator : SY/VA
Sample : K6397-02
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

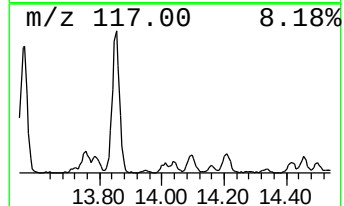
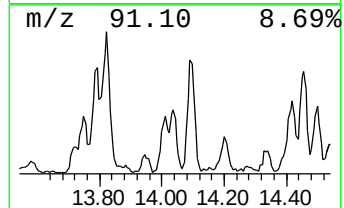
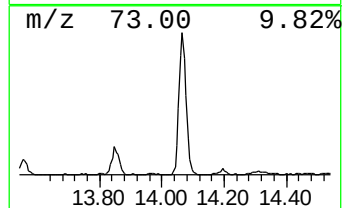
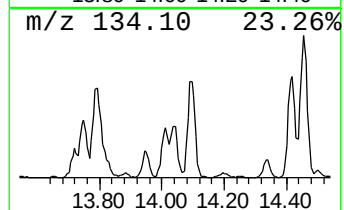
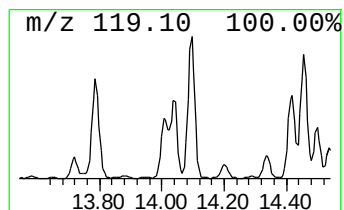
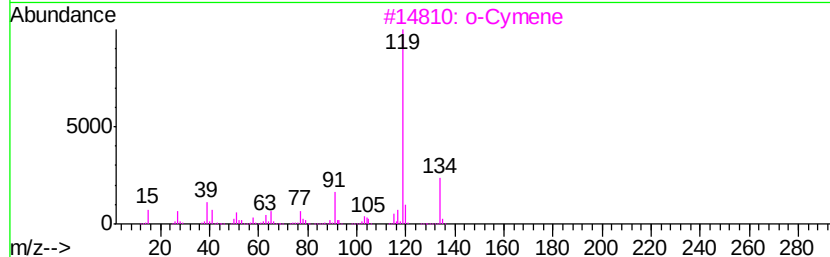
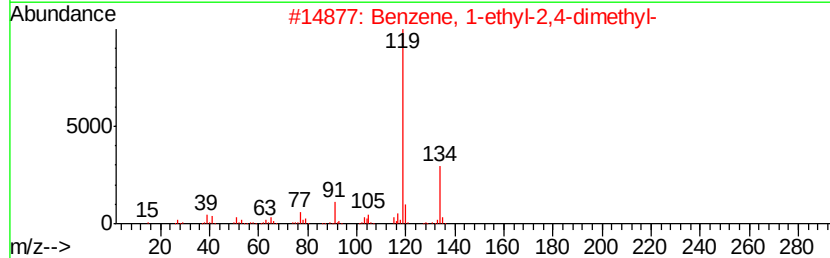
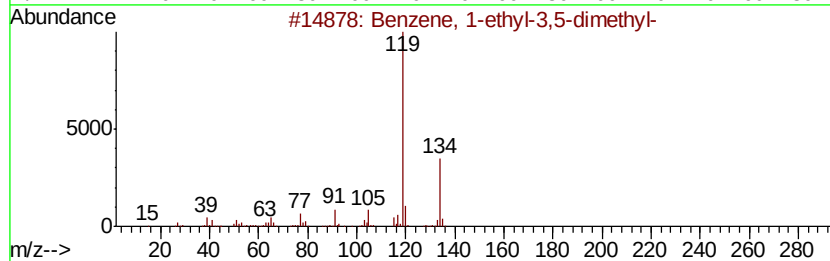
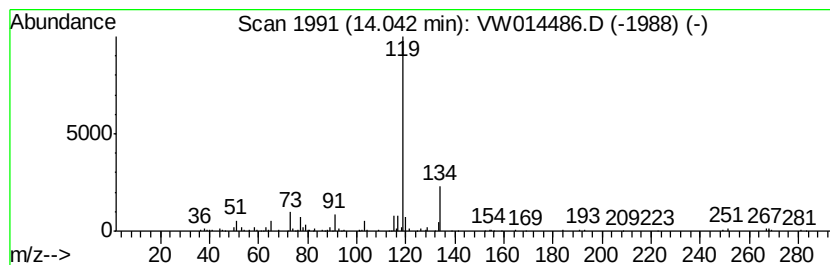
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	1.65 ug/L	203984	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3		o-Cymene	134	C10H14	000527-84-4	91
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014486.D
Acq On : 28 Dec 2019 03:02
Operator : SY/VA
Sample : K6397-02
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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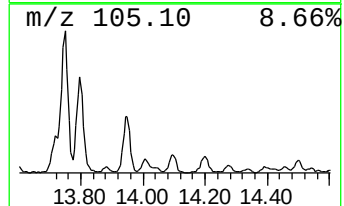
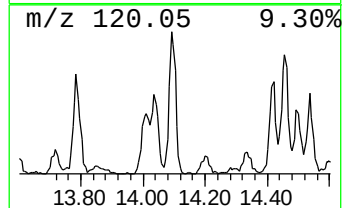
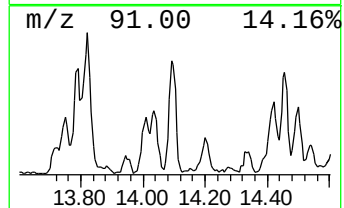
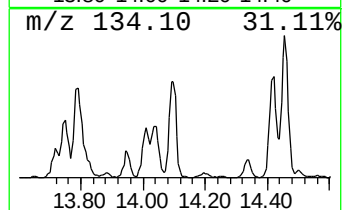
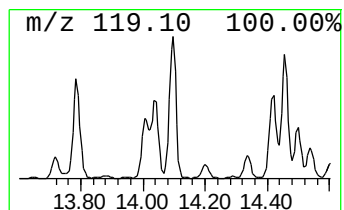
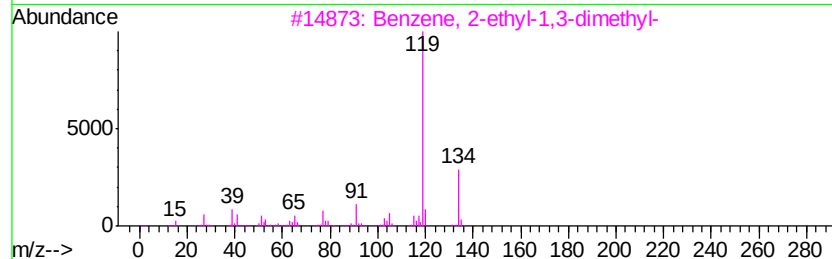
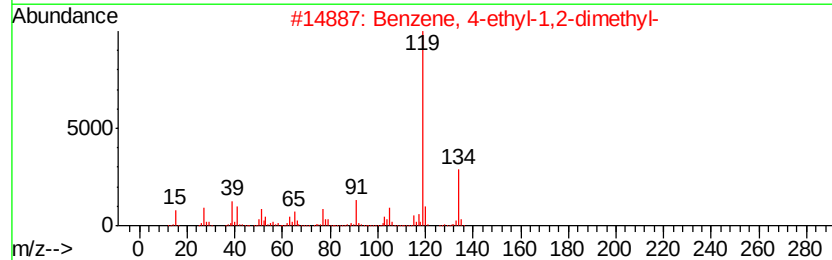
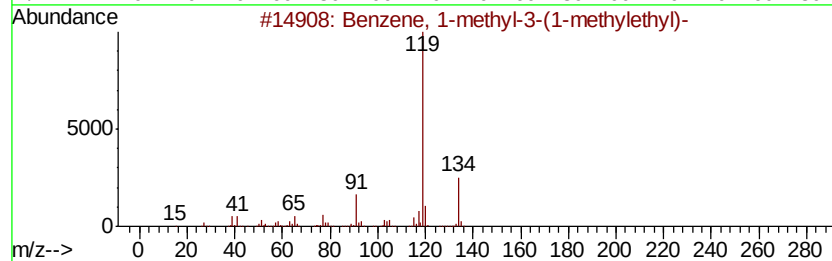
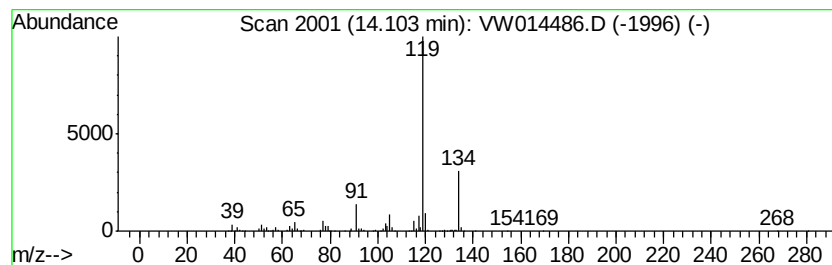
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 1-methyl-3-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	3.37 ug/L	416285	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014486.D
Acq On : 28 Dec 2019 03:02
Operator : SY/VA
Sample : K6397-02
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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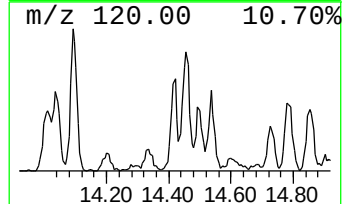
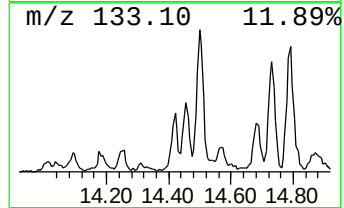
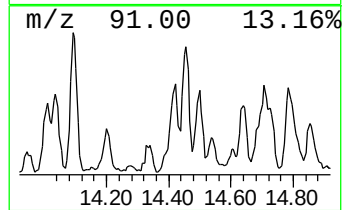
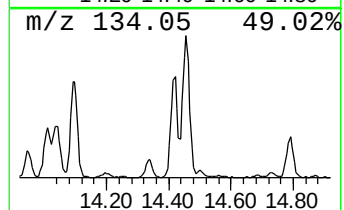
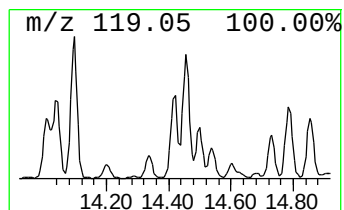
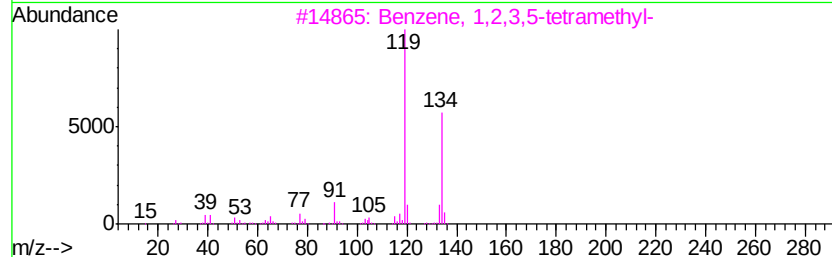
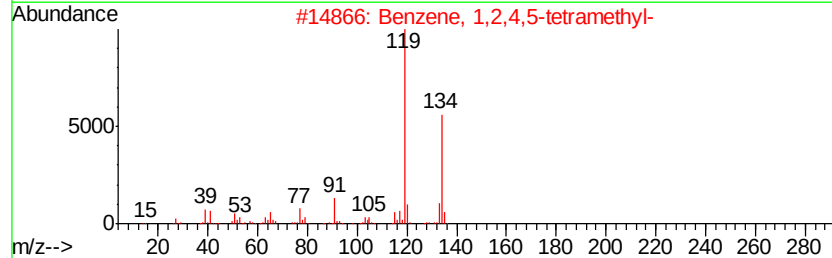
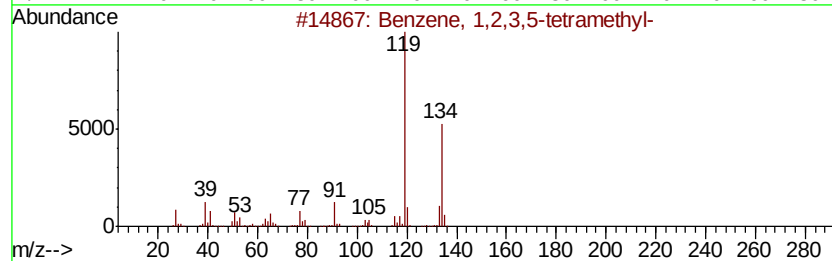
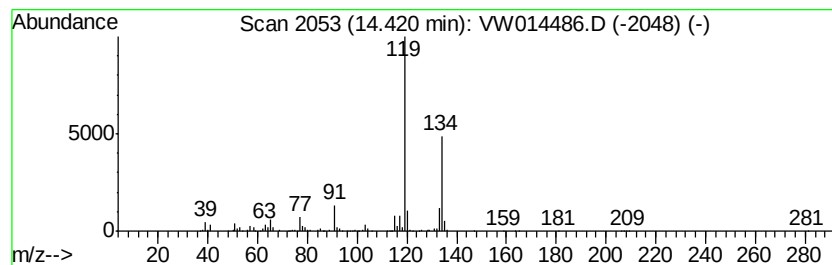
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Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	2.26 ug/L	278484	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014486.D
Acq On : 28 Dec 2019 03:02
Operator : SY/VA
Sample : K6397-02
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

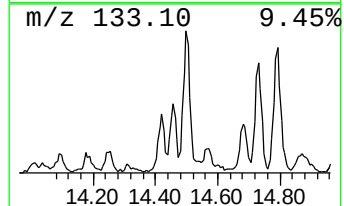
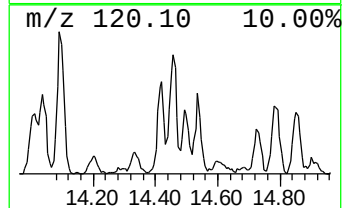
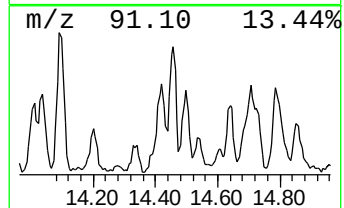
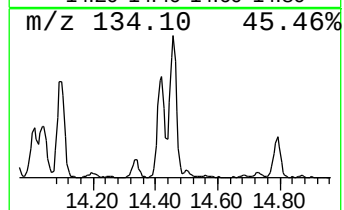
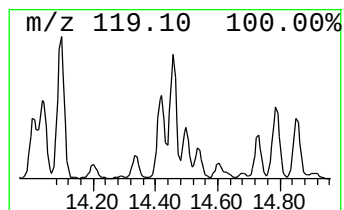
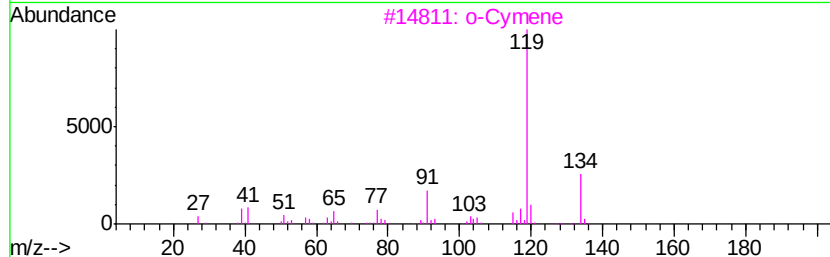
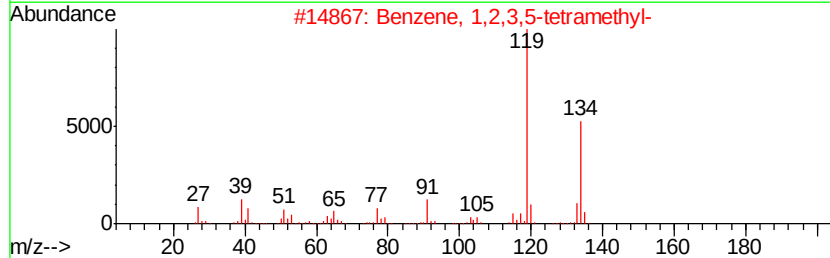
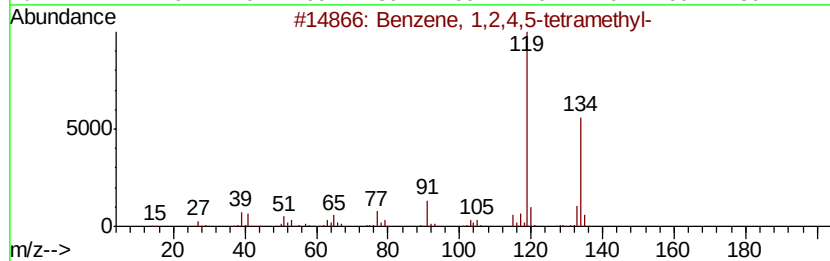
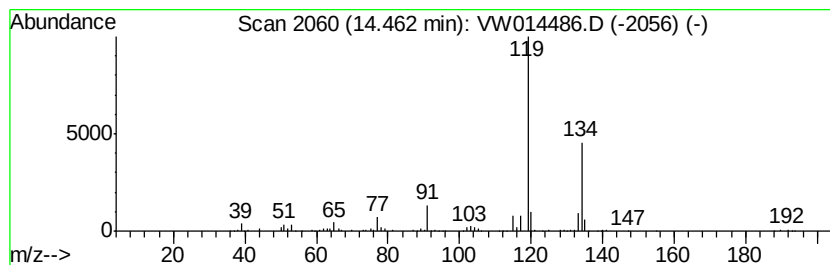
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.45 ug/L	302131	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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3		o-Cymene	134	C10H14	000527-84-4	93
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014486.D
Acq On : 28 Dec 2019 03:02
Operator : SY/VA
Sample : K6397-02
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

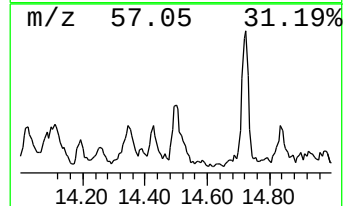
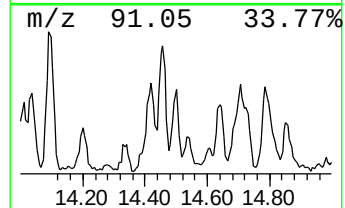
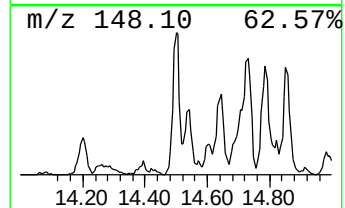
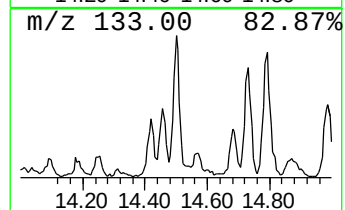
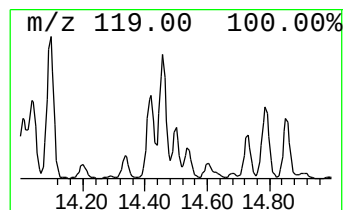
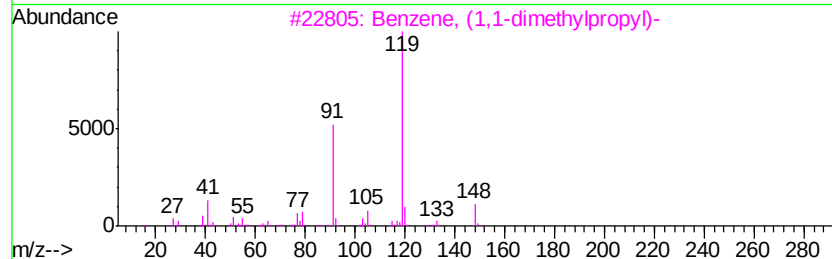
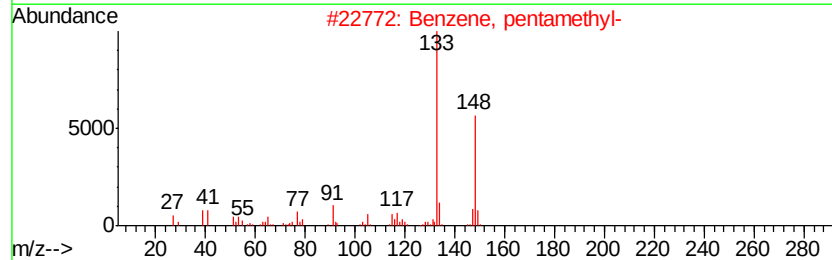
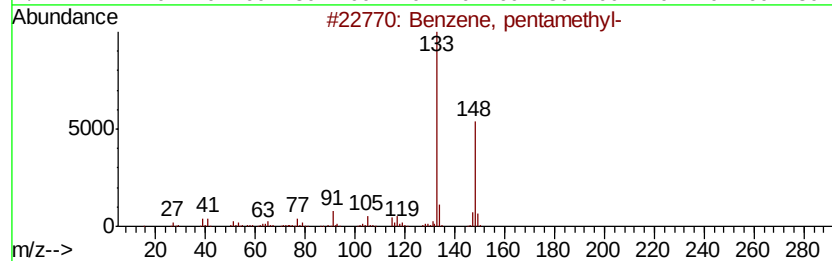
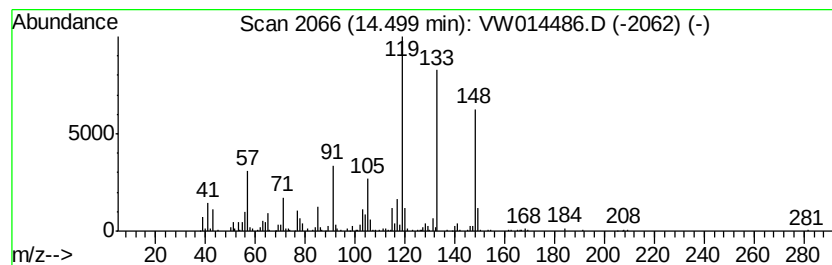
Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 16 Benzene, pentamethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	1.66 ug/L	205413	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, pentamethyl-	148 C11H16	000700-12-9 58
2		Benzene, pentamethyl-	148 C11H16	000700-12-9 49
3		Benzene, (1,1-dimethylpropyl)-	148 C11H16	002049-95-8 46
4		3,4-Dimethylcumene	148 C11H16	1000370-34-1 46
5		Benzene, 1-(1,1-dimethylethyl)-3...	148 C11H16	001075-38-3 46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014486.D
Acq On : 28 Dec 2019 03:02
Operator : SY/VA
Sample : K6397-02
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

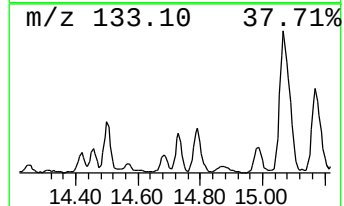
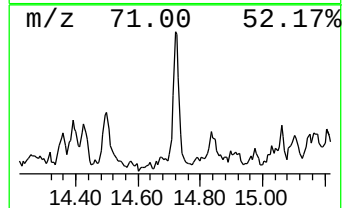
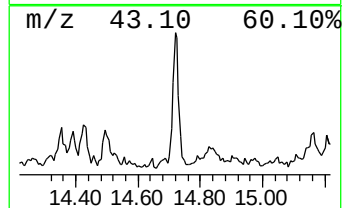
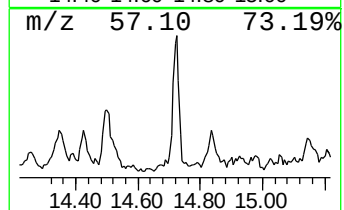
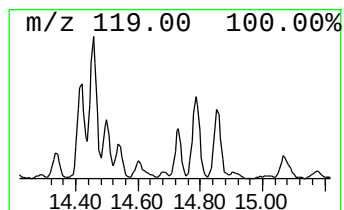
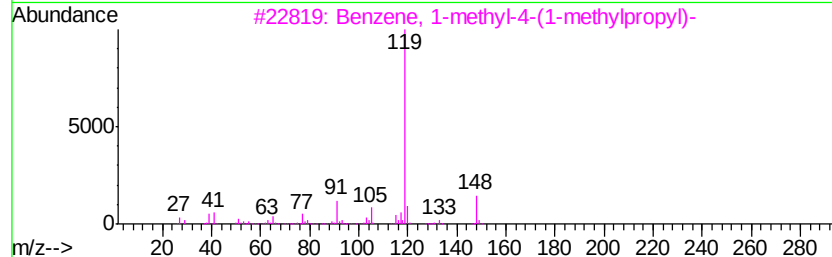
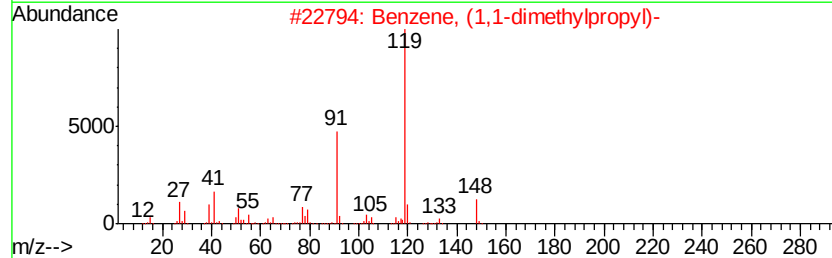
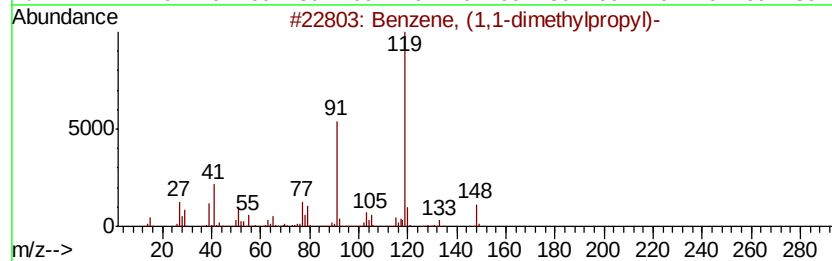
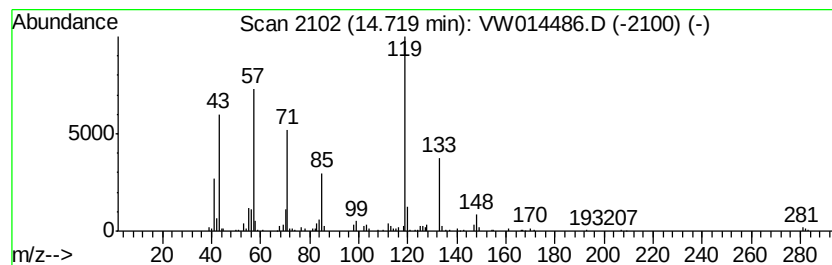
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Quant Title : VOC Analysis

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

Peak Number 17 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	1.85 ug/L	228504	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	43
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
3		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	43
4		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
5		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	37



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014486.D
Acq On : 28 Dec 2019 03:02
Operator : SY/VA
Sample : K6397-02
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

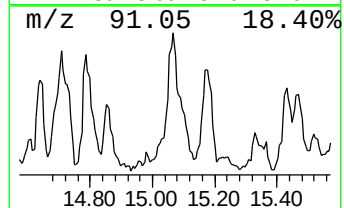
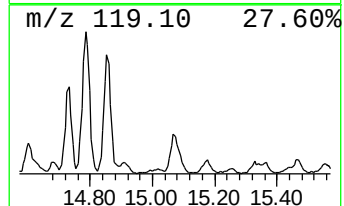
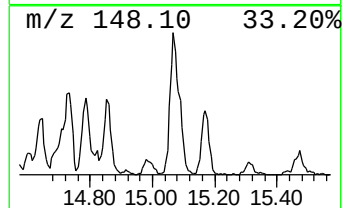
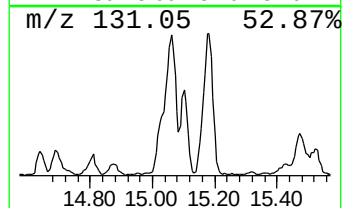
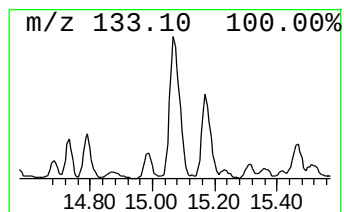
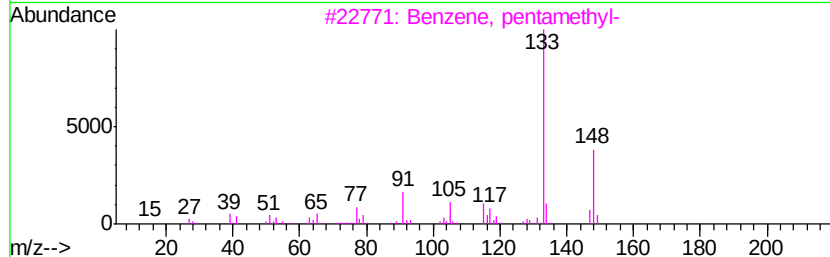
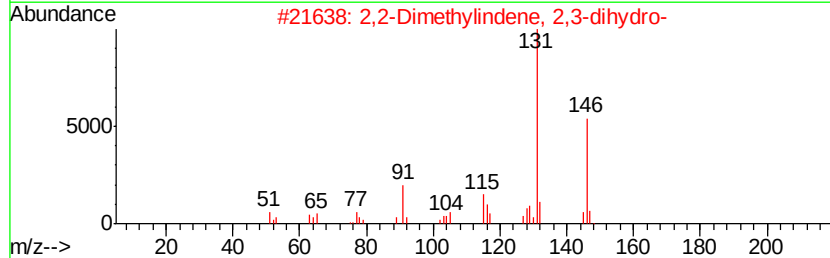
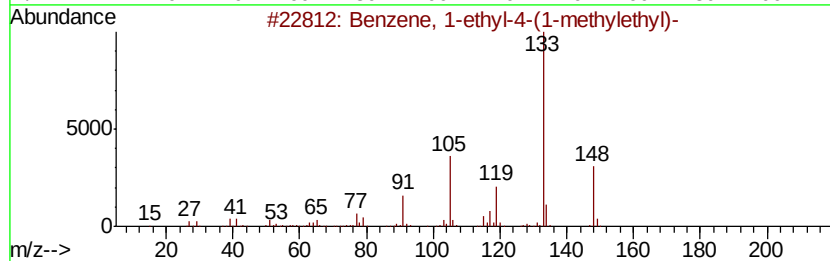
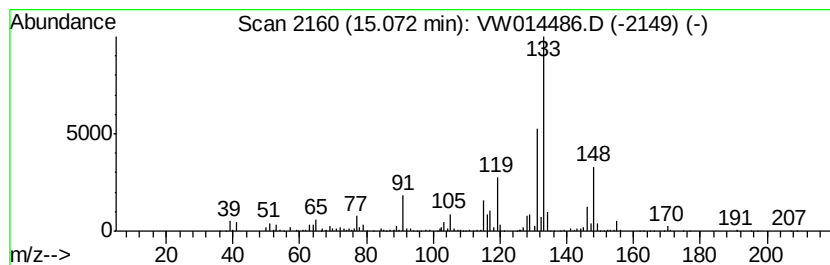
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Quant Title : VOC Analysis

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

Peak Number 19 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	5.17 ug/L	638419	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	53
2		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	51
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	49
4		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	49
5		2-tert-Butyltoluene	148	C11H16	001074-92-6	46



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014486.D
Acq On : 28 Dec 2019 03:02
Operator : SY/VA
Sample : K6397-02
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

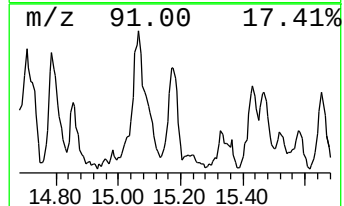
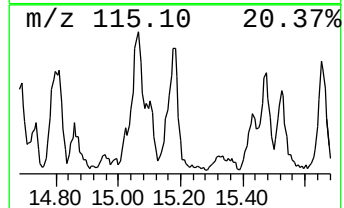
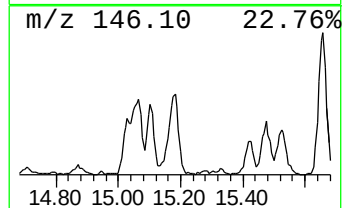
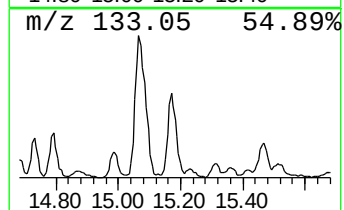
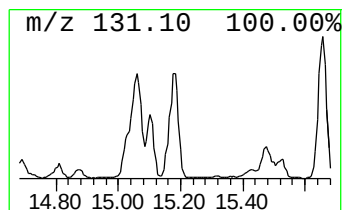
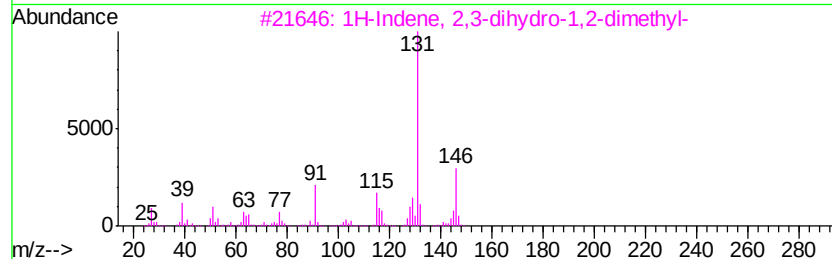
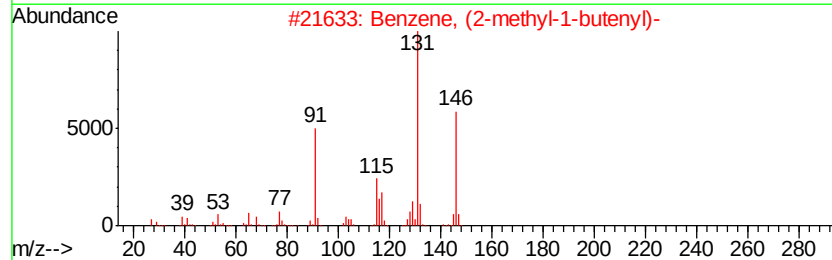
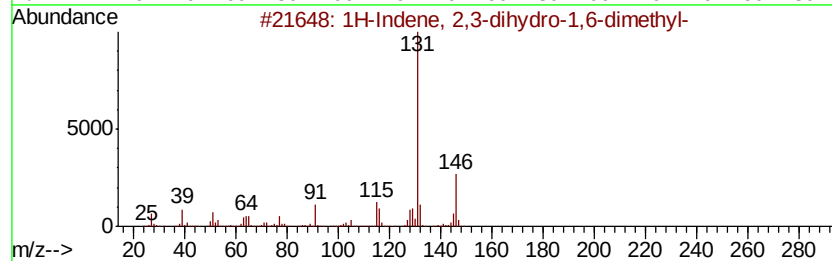
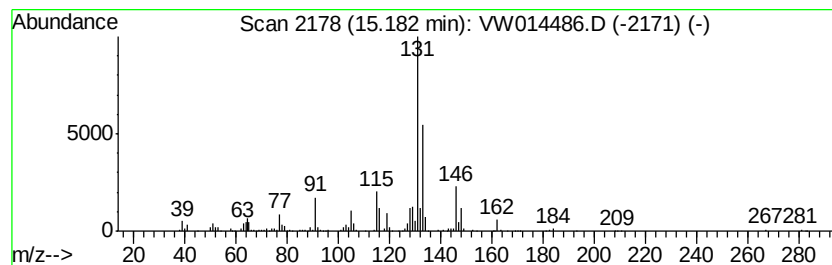
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Quant Title : VOC Analysis

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

Peak Number 20 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	2.85 ug/L	352505	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	86
2		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	86
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
4		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
5		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014486.D
Acq On : 28 Dec 2019 03:02
Operator : SY/VA
Sample : K6397-02
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

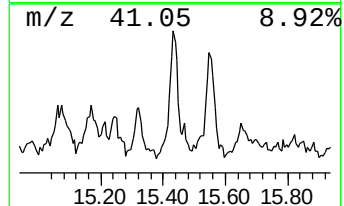
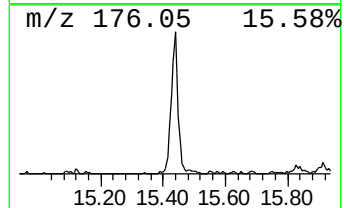
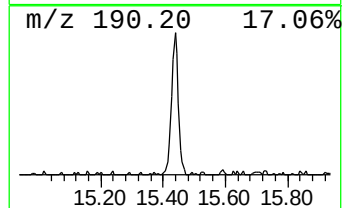
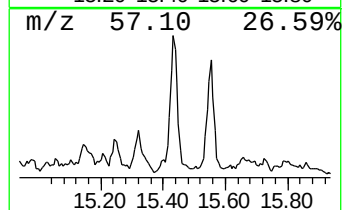
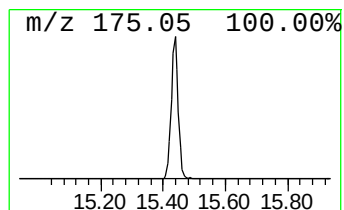
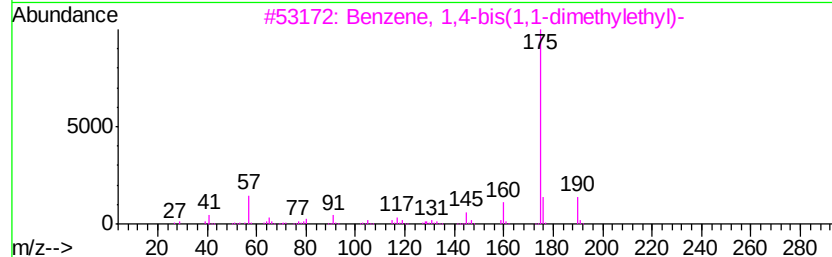
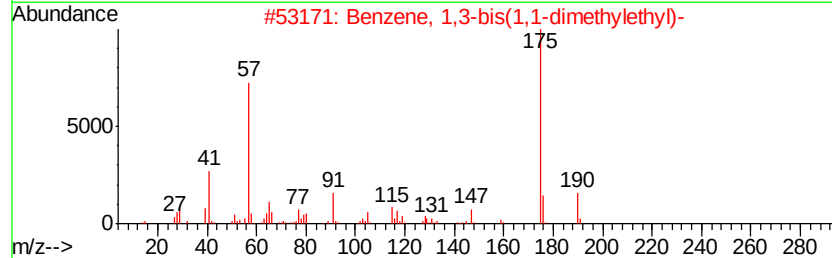
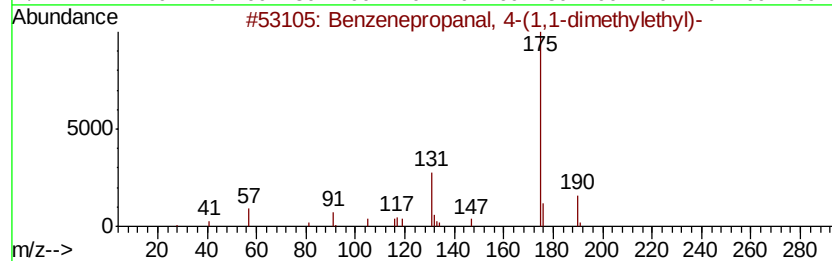
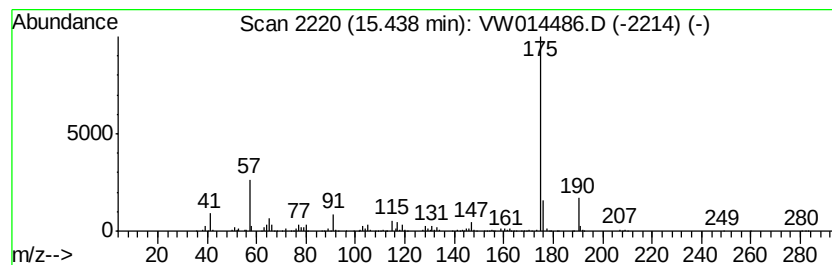
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Quant Title : VOC Analysis

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

Peak Number 21 Benzenepropanal, 4-(1,1-dim... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	2.26 ug/L	278893	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	90
2		Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
3		Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	87
4		Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
5		Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014486.D
Acq On : 28 Dec 2019 03:02
Operator : SY/VA
Sample : K6397-02
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

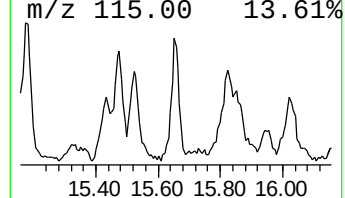
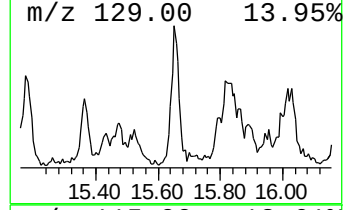
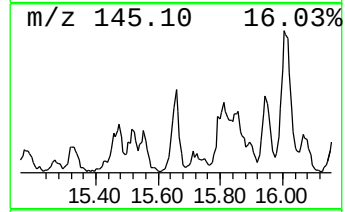
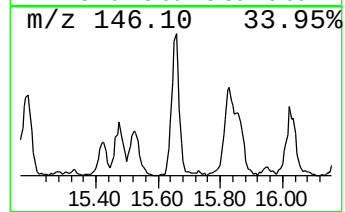
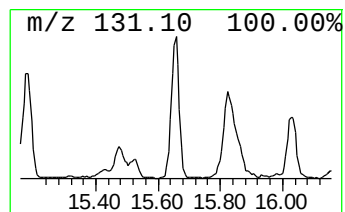
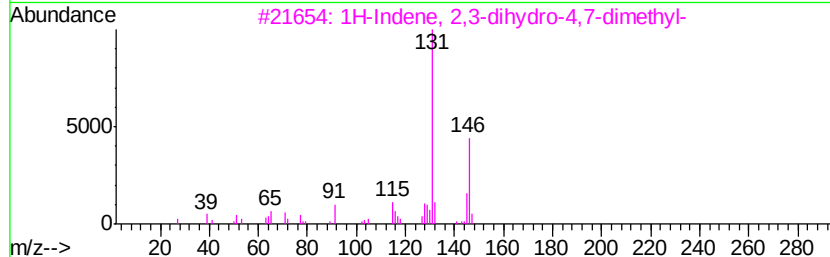
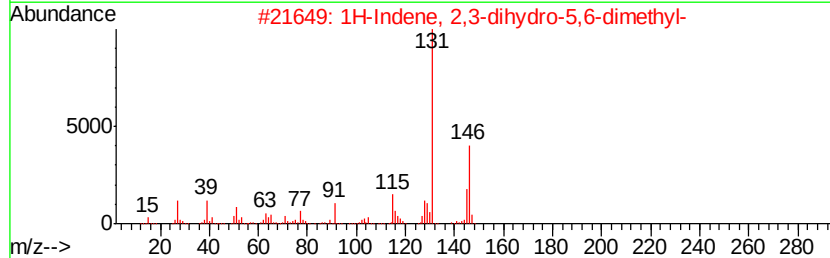
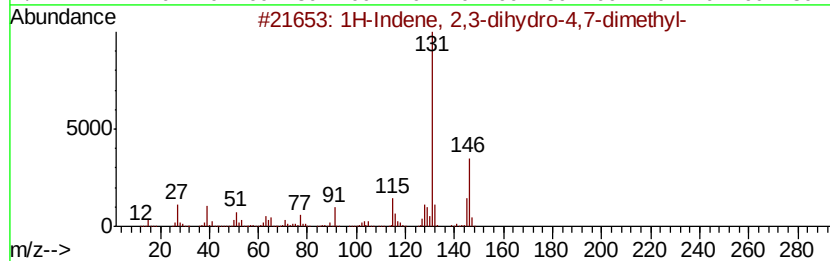
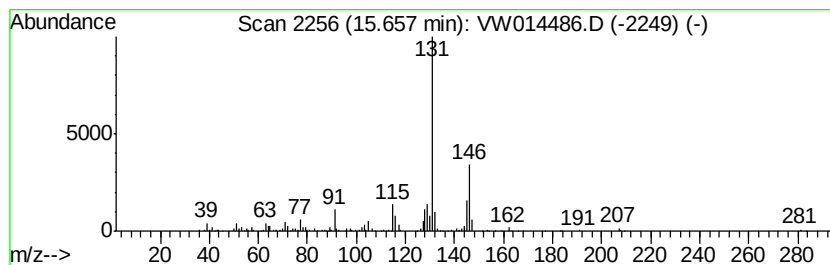
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 22 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.41 ug/L	298013	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	96
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
4		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014486.D
Acq On : 28 Dec 2019 03:02
Operator : SY/VA
Sample : K6397-02
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

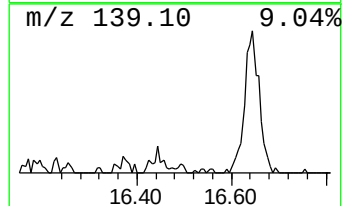
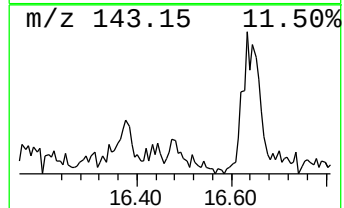
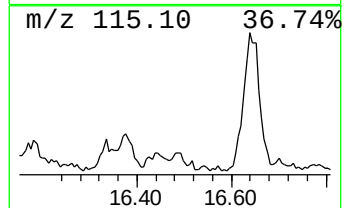
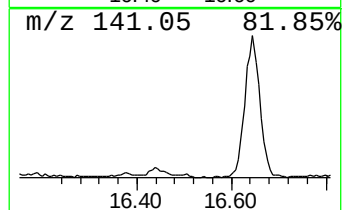
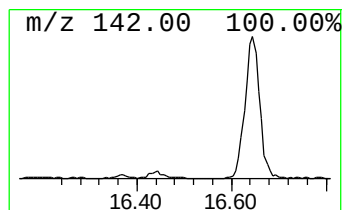
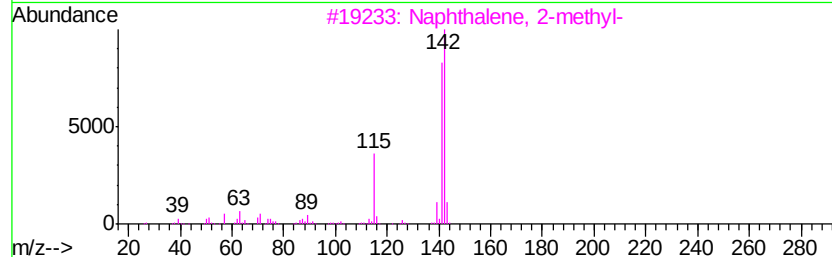
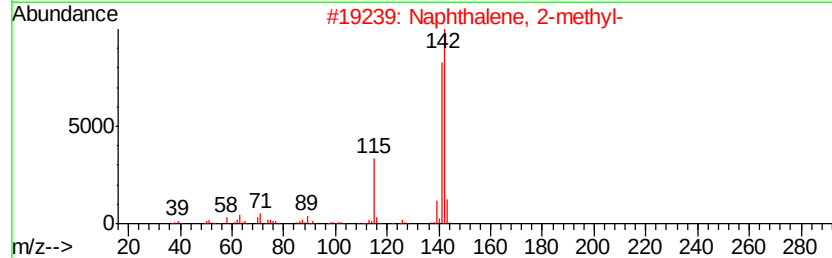
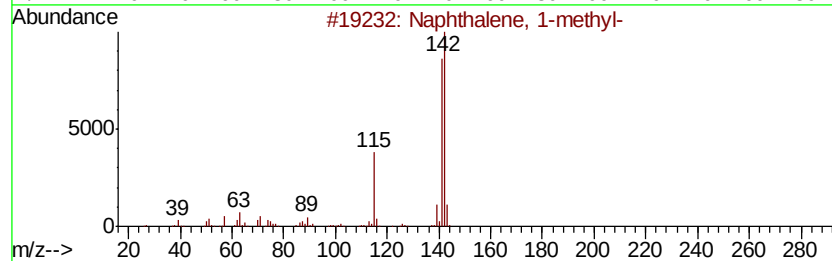
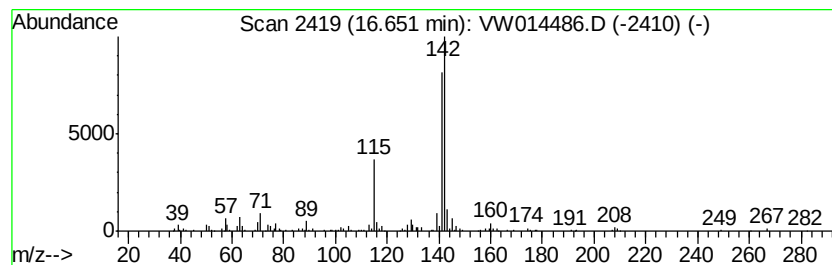
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 24 Naphthalene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	1.57 ug/L	193729	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122719\
 Data File : VW014486.D
 Acq On : 28 Dec 2019 03:02
 Operator : SY/VA
 Sample : K6397-02
 Misc : 5.03G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	9.89	1.4	ug/L	151816	1	8.84	2744670	25.0
Mesitylene	13.25	1.8	ug/L	221682	3	13.56	3087190	25.0
Benzene, 1-methyl...	13.75	2.4	ug/L	293009	3	13.56	3087190	25.0
Benzene, 1,4-diet...	13.79	3.5	ug/L	425817	3	13.56	3087190	25.0
Benzene, 2-ethyl-...	14.01	1.7	ug/L	210709	3	13.56	3087190	25.0
Benzene, 1-ethyl-...	14.04	1.6	ug/L	203984	3	13.56	3087190	25.0
Benzene, 1-methyl...	14.10	3.4	ug/L	416285	3	13.56	3087190	25.0
Benzene, 1,2,3,5-...	14.42	2.3	ug/L	278484	3	13.56	3087190	25.0
Benzene, 1,2,4,5-...	14.46	2.5	ug/L	302131	3	13.56	3087190	25.0
Benzene, pentamet...	14.50	1.7	ug/L	205413	3	13.56	3087190	25.0
unknown-01	14.72	1.9	ug/L	228504	3	13.56	3087190	25.0
Benzene, 1-ethyl-...	15.07	5.2	ug/L	638419	3	13.56	3087190	25.0
1H-Indene, 2,3-di...	15.18	2.9	ug/L	352505	3	13.56	3087190	25.0
Benzenepropanal, ...	15.44	2.3	ug/L	278893	3	13.56	3087190	25.0
1H-Indene, 2,3-di...	15.66	2.4	ug/L	298013	3	13.56	3087190	25.0
Naphthalene, 1-me...	16.65	1.6	ug/L	193729	3	13.56	3087190	25.0