

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
 Data File : VW014811.D
 Acq On : 30 Jan 2020 14:49
 Operator : SY/VA
 Sample : L1271-11
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT02

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\SOM2WLM012720S.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	1.959	3	9	19	rVB6	4190	12106	0.01%	0.003%
2	2.160	36	42	48	rBV2	28209	57033	0.03%	0.016%
3	2.215	48	51	52	rBV3	3217	3319	0.00%	0.001%
4	2.300	63	65	66	rBV2	2142	1401	0.00%	0.000%
5	2.349	66	73	83	rVV	353987	639573	0.32%	0.177%
6	2.483	93	95	99	rBV4	3349	4035	0.00%	0.001%
7	2.745	136	138	141	rVB4	3218	2964	0.00%	0.001%
8	2.885	154	161	174	rBV	256048	627111	0.31%	0.174%
9	3.379	240	242	246	rVB4	1976	2357	0.00%	0.001%
10	3.586	275	276	282	rVB3	1446	1446	0.00%	0.000%
11	3.678	287	291	295	rBV6	1733	3073	0.00%	0.001%
12	3.733	298	300	305	rVB5	1051	1387	0.00%	0.000%
13	4.013	334	346	361	rBV	498975	1550592	0.77%	0.430%
14	4.385	403	407	410	rBV5	2896	4698	0.00%	0.001%
15	4.617	442	445	448	rBV5	1104	1550	0.00%	0.000%
16	4.915	481	494	509	rBV2	58299	205513	0.10%	0.057%
17	5.129	521	529	530	rVV5	1568	3708	0.00%	0.001%
18	5.153	532	533	542	rVB4	2470	3280	0.00%	0.001%
19	5.933	650	661	672	rVB5	10990	32610	0.02%	0.009%
20	7.074	839	848	853	rBV	84424	242888	0.12%	0.067%
21	7.134	853	858	871	rVV2	77517	211331	0.11%	0.059%
22	7.250	871	877	886	rVB	28675	72258	0.04%	0.020%
23	7.640	931	941	953	rBV	627749	1511778	0.75%	0.419%
24	7.762	958	961	963	rVV4	1183	1639	0.00%	0.000%
25	7.951	990	992	995	rVV3	2033	2239	0.00%	0.001%
26	8.275	1029	1045	1062	rBV2	1231912	3684209	1.84%	1.022%
27	8.616	1099	1101	1108	rVB6	1452	2946	0.00%	0.001%
28	8.701	1108	1115	1118	rBV5	1323	2510	0.00%	0.001%
29	8.841	1127	1138	1151	rBV	1098788	2213463	1.10%	0.614%
30	9.073	1168	1176	1177	rBV7	3324	5642	0.00%	0.002%
31	9.274	1200	1209	1219	rBV	706032	1458948	0.73%	0.405%
32	9.658	1267	1272	1273	rBV4	1978	2133	0.00%	0.001%
33	9.884	1305	1309	1311	rBV3	1201	1432	0.00%	0.000%
34	10.030	1324	1333	1344	rBV	376675	669699	0.33%	0.186%

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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Title : VOC Analysis

35	10.213	1357	1363	1366	rBV2	4547	8035	0.00%	0.002%
36	10.323	1372	1381	1387	rBV	1528941	2735838	1.36%	0.759%
37	10.384	1387	1391	1402	rVB	133193	234702	0.12%	0.065%
38	10.573	1415	1422	1436	rBV	226831	393898	0.20%	0.109%
39	10.701	1436	1443	1451	rBV2	60000	110266	0.05%	0.031%
40	10.859	1461	1469	1473	rBV7	4628	7299	0.00%	0.002%
41	10.920	1473	1479	1492	rBV	266782	459025	0.23%	0.127%
42	11.061	1495	1502	1512	rBV	67829	115004	0.06%	0.032%
43	11.262	1515	1535	1536	rBV2	17929	54439	0.03%	0.015%
44	11.323	1536	1545	1546	rBV	25065	50065	0.02%	0.014%
45	11.432	1561	1563	1574	rVB2	36193	71905	0.04%	0.020%
46	11.628	1588	1595	1609	rBV	1428766	2446646	1.22%	0.678%
47	11.835	1624	1629	1633	rVV2	11920	23519	0.01%	0.007%
48	11.871	1633	1635	1640	rVB3	8562	10938	0.01%	0.003%
49	12.176	1676	1685	1693	rVV4	23727	50453	0.03%	0.014%
50	12.262	1693	1699	1700	rBV6	2073	3367	0.00%	0.001%
51	12.414	1706	1724	1742	rBV3	45352	301833	0.15%	0.084%
52	12.609	1750	1756	1762	rVB	81848	147981	0.07%	0.041%
53	12.688	1762	1769	1776	rBV	396921	658509	0.33%	0.183%
54	12.871	1776	1799	1823	rBV4	462290	3071421	1.53%	0.852%
55	13.079	1829	1833	1836	rBV5	2859	5816	0.00%	0.002%
56	13.304	1847	1870	1884	rBV4	625986	2891979	1.44%	0.802%
57	13.444	1884	1893	1905	rVB	297750	1125415	0.56%	0.312%
58	13.554	1905	1911	1921	rVB	1415818	2256061	1.12%	0.626%
59	13.646	1921	1926	1932	rBV	148913	219467	0.11%	0.061%
60	13.719	1932	1938	1939	rBV5	21638	36036	0.02%	0.010%
61	13.786	1945	1949	1953	rVB	70419	106234	0.05%	0.029%
62	13.853	1953	1960	1967	rBV	1220295	2077040	1.03%	0.576%
63	13.950	1969	1976	1983	rBV3	198859	554026	0.28%	0.154%
64	14.011	1983	1986	1987	rBV	39413	35091	0.02%	0.010%
65	14.036	1987	1990	1992	rBV	109606	142700	0.07%	0.040%
66	14.097	1997	2000	2003	rVB	210251	265254	0.13%	0.074%
67	14.139	2003	2007	2013	rVB	255952	451065	0.22%	0.125%
68	14.231	2013	2022	2027	rBV	3095735	4810633	2.40%	1.334%
69	14.286	2027	2031	2035	rBV3	491150	744154	0.37%	0.206%
70	14.334	2035	2039	2044	rVB	294238	488620	0.24%	0.135%
71	14.414	2044	2052	2055	rBV	1734132	2692836	1.34%	0.747%

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Integration Parameters: LSCINT.P

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72	14.456	2055	2059	2063	rVV	3646435	5202593	2.59%	1.443%
73	14.499	2063	2066	2070	rVV2	1035582	1424517	0.71%	0.395%
74	14.554	2070	2075	2086	rVB2	3071993	5442453	2.71%	1.509%
75	14.639	2086	2089	2092	rVB2	196076	225383	0.11%	0.062%
76	14.688	2092	2097	2100	rBV2	935191	1645580	0.82%	0.456%
77	14.725	2100	2103	2108	rVB2	1030272	1511316	0.75%	0.419%
78	14.792	2108	2114	2121	rBV2	8417348	15888902	7.92%	4.406%
79	14.859	2121	2125	2128	rBV3	819969	1345261	0.67%	0.373%
80	14.889	2128	2130	2134	rVB3	718692	995736	0.50%	0.276%
81	14.950	2134	2140	2148	rVB2	10361632	17159136	8.55%	4.758%
82	15.023	2148	2152	2154	rBV2	593428	873922	0.44%	0.242%
83	15.066	2154	2159	2162	rVV3	1516754	2911456	1.45%	0.807%
84	15.103	2163	2165	2171	rVB3	1629163	2848187	1.42%	0.790%
85	15.176	2171	2177	2184	rBV3	2170312	5174857	2.58%	1.435%
86	15.316	2189	2200	2205	rBV6	2086960	5698225	2.84%	1.580%
87	15.426	2214	2218	2220	rBV	358029	509829	0.25%	0.141%
88	15.468	2220	2225	2230	rVV2	1823151	3135131	1.56%	0.869%
89	15.554	2230	2239	2247	rVB2	4876273	9334360	4.65%	2.588%
90	15.651	2247	2255	2261	rBV2	2371853	5209605	2.60%	1.445%
91	15.718	2261	2266	2273	rVB3	1359062	3022230	1.51%	0.838%
92	15.828	2278	2284	2286	rBV	1399655	2647485	1.32%	0.734%
93	15.956	2299	2305	2311	rBV3	1618895	3927660	1.96%	1.089%
94	16.029	2315	2317	2322	rVB	903883	1161481	0.58%	0.322%
95	16.169	2332	2340	2344	rBV4	594757	1504807	0.75%	0.417%
96	16.285	2355	2359	2365	rVB	681300	1202309	0.60%	0.333%
97	16.377	2366	2374	2379	rVV2	2261125	5436707	2.71%	1.508%
98	16.444	2379	2385	2389	rVV	3240660	6803318	3.39%	1.886%
99	16.493	2390	2393	2400	rVB	2572637	4596538	2.29%	1.275%
100	16.651	2409	2419	2430	rVB2	76114774	200699705	100.00%	55.651%

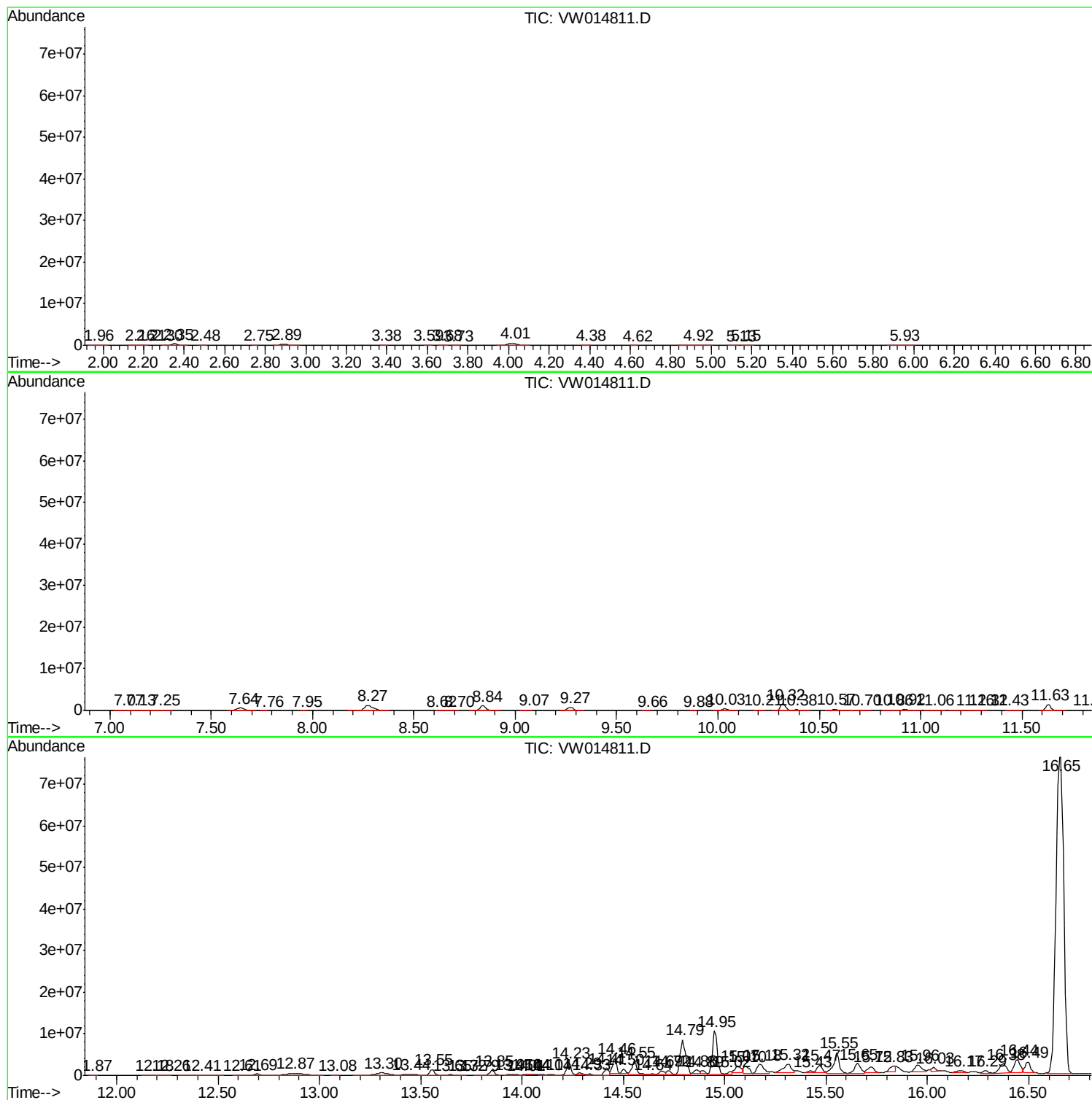
Sum of corrected areas: 360637130

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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



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Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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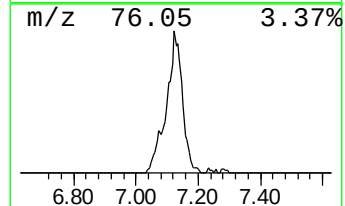
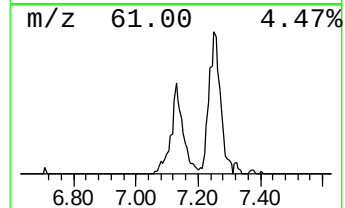
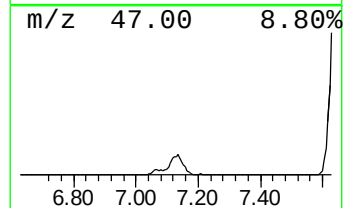
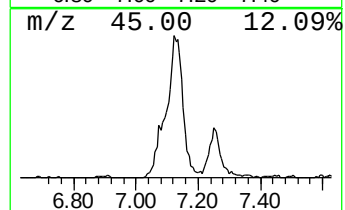
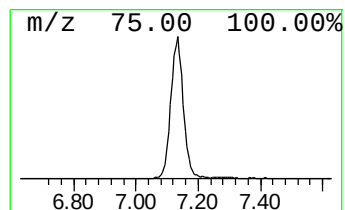
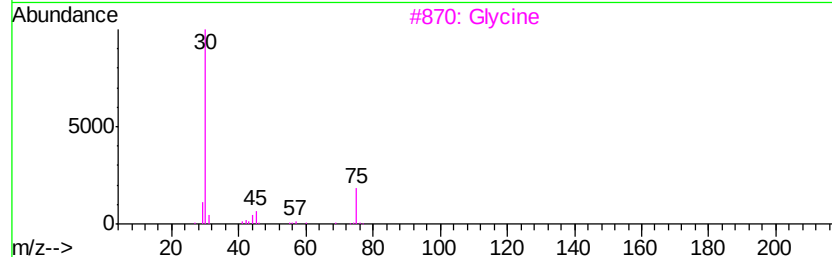
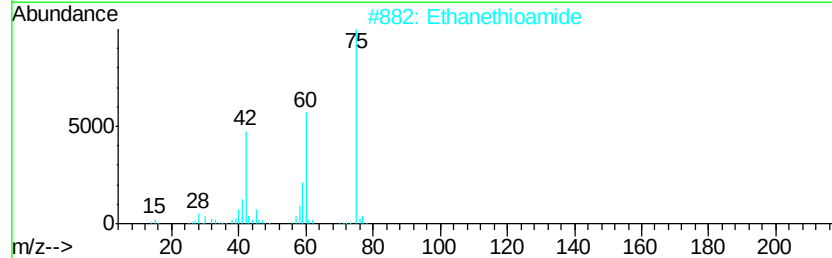
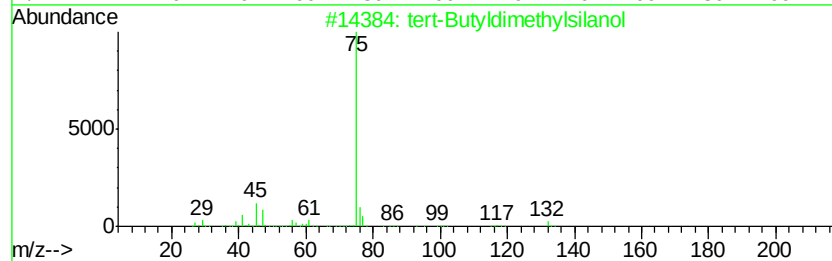
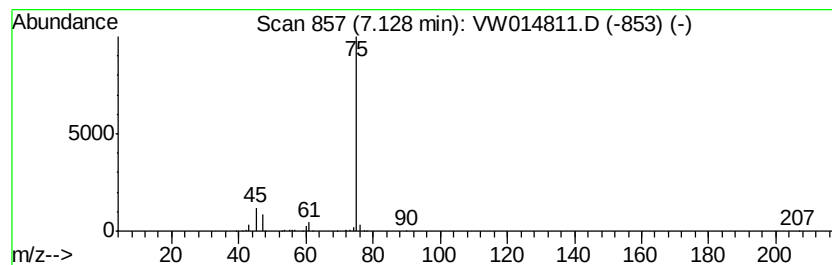
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	2.39 ug/L	211331	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			tert-Butyldimethylsilanol	132	C6H16OSi	018173-64-3	9
2			Ethanethioamide	75	C2H5NS	000062-55-5	5
3			Glycine	75	C2H5NO2	000056-40-6	4
4			Formamide, N-methylthio	75	C2H5NS	018952-41-5	4
5			Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	4



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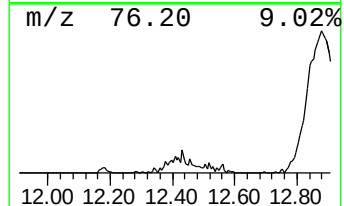
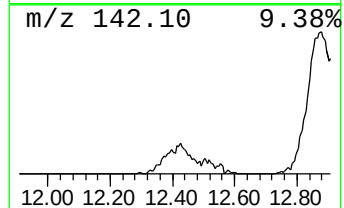
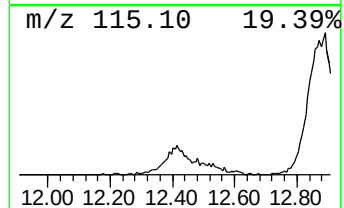
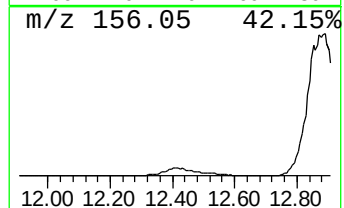
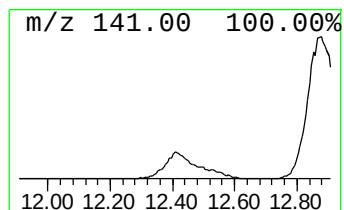
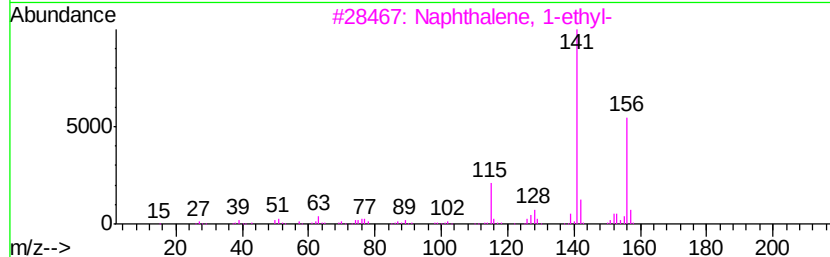
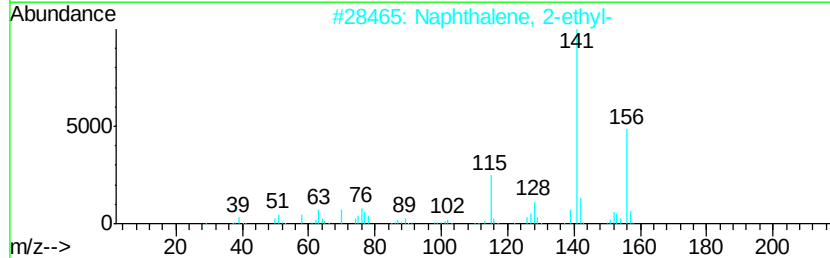
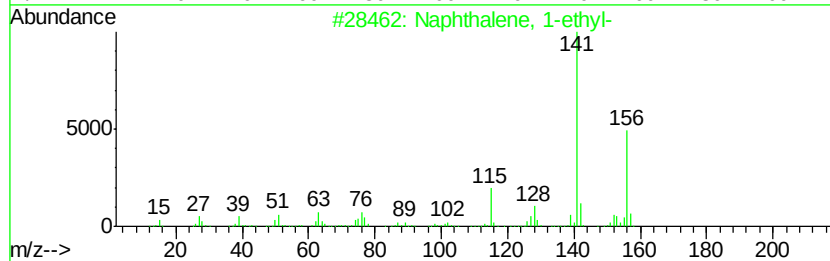
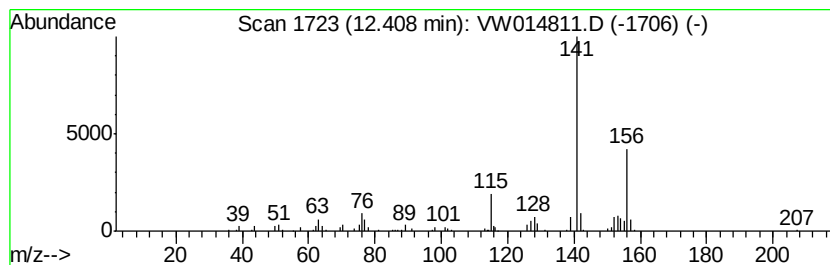
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis

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

 Peak Number 3 Naphthalene, 1-ethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	3.08 ug/L	301833	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
4		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
5		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90



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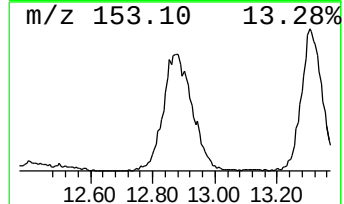
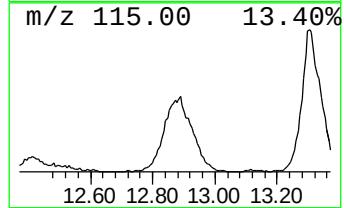
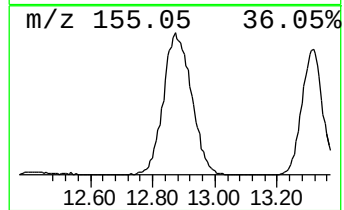
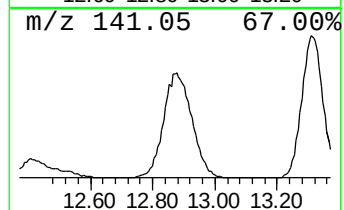
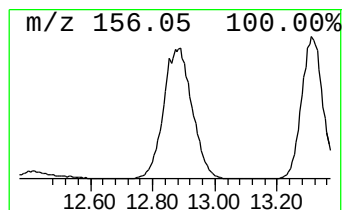
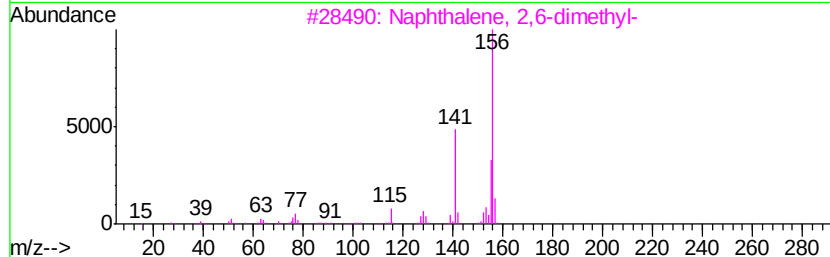
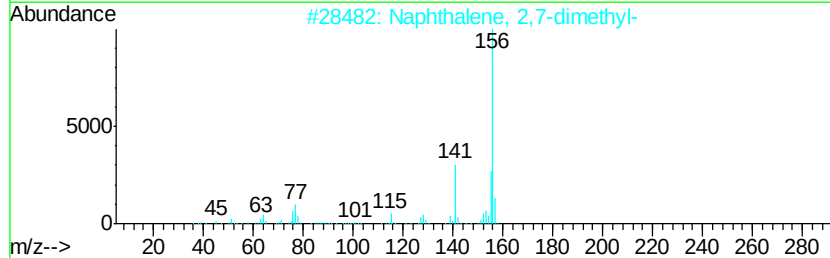
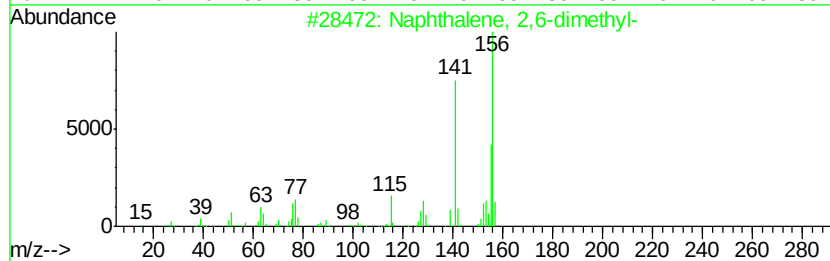
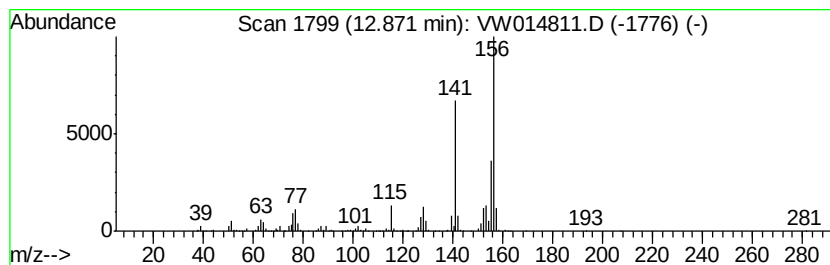
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	34.04 ug/L	3071420	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

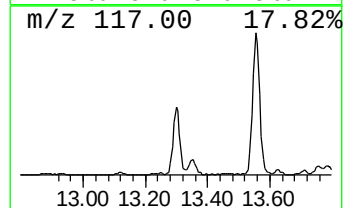
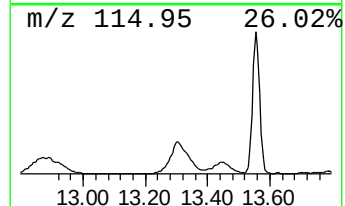
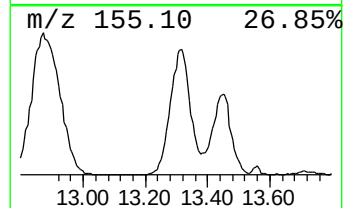
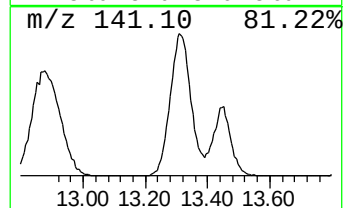
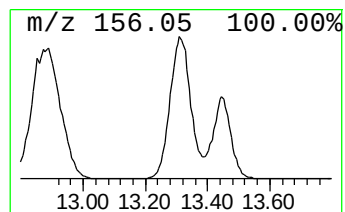
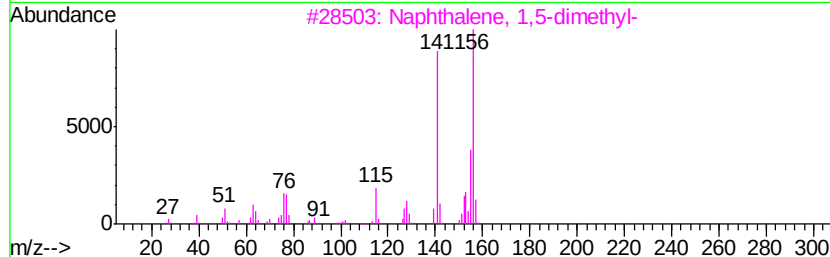
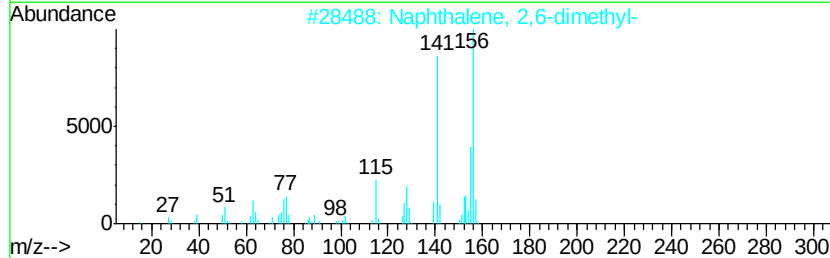
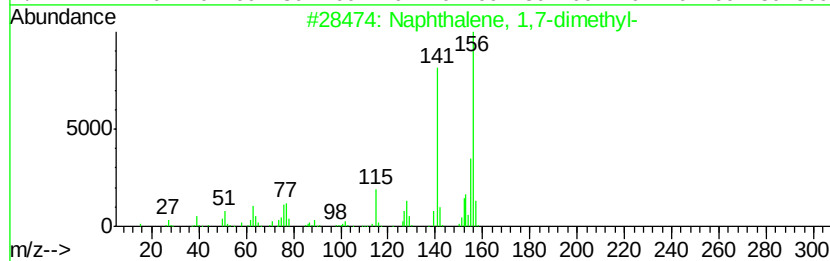
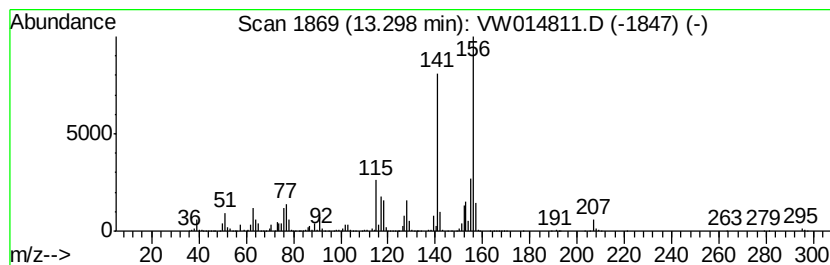
Instrument :
MSVOA_W
ClientSampleId :
GAT02

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	32.05 ug/L	2891980	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

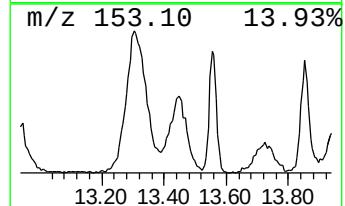
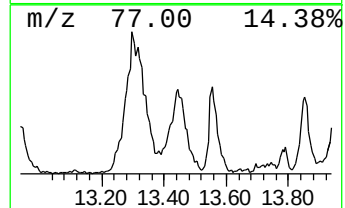
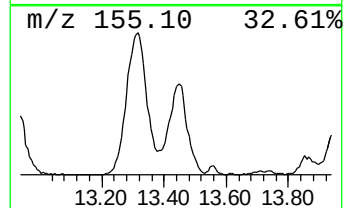
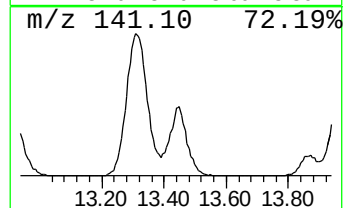
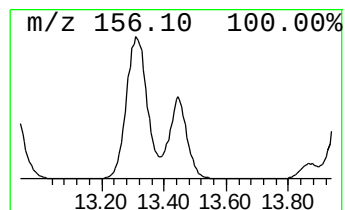
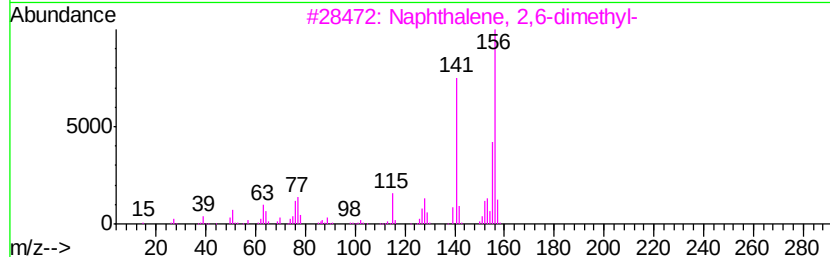
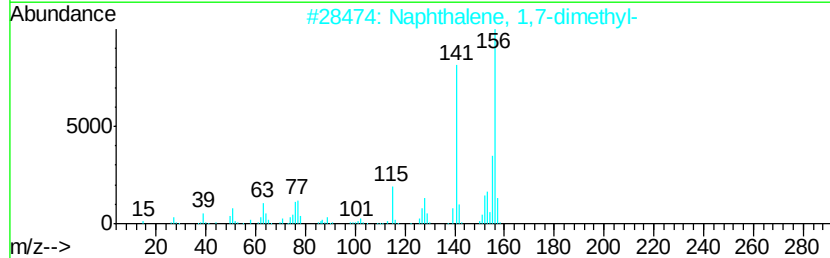
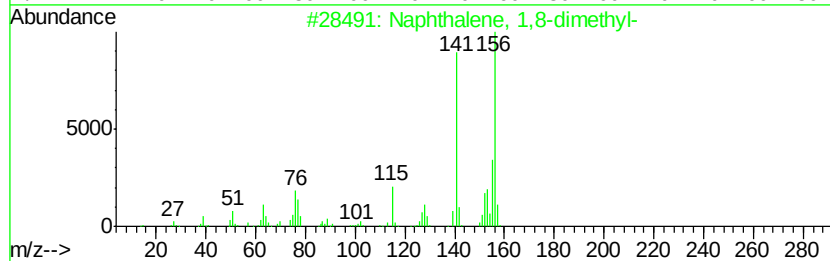
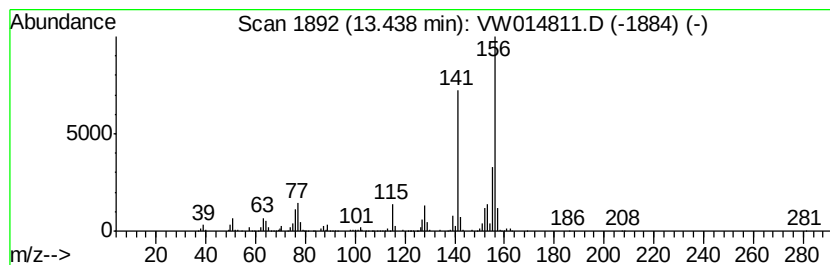
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

Peak Number 7 Naphthalene, 1,8-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	12.47 ug/L	1125420	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,8-dimethyl-	156 C12H12	000569-41-5 98
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 98
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

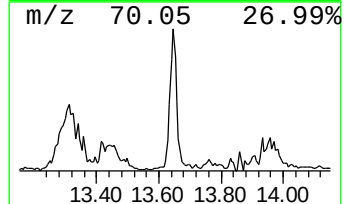
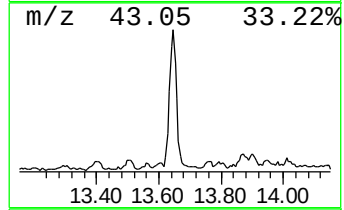
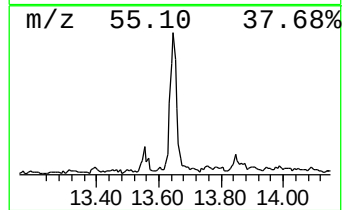
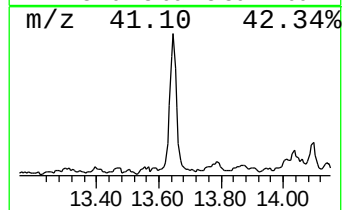
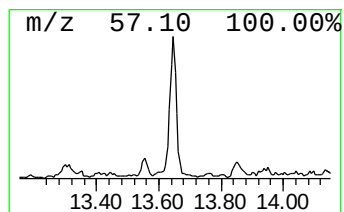
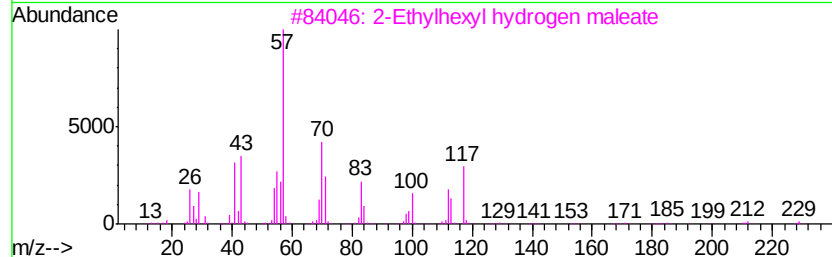
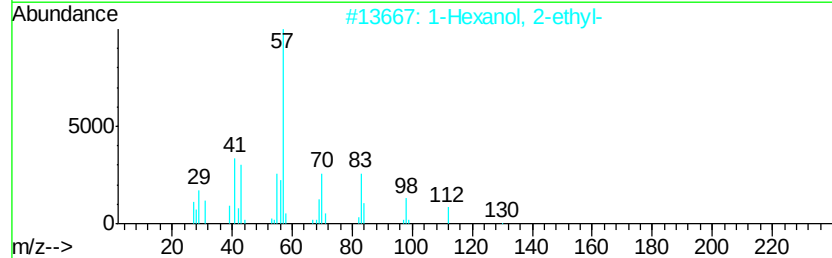
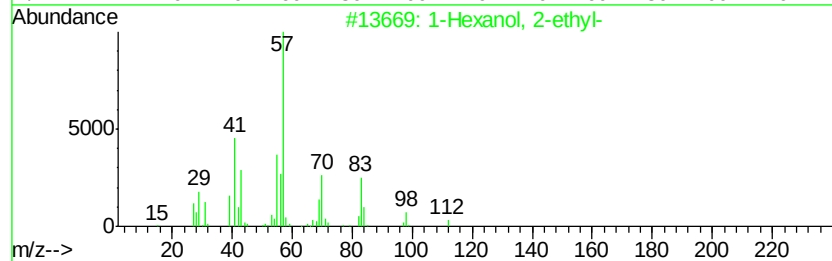
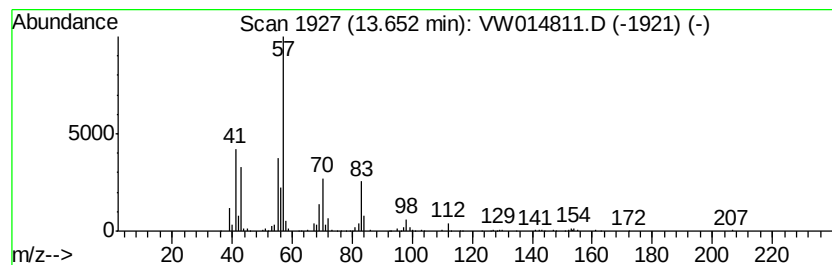
Instrument :
MSVOA_W
ClientSampleId :
GAT02

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.43 ug/L	219467	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Hexanol, 2-ethyl-	130 C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130 C8H18O	000104-76-7	64
3	2-Ethylhexyl hydrogen maleate	228 C12H20O4	002370-71-0	59
4	1-Pentanol, 2-ethyl-4-methyl-	130 C8H18O	000106-67-2	56
5	2-Propyl-1-pentanol	130 C8H18O	058175-57-8	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

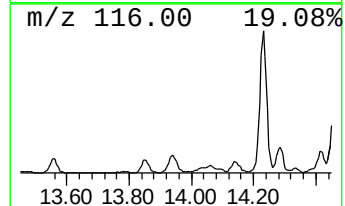
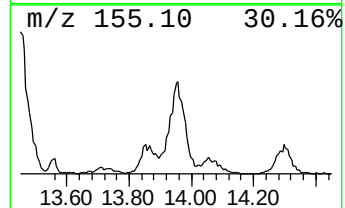
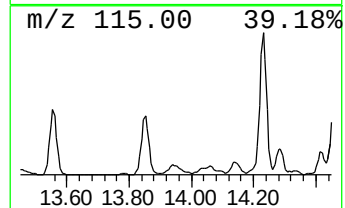
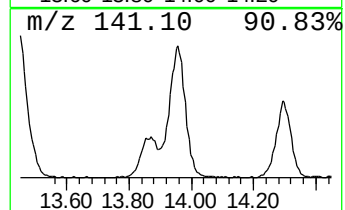
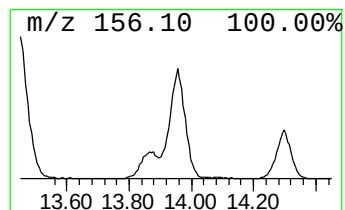
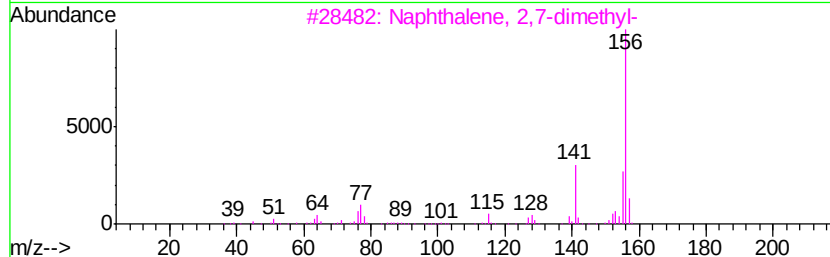
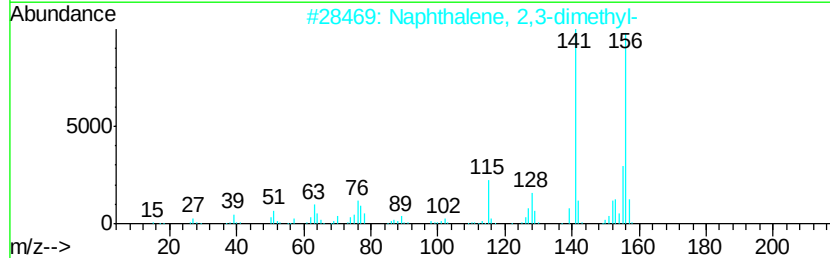
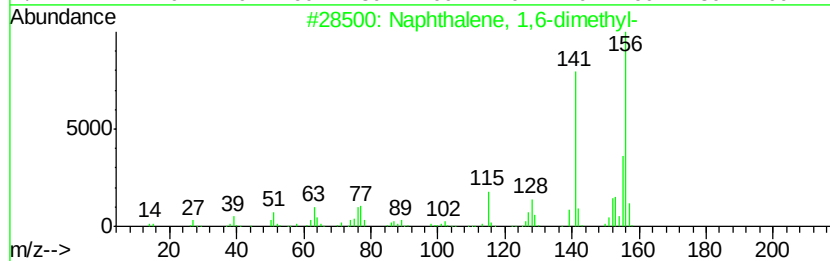
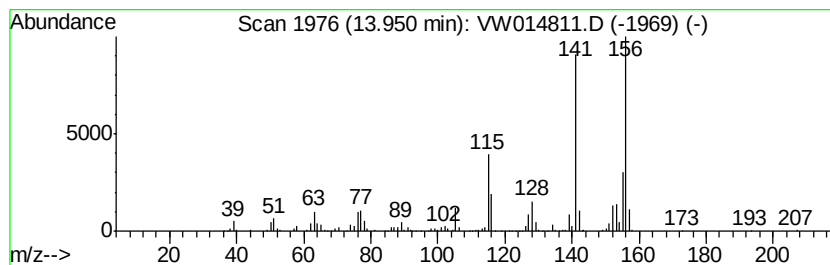
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Quant Title : VOC Analysis

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

Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	6.14 ug/L	554026	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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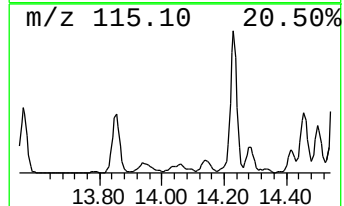
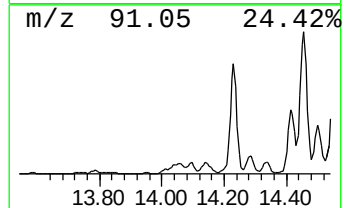
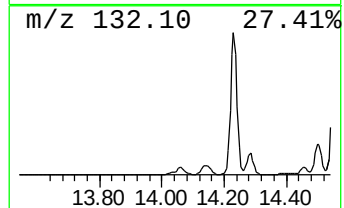
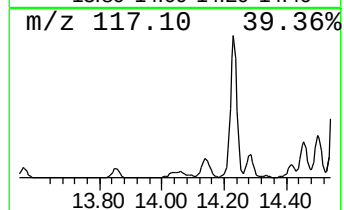
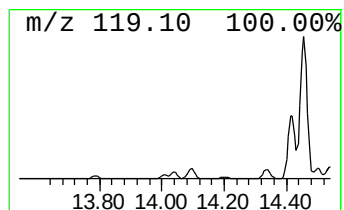
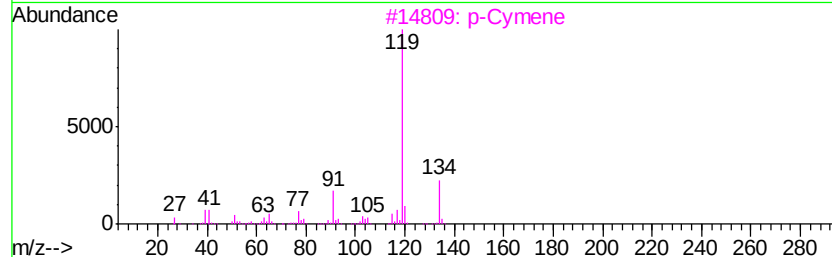
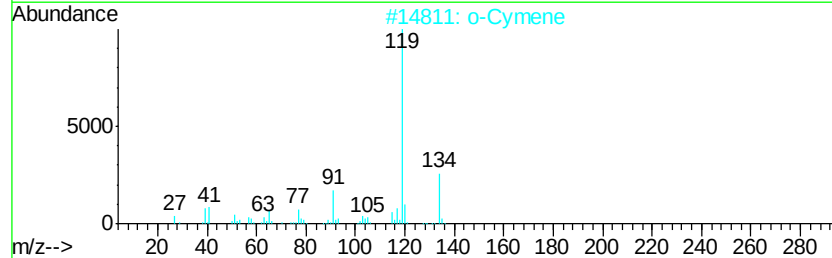
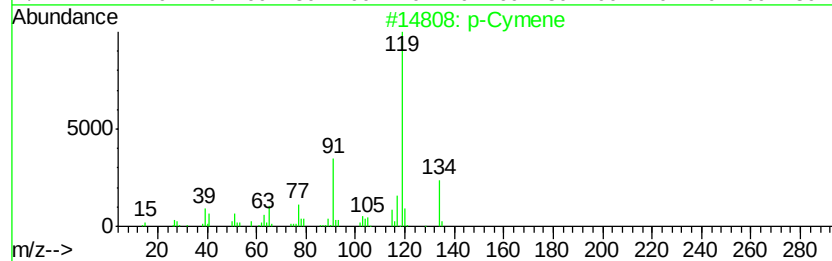
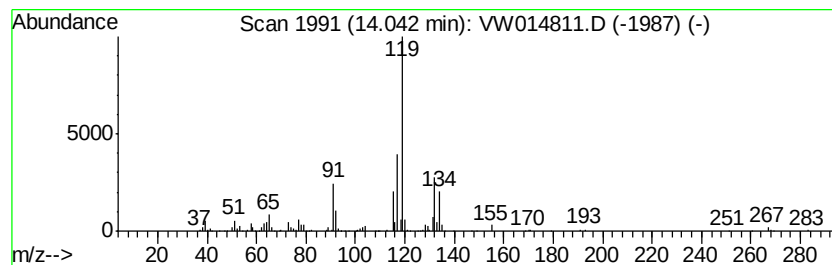
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Quant Title : VOC Analysis

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

Peak Number 10 p-Cymene Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	1.58 ug/L	142700	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	60
2		o-Cymene	134	C10H14	000527-84-4	60
3		p-Cymene	134	C10H14	000099-87-6	53
4		o-Cymene	134	C10H14	000527-84-4	53
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

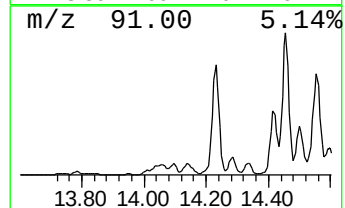
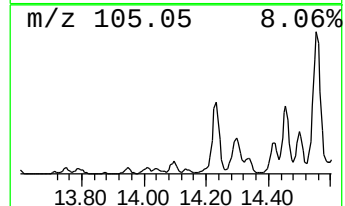
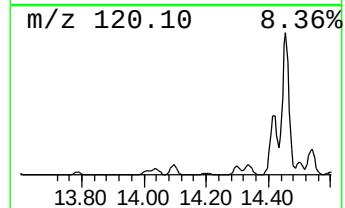
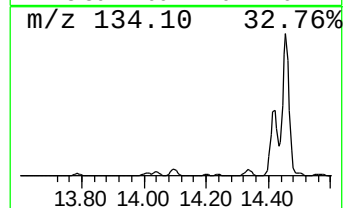
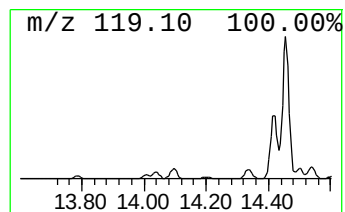
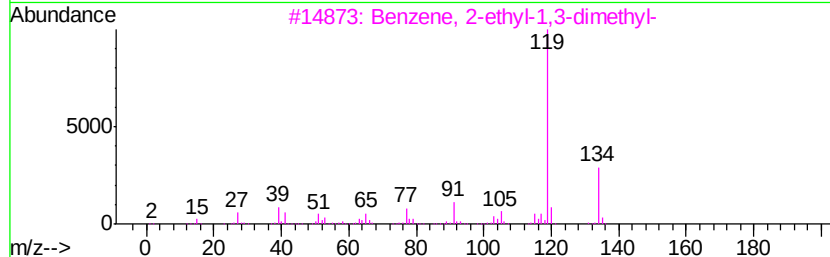
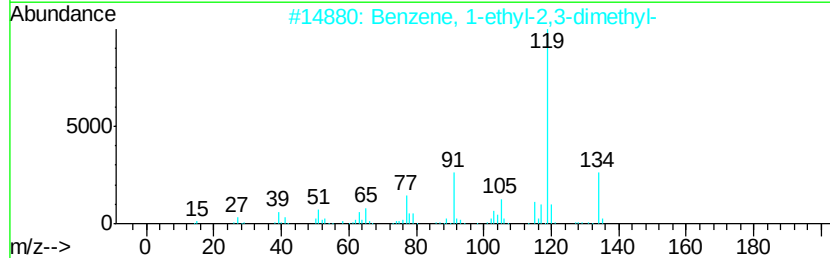
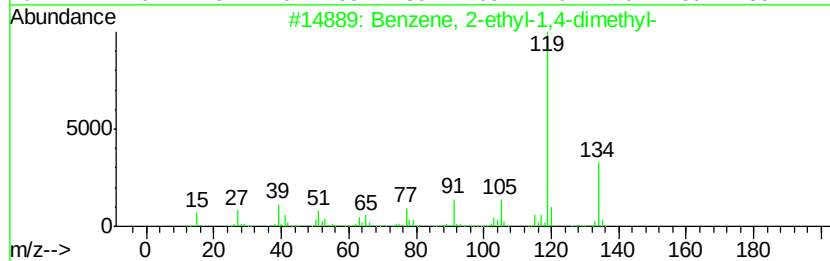
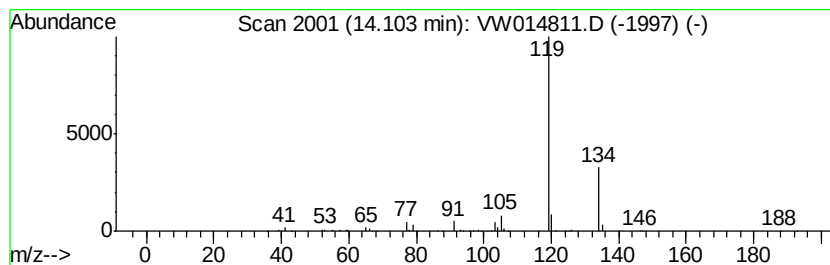
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	2.94 ug/L	265254	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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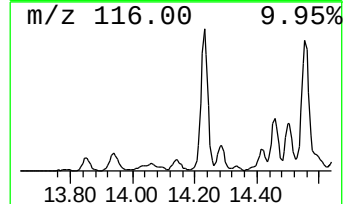
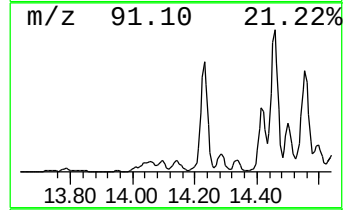
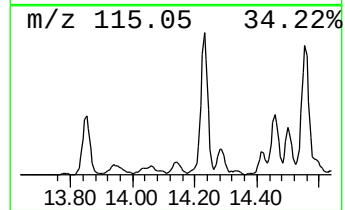
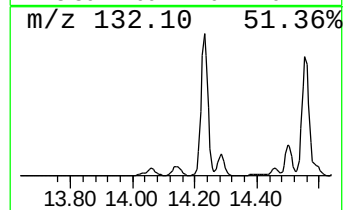
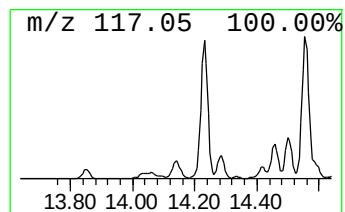
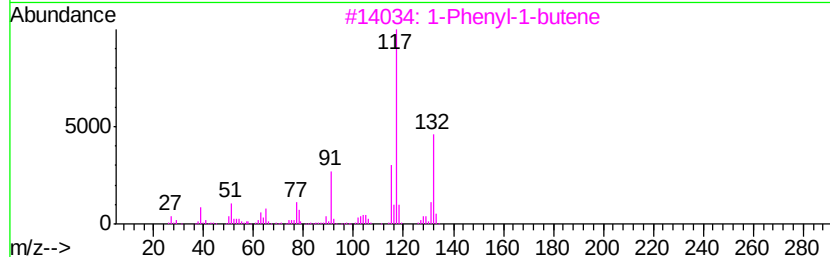
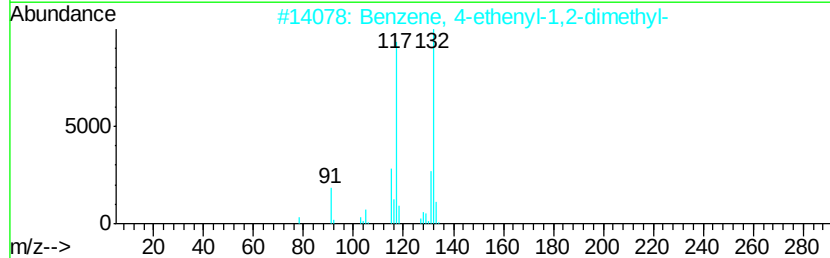
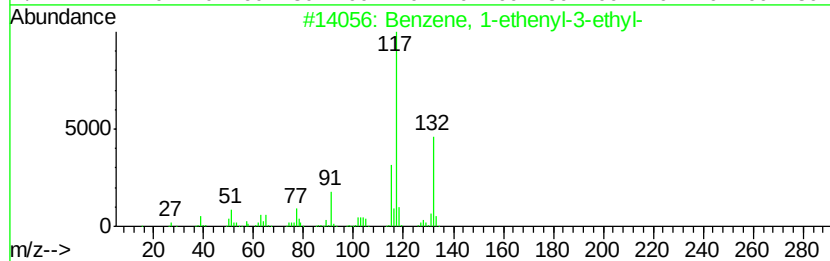
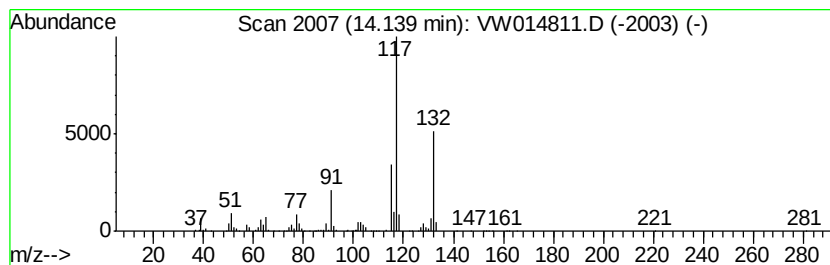
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	5.00 ug/L	451065	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	94
2		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	94
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	93
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

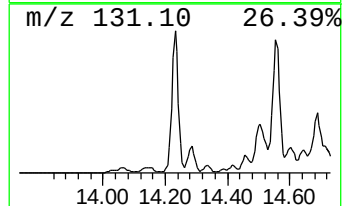
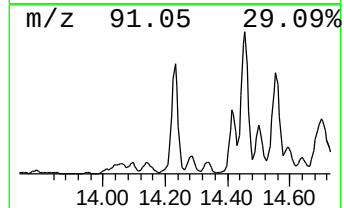
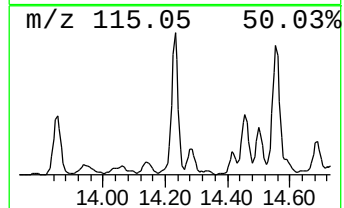
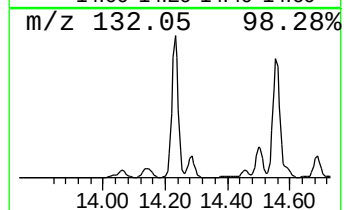
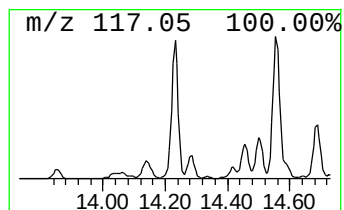
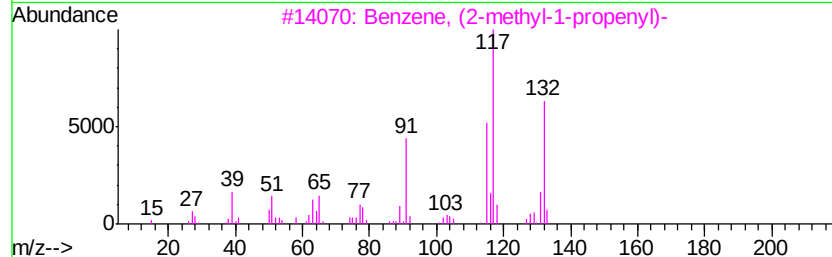
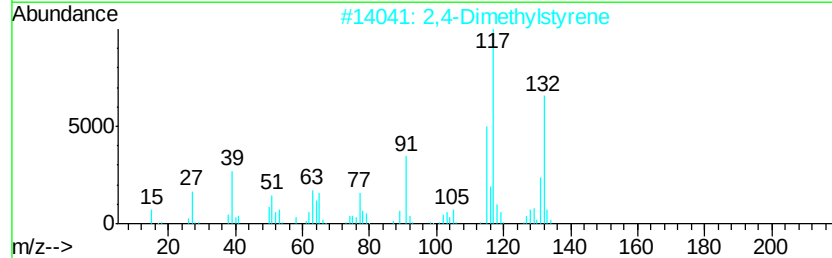
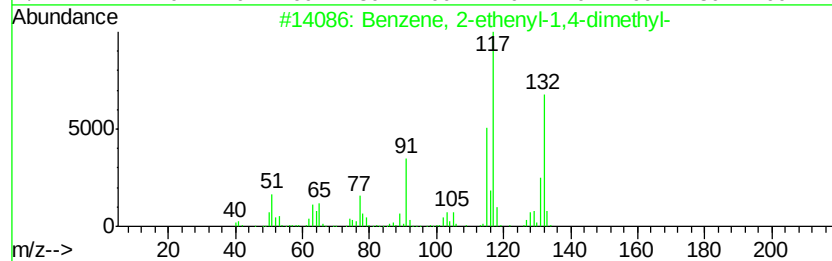
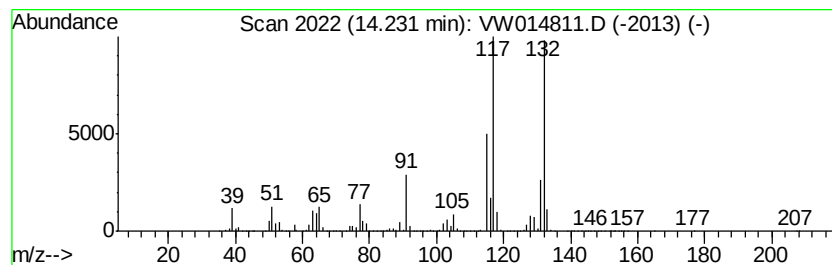
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	53.31 ug/L	4810630	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	97
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	97
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	96
4		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

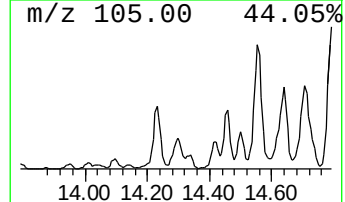
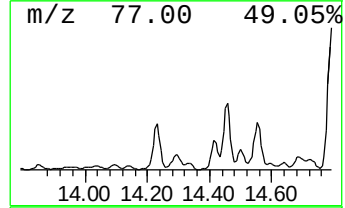
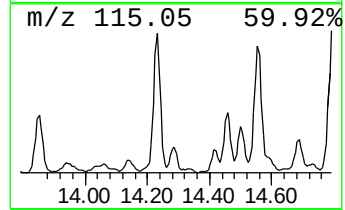
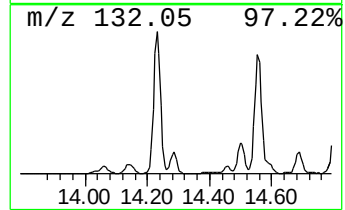
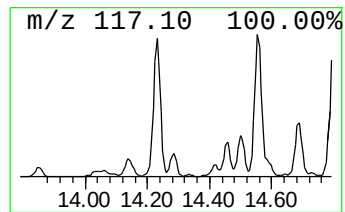
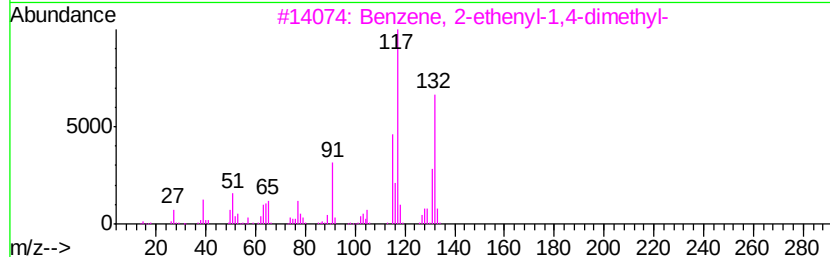
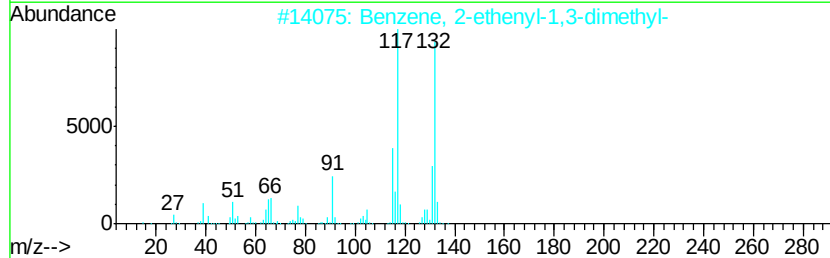
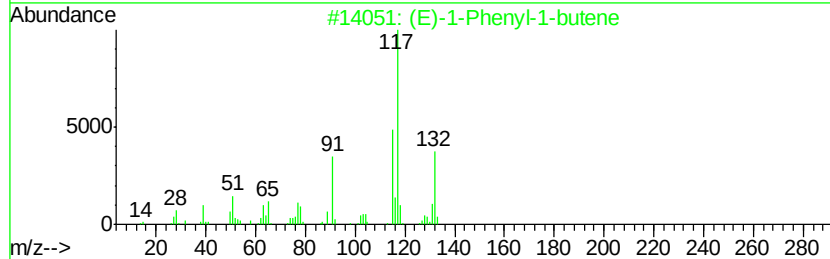
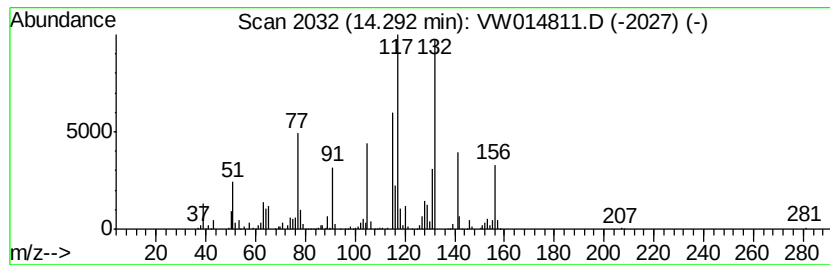
Instrument :
MSVOA_W
ClientSampleId :
GAT02

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

Peak Number 14 (E)-1-Phenyl-1-butene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	8.25 ug/L	744154	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	(E)-1-Phenyl-1-butene	132 C10H12	001005-64-7	93
2	Benzene, 2-ethenyl-1,3-dimethyl-	132 C10H12	002039-90-9	93
3	Benzene, 2-ethenyl-1,4-dimethyl-	132 C10H12	002039-89-6	93
4	2,4-Dimethylstyrene	132 C10H12	002234-20-0	93
5	Benzene, (2-methyl-2-propenyl)-	132 C10H12	003290-53-7	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

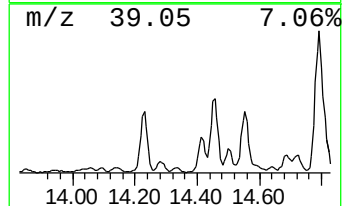
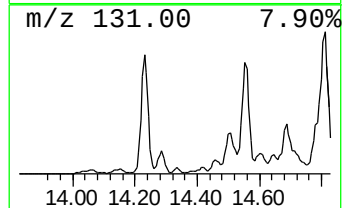
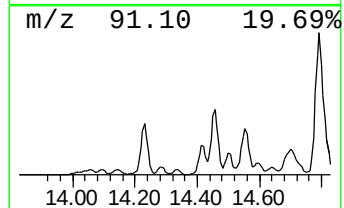
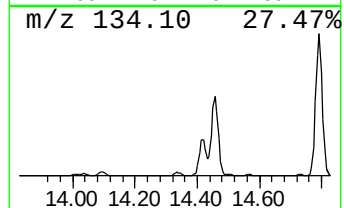
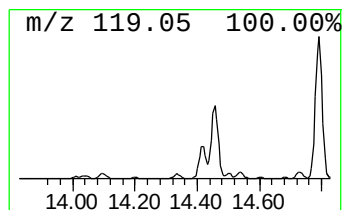
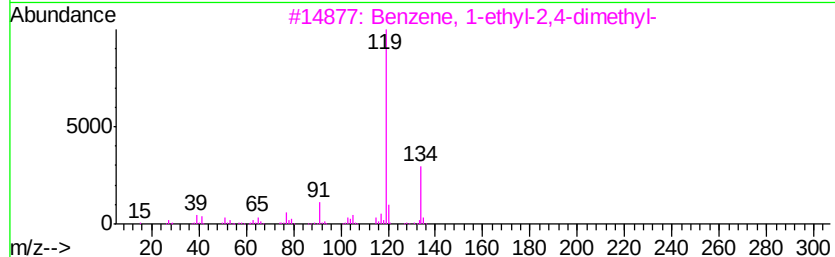
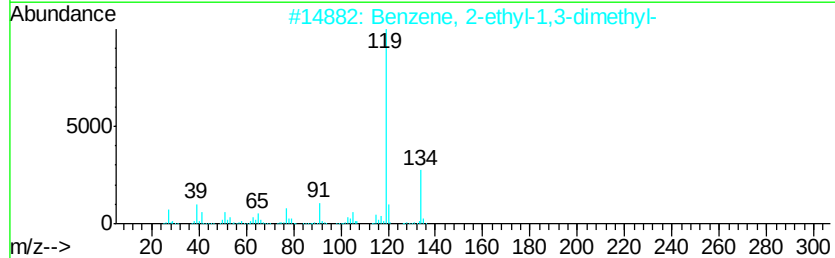
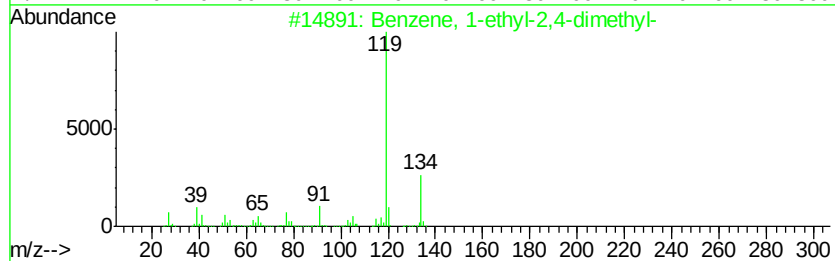
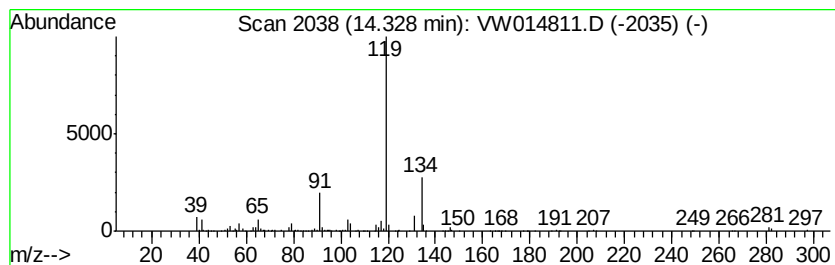
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	5.41 ug/L	488620	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	80
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

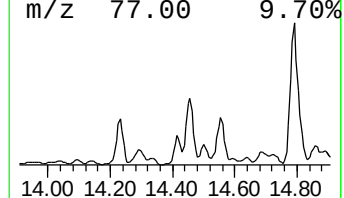
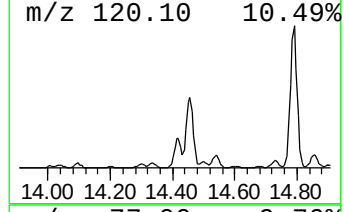
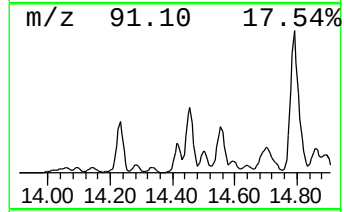
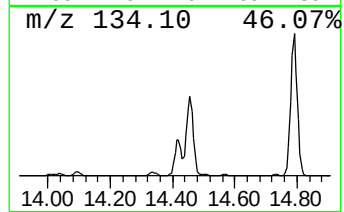
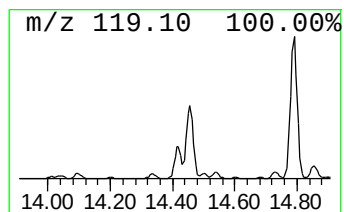
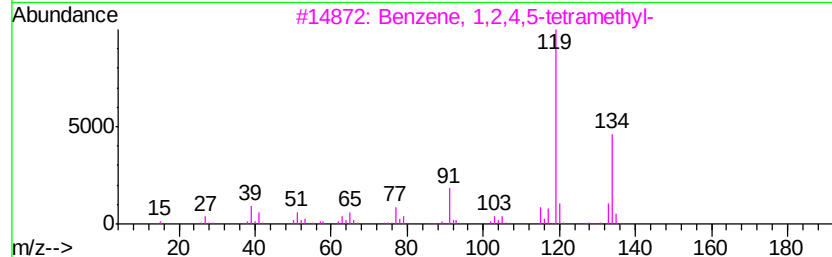
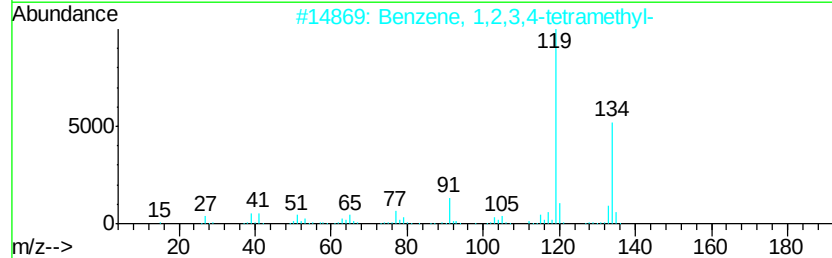
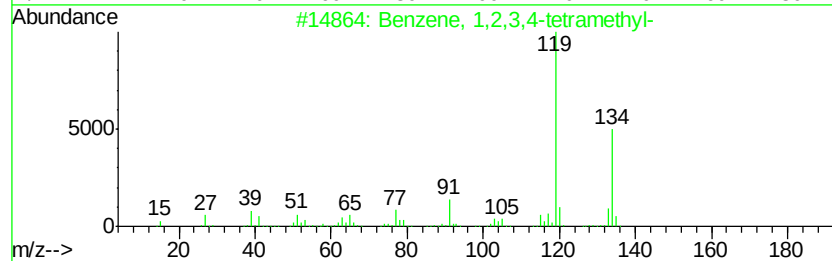
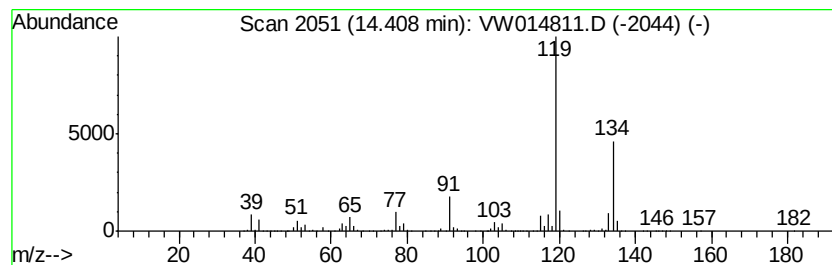
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	29.84 ug/L	2692840	1,4-Dichlorobenzene-d4	13.55

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

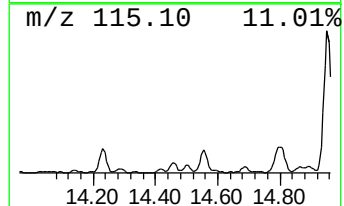
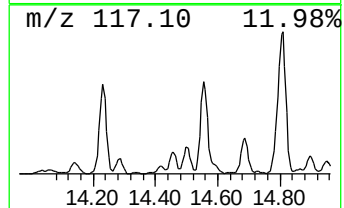
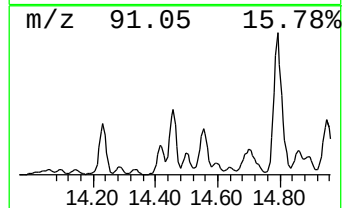
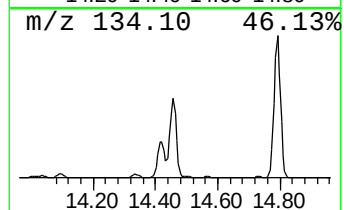
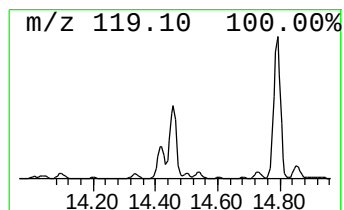
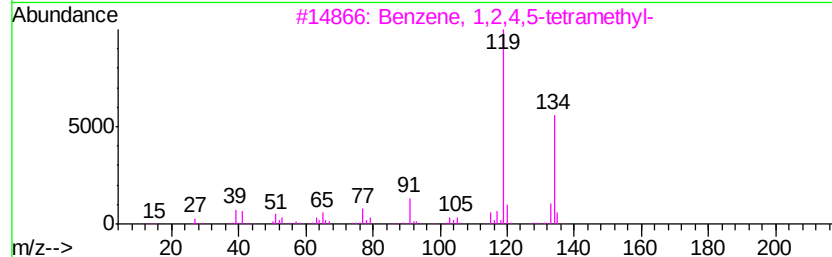
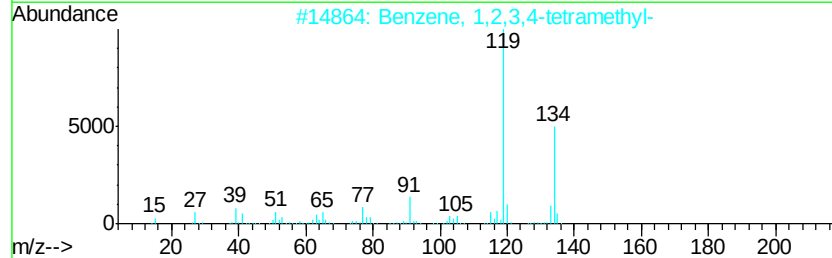
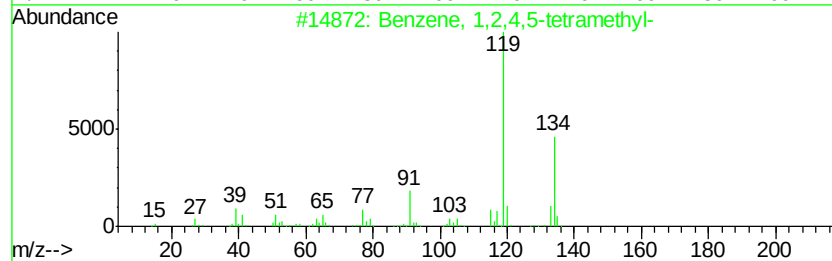
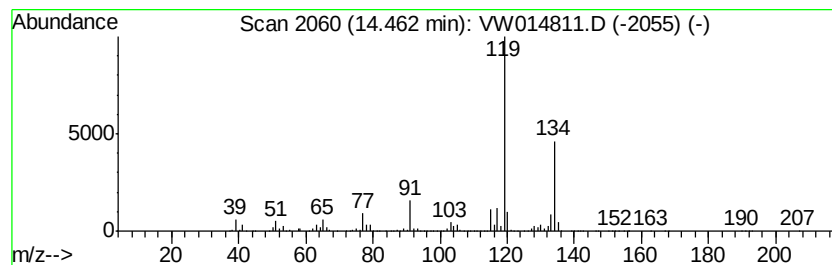
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	57.65 ug/L	5202590	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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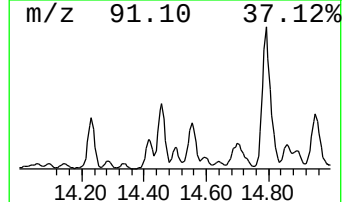
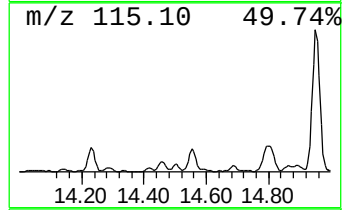
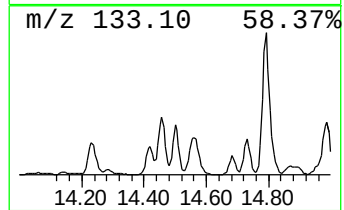
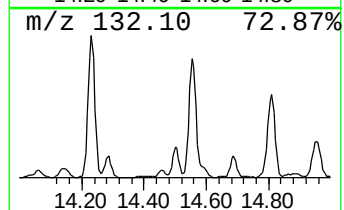
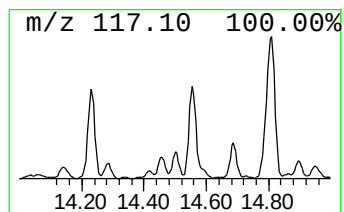
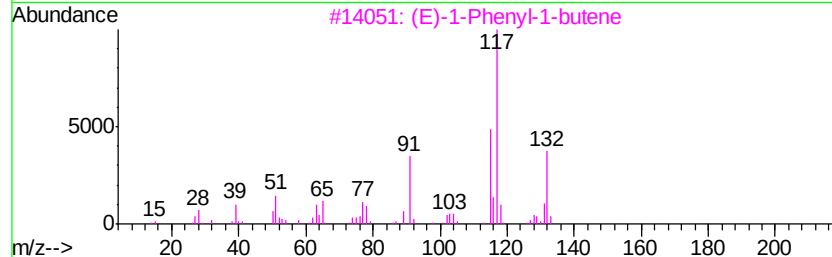
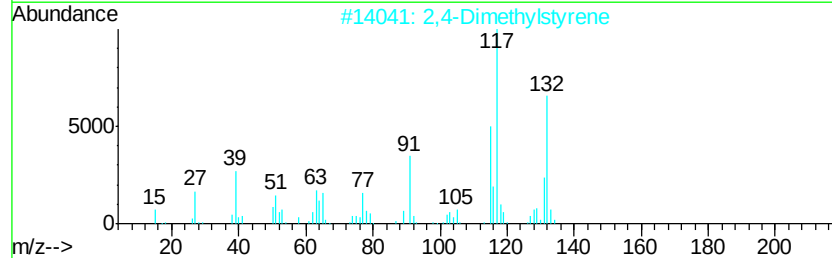
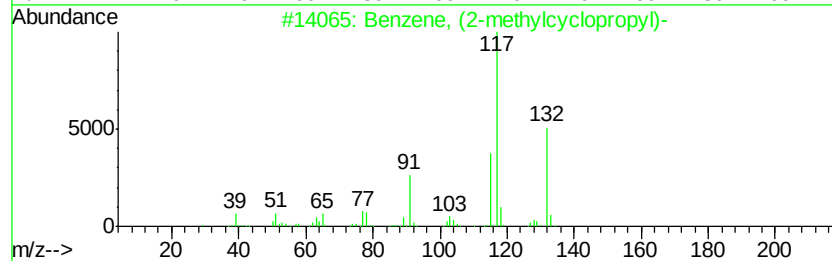
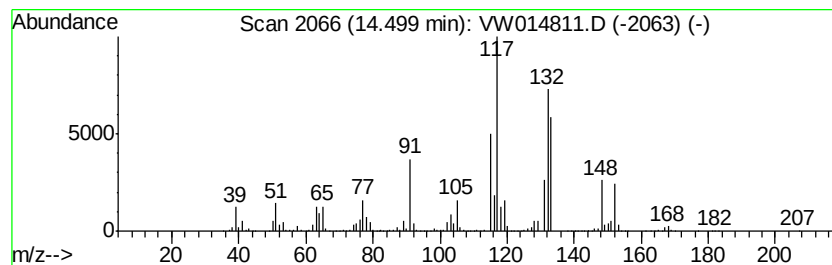
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Quant Title : VOC Analysis

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

Peak Number 18 Benzene, (2-methylcycloprop... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	15.79 ug/L	1424520	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	90
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
3		(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	86
4		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	86
5		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

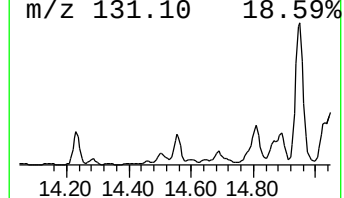
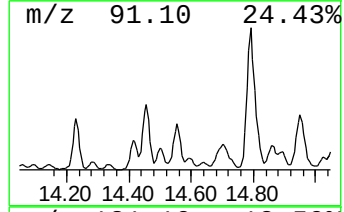
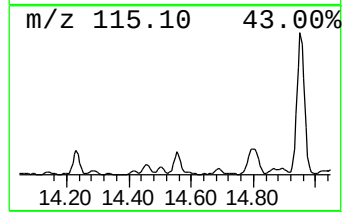
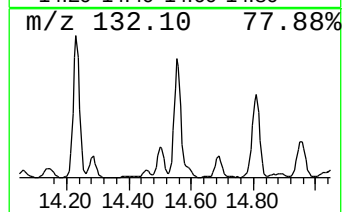
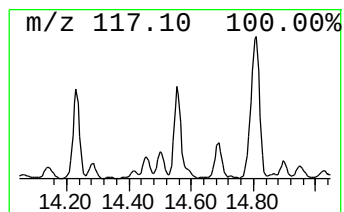
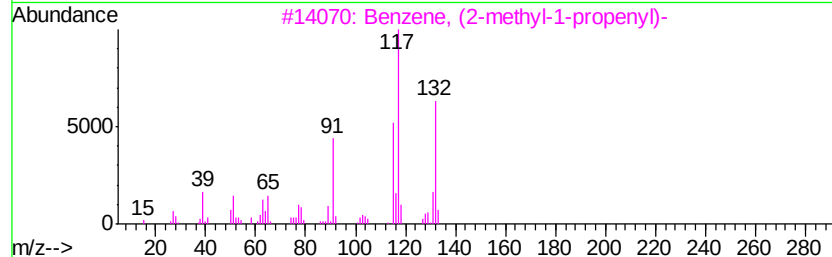
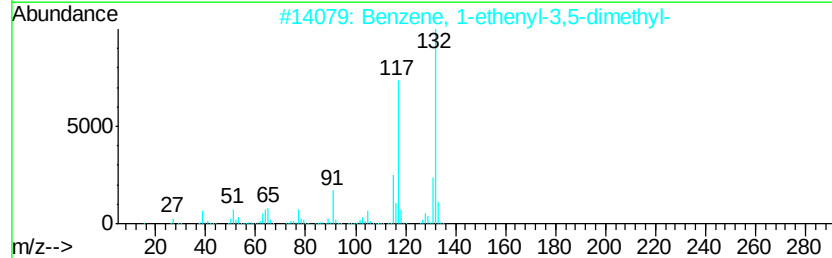
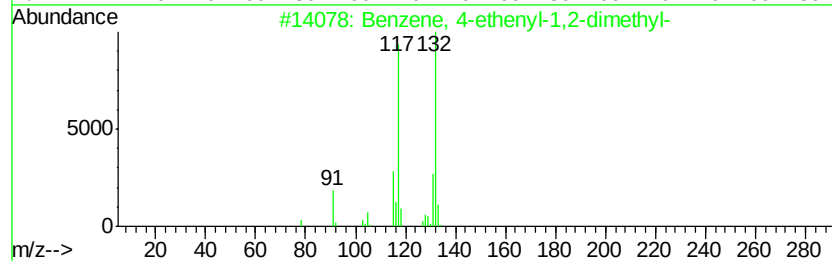
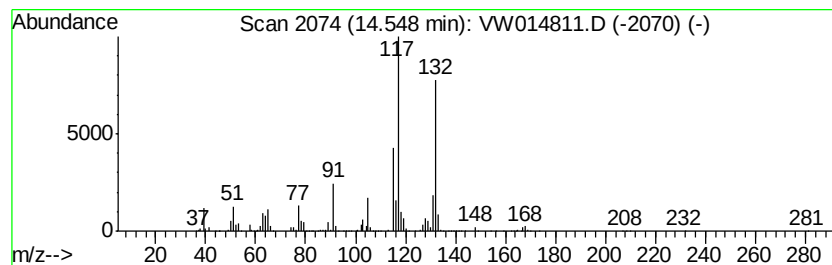
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Quant Title : VOC Analysis

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

Peak Number 19 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	60.31 ug/L	5442450	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	97
2		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	96
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
4		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
5		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

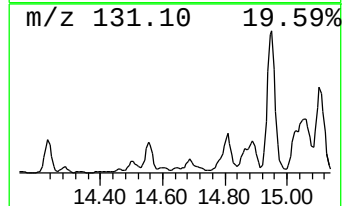
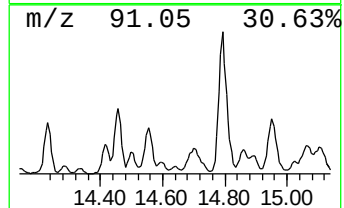
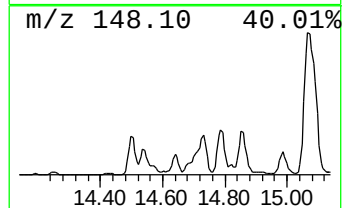
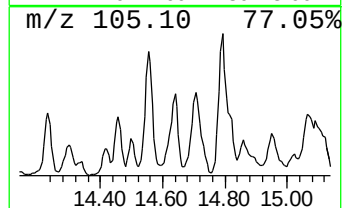
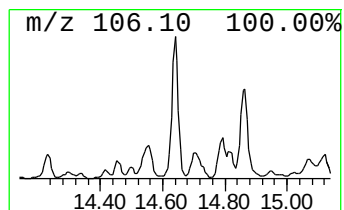
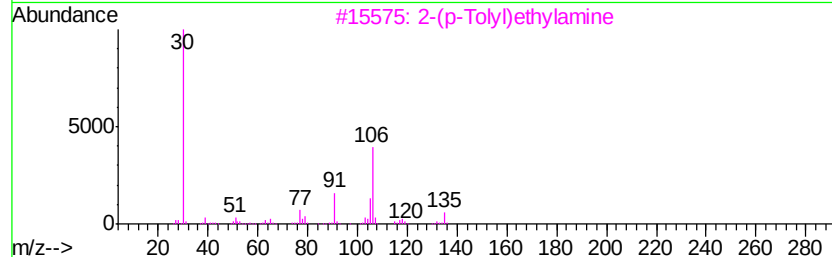
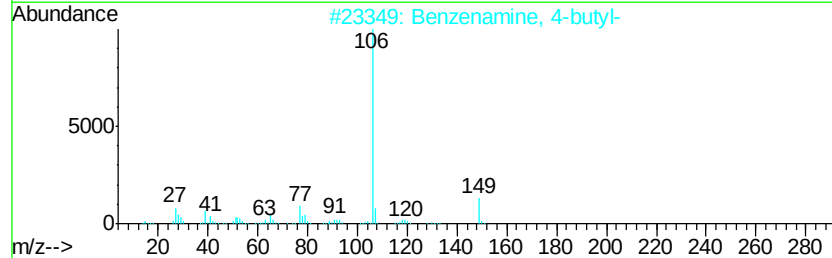
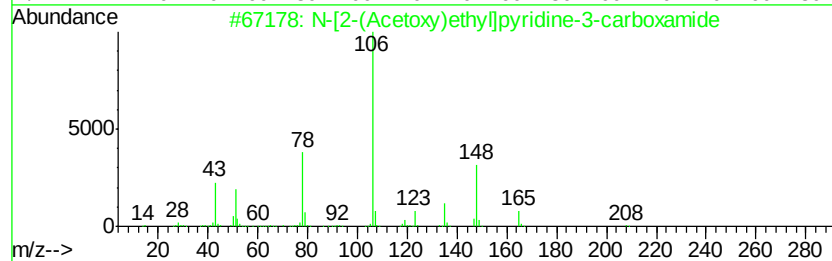
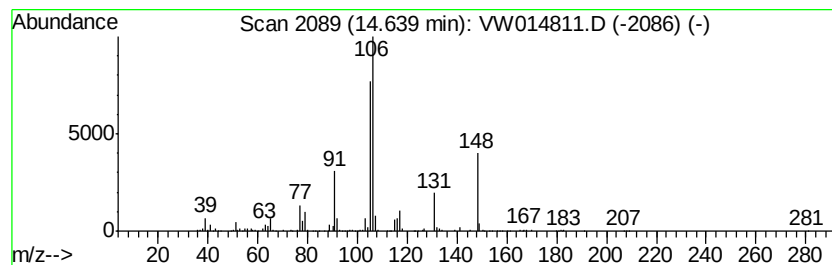
Instrument :
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ClientSampleId :
GAT02

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Quant Title : VOC Analysis

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

Peak Number 20 unknown-02 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.50 ug/L	225383	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		N-[2-(Acetoxv)ethyl]pyridine-3-c...	208 C10H12N2O3	083440-03-3 43
2		Benzenamine, 4-butyl-	149 C10H15N	000104-13-2 38
3		2-(p-Tolyl)ethylamine	135 C9H13N	003261-62-9 37
4		2-Methyl-5-butylpyridine	149 C10H15N	000702-16-9 35
5		Benzenamine, 4-butyl-	149 C10H15N	000104-13-2 35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

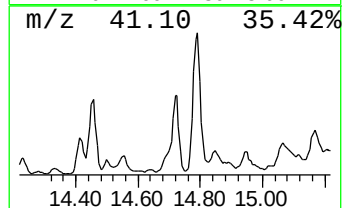
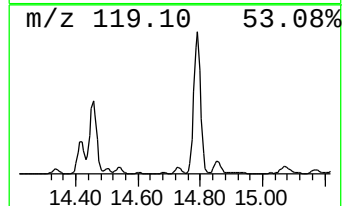
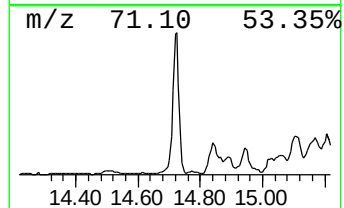
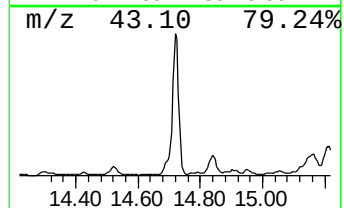
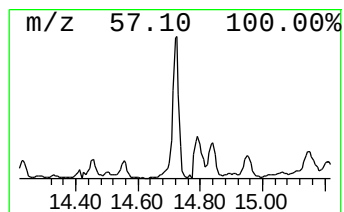
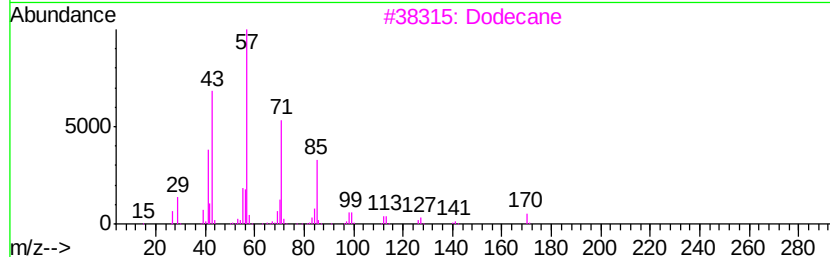
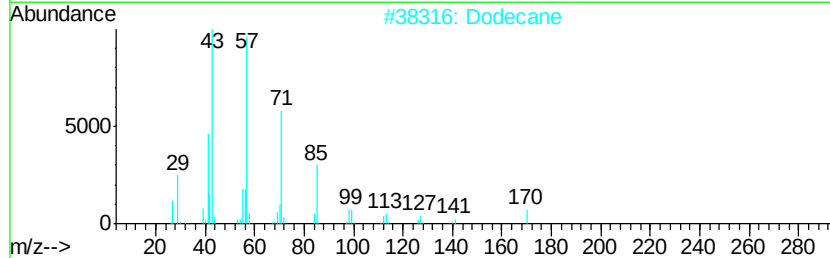
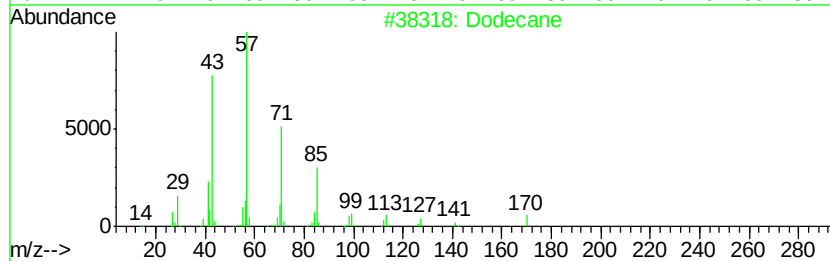
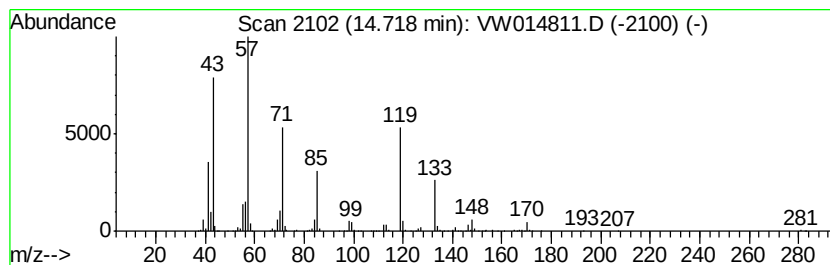
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	16.75 ug/L	1511320	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	52
2		Dodecane	170	C12H26	000112-40-3	38
3		Dodecane	170	C12H26	000112-40-3	38
4		Decane, 3-methyl-	156	C11H24	013151-34-3	30
5		Undecane	156	C11H24	001120-21-4	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

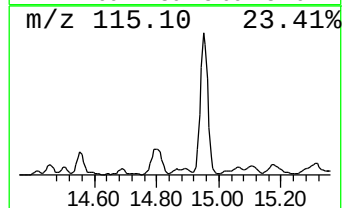
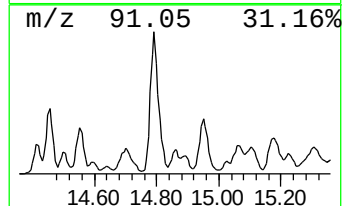
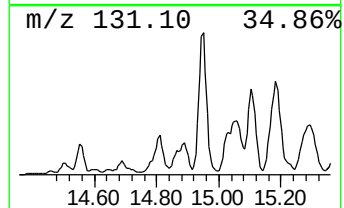
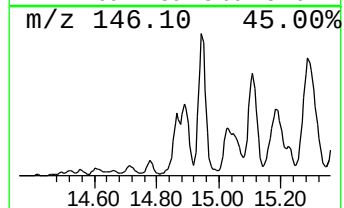
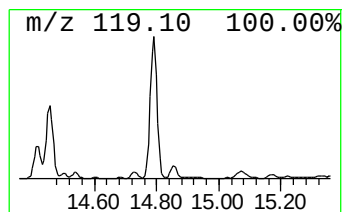
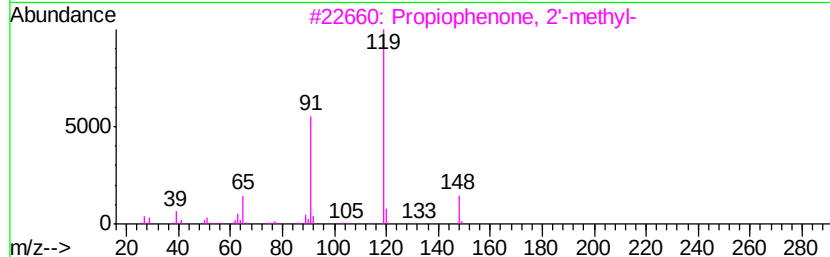
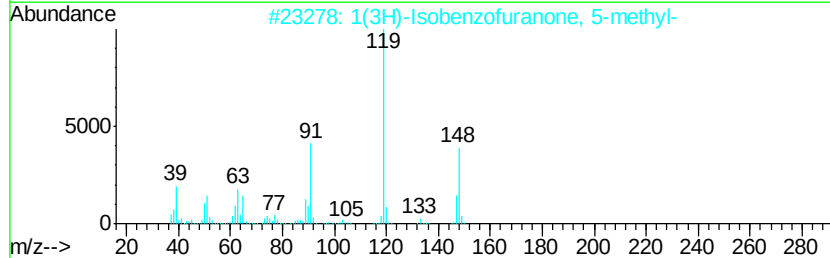
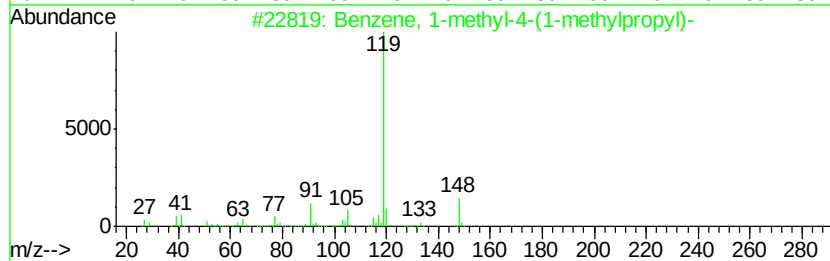
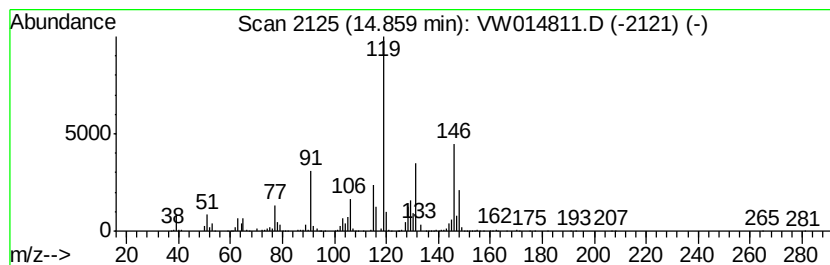
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Quant Title : VOC Analysis

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

Peak Number 24 unknown-03 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	14.91 ug/L	1345260	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	38
2		1(3H)-Isobenzofuranone, 5-methyl-	148	C9H8O2	054120-64-8	35
3		Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	35
4		Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	27
5		m-Toluic acid, 2-methylphenyl ester	226	C15H14O2	021121-93-7	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

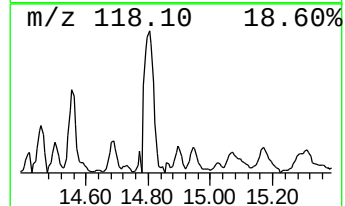
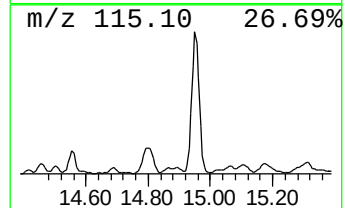
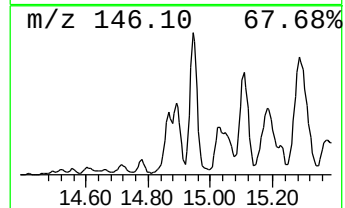
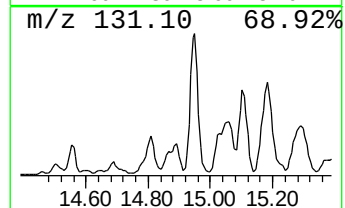
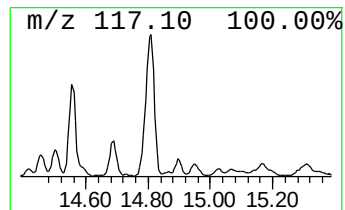
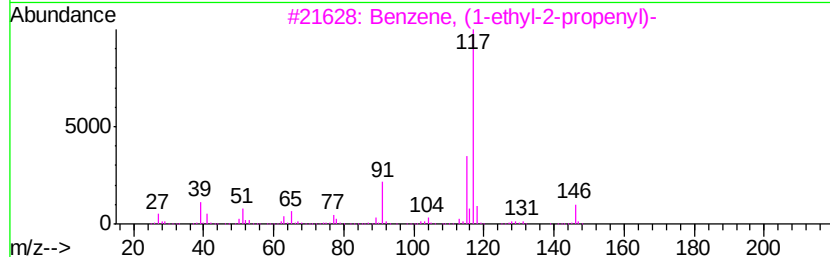
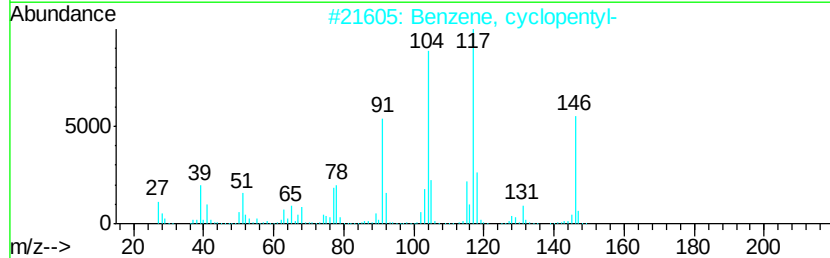
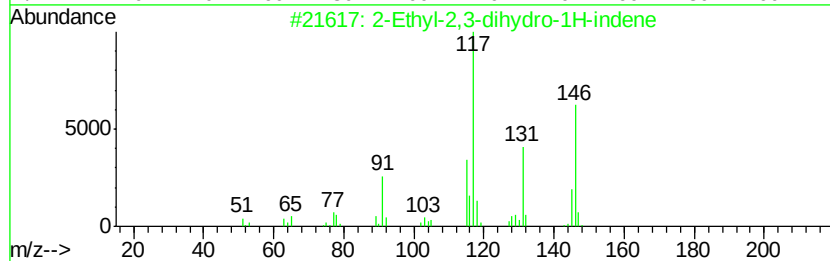
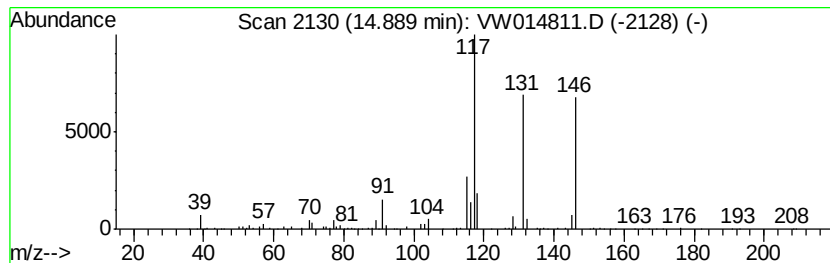
Instrument :
MSVOA_W
ClientSampleId :
GAT02

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

Peak Number 25 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.89	11.03 ug/L	995736	1,4-Dichlorobenzene-d4	13.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	64
2		Benzene, cyclopentyl-	146	C11H14	000700-88-9	59
3		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	45
4		Indan, 1-methyl-	132	C10H12	000767-58-8	43
5		Benzene, 1-(chloromethyl)-4-ethe...	152	C9H9Cl	001592-20-7	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

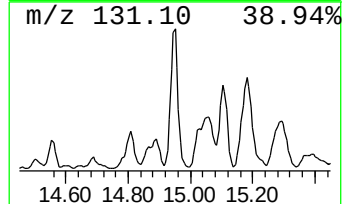
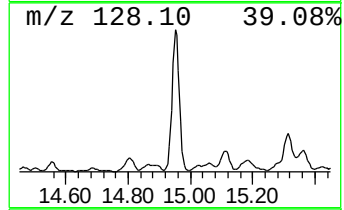
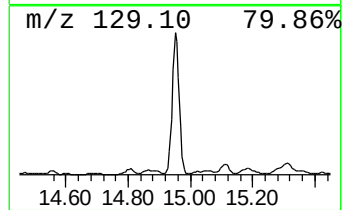
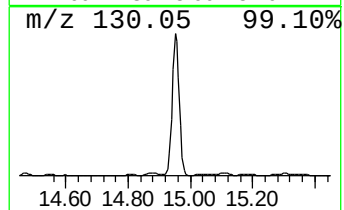
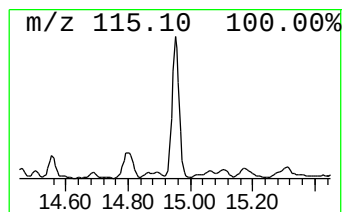
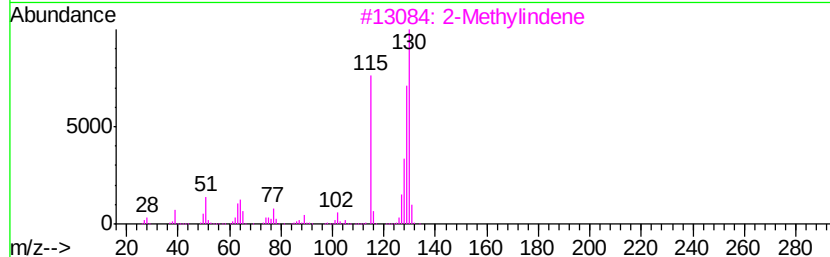
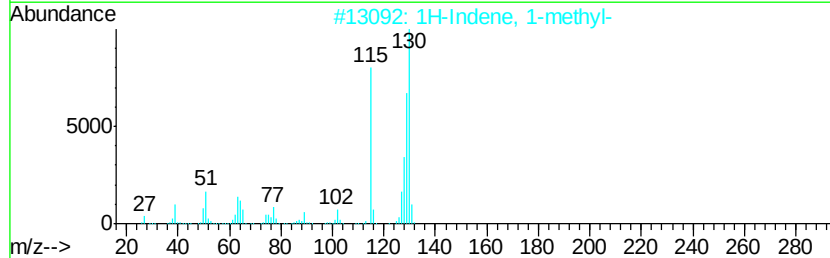
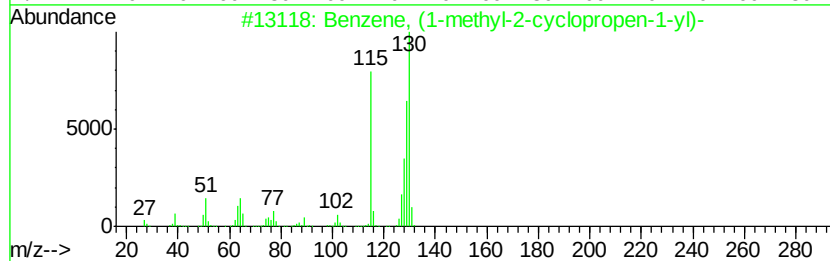
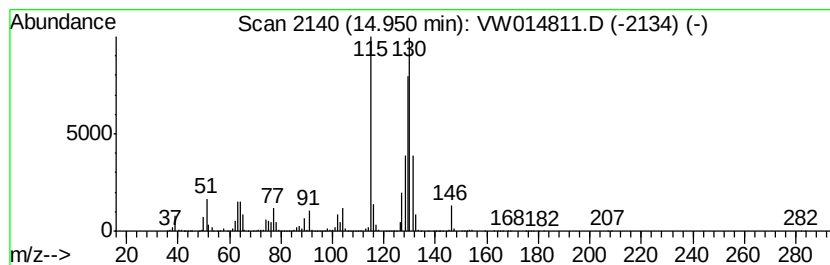
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Quant Title : VOC Analysis

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

Peak Number 26 Benzene, (1-methyl-2-cyclop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	190.15 ug/L	17159100	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3		2-Methylindene	130	C10H10	002177-47-1	95
4		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
5		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

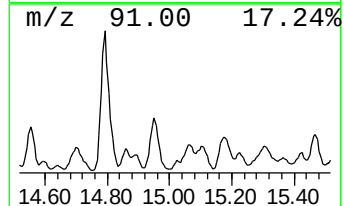
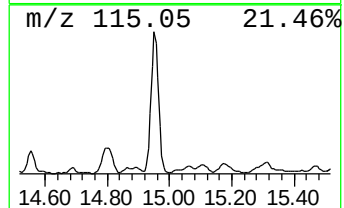
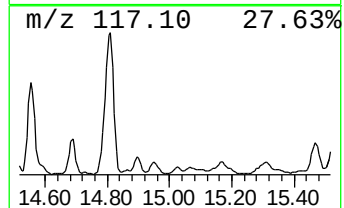
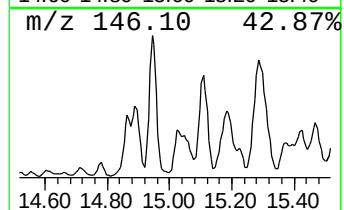
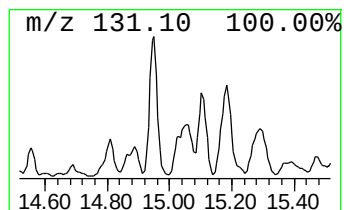
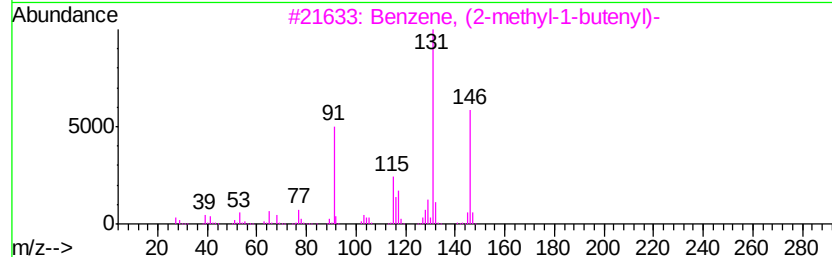
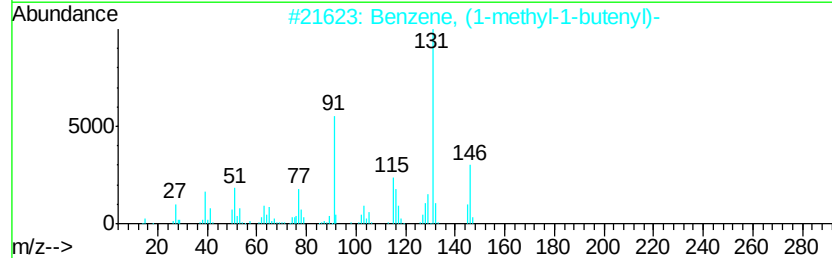
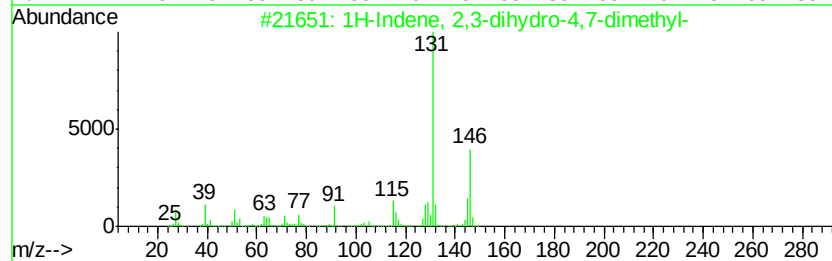
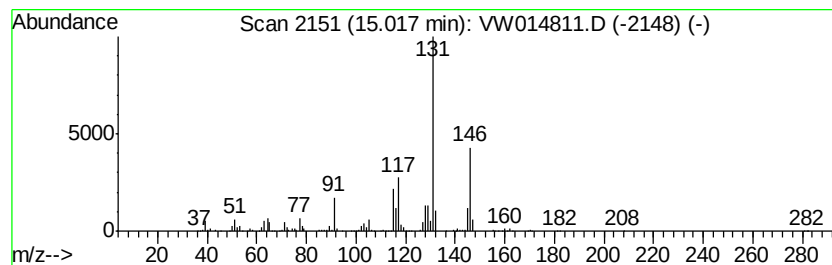
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

Peak Number 27 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	9.68 ug/L	873922	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
3		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
4		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
5		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

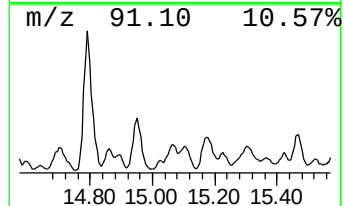
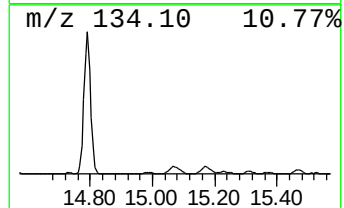
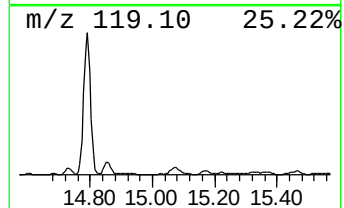
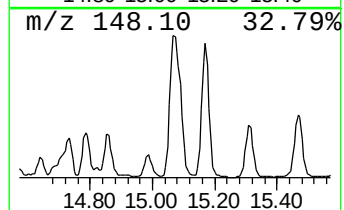
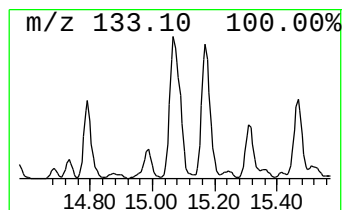
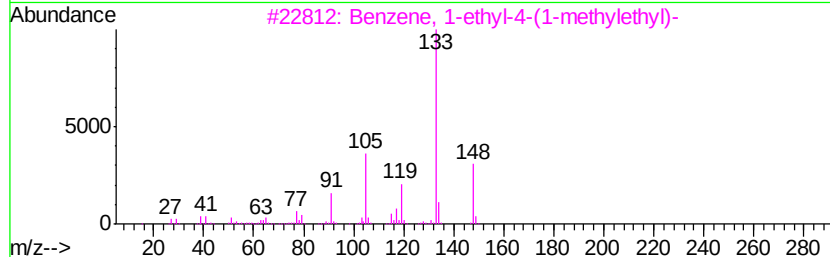
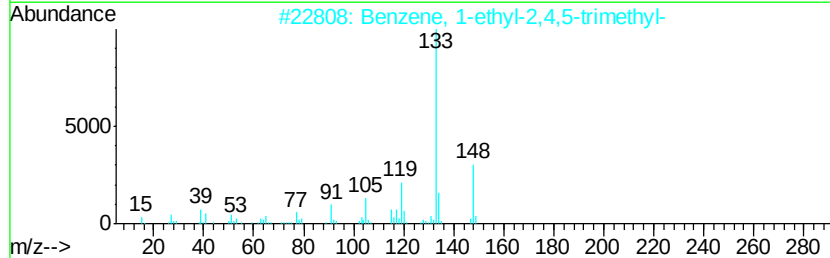
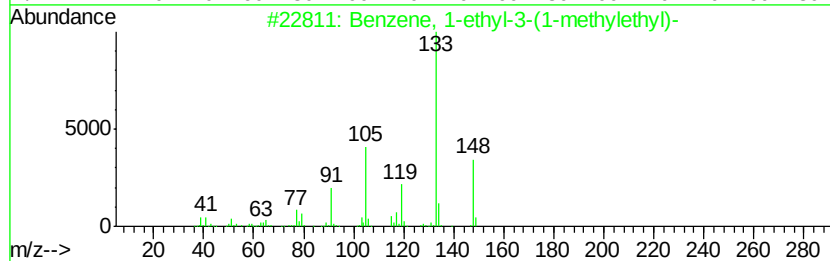
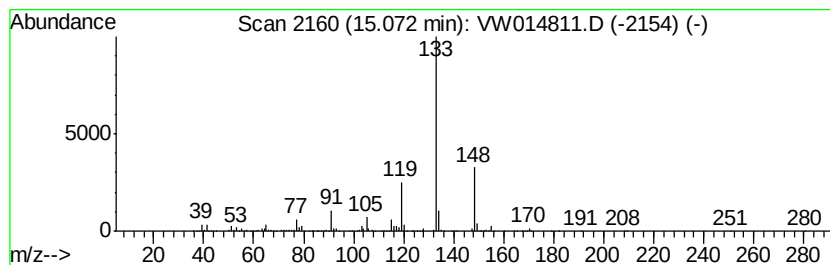
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Quant Title : VOC Analysis

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

Peak Number 28 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	32.26 ug/L	2911460	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	83
2		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	83
3		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	83
4		Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	81
5		Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

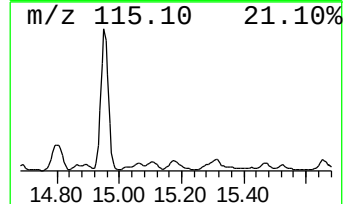
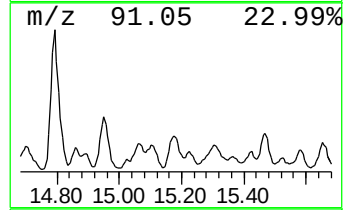
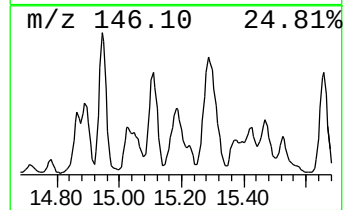
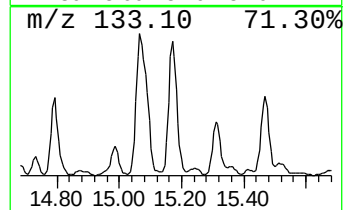
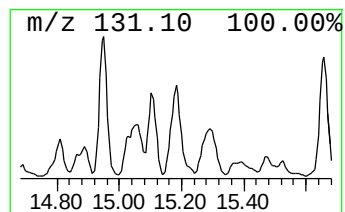
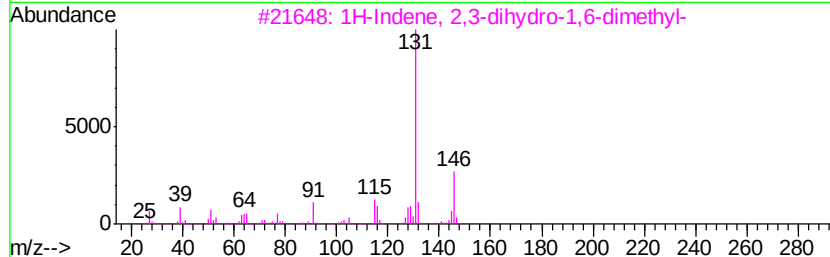
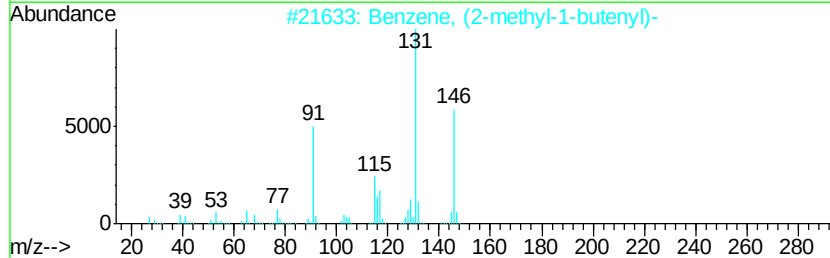
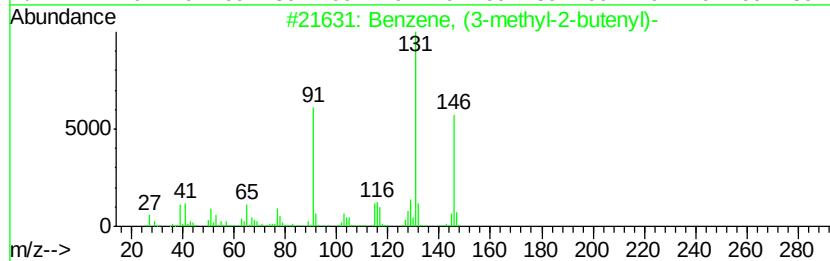
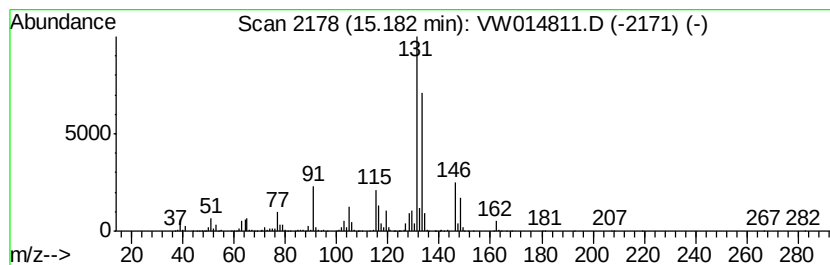
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Quant Title : VOC Analysis

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

Peak Number 30 Benzene, (3-methyl-2-butenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	57.34 ug/L	5174860	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	89
2		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	50
4		Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	50
5		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

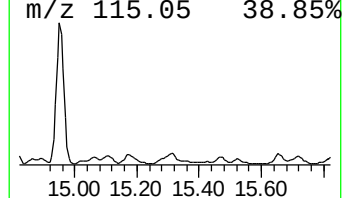
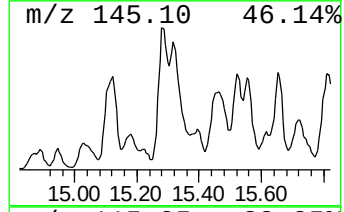
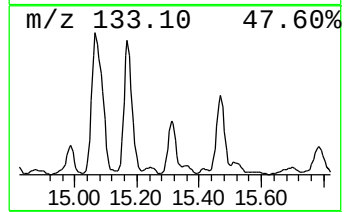
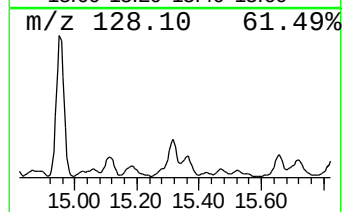
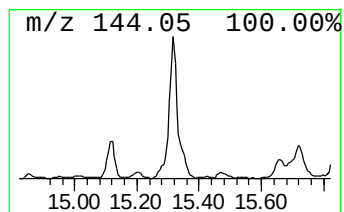
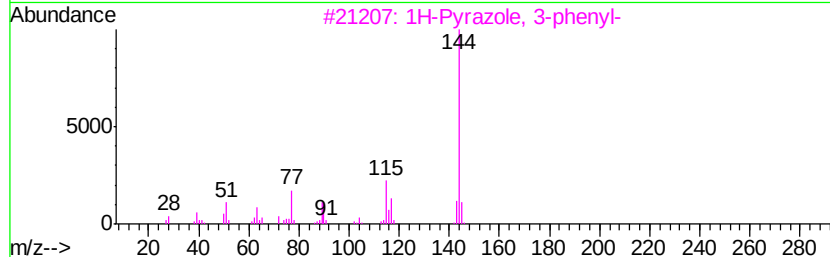
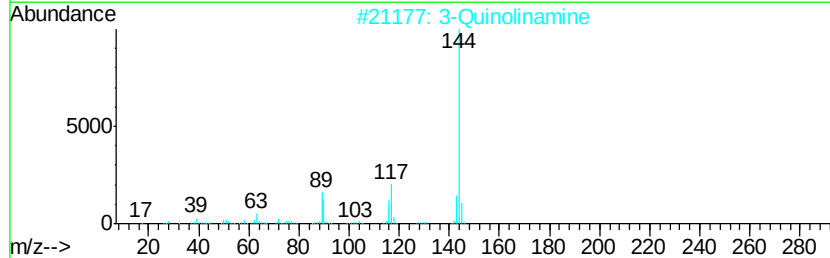
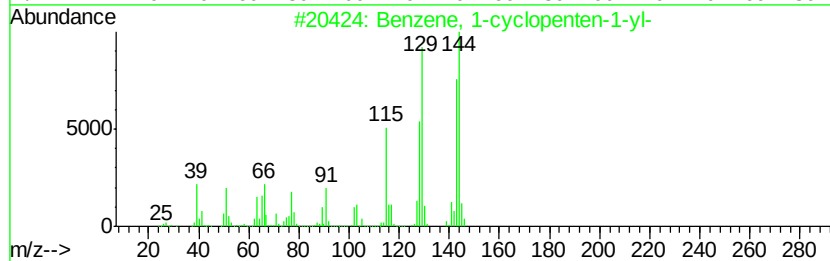
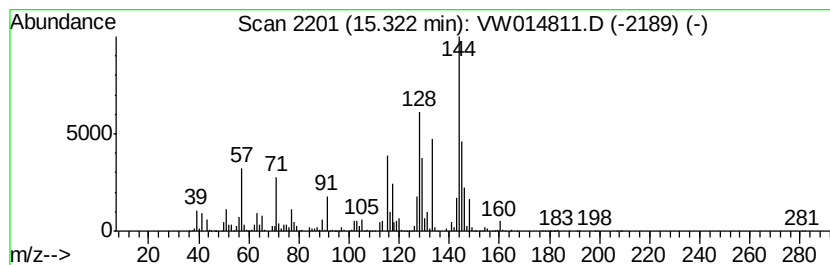
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Quant Title : VOC Analysis

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

Peak Number 31 unknown-04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	63.14 ug/L	5698230	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-cyclopenten-1-yl-	144	C11H12	000825-54-7	38
2		3-Quinolinamine	144	C9H8N2	000580-17-6	35
3		1H-Pyrazole, 3-phenyl-	144	C9H8N2	002458-26-6	27
4		2-Naphthalenol	144	C10H8O	000135-19-3	22
5		1-Naphthalenol	144	C10H8O	000090-15-3	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

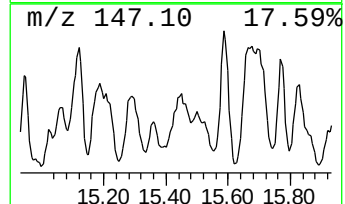
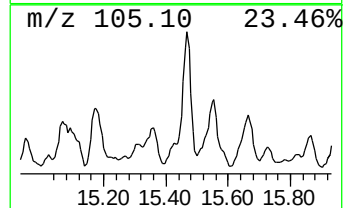
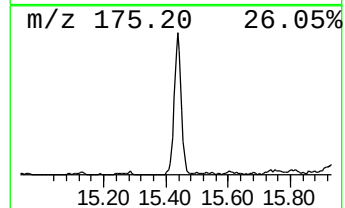
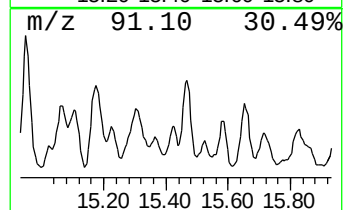
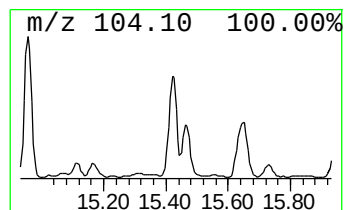
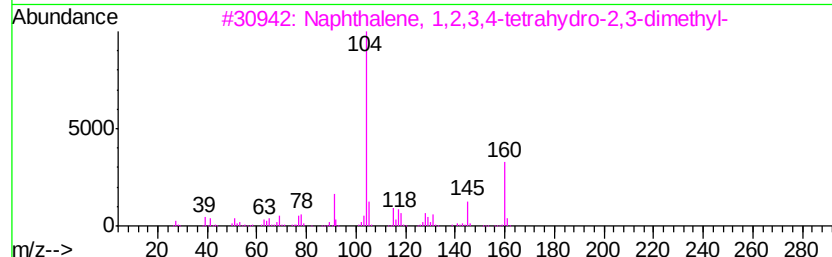
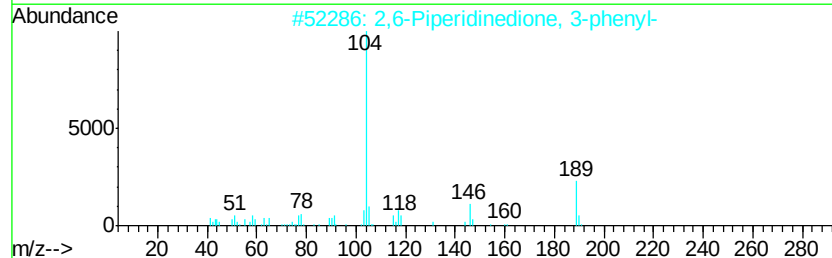
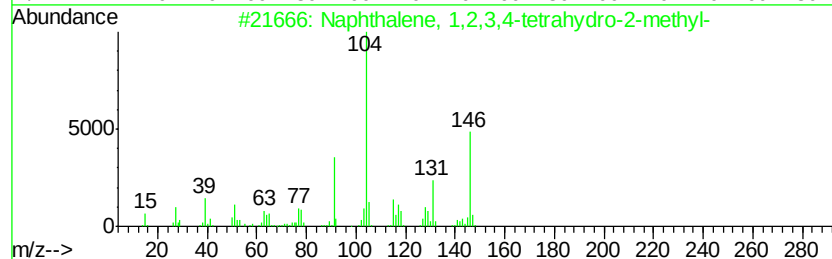
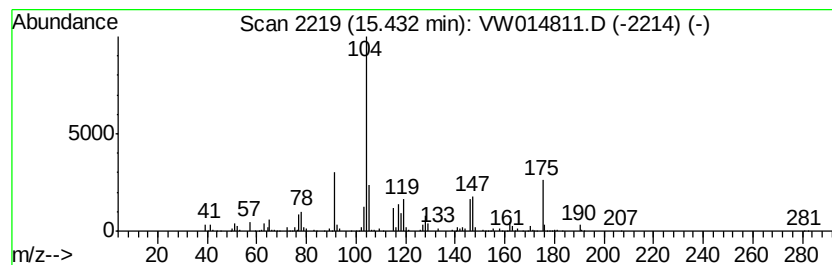
Instrument :
MSVOA_W
ClientSampled :
GAT02

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

Peak Number 32 Naphthalene, 1,2,3,4-tetra... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.43	5.65 ug/L	509829	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	64
2	2,6-Piperidinedione, 3-phenyl-	189	C11H11NO2	014149-34-9	59
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	53
4	Isoxazole, 3-ethyl-4,5-dihydro-5...	175	C11H13NO	1000362-14-9	53
5	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

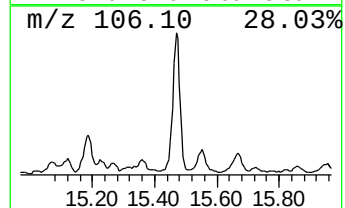
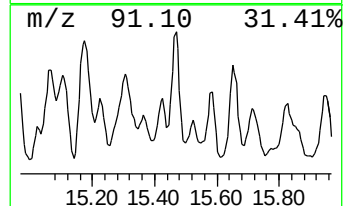
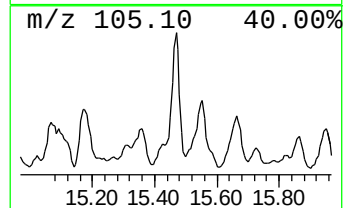
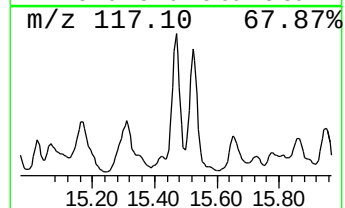
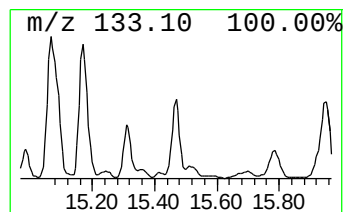
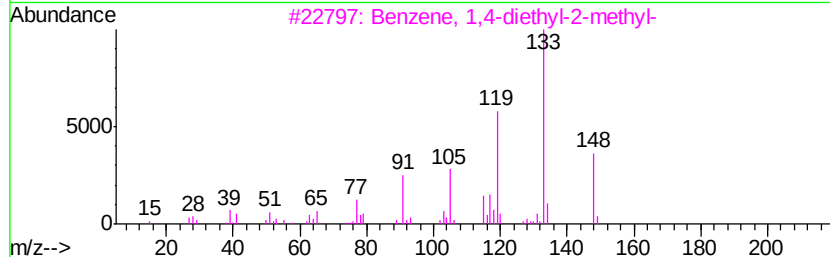
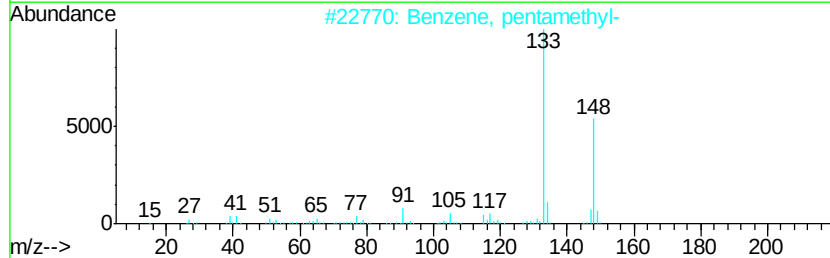
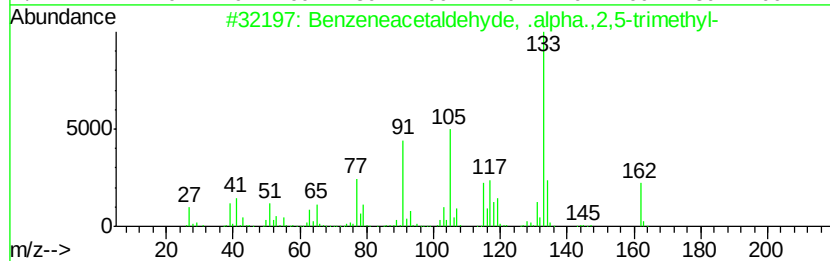
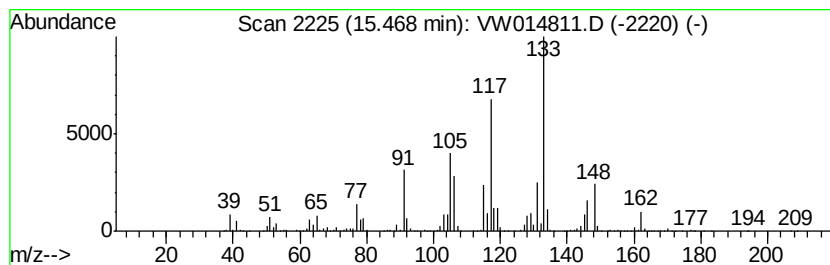
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Quant Title : VOC Analysis

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

Peak Number 33 Benzeneacetaldehyde, .alpha... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	34.74 ug/L	3135130	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneacetaldehyde, .alpha.,2,5...	162	C11H14O	052417-50-2	55
2		Benzene, pentamethyl-	148	C11H16	000700-12-9	53
3		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	49
4		Benzene, 1,3-dimethyl-5-(1-methyl...	148	C11H16	004706-90-5	46
5		Benzene, 1,3-dimethyl-5-(1-methyl...	148	C11H16	004706-90-5	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

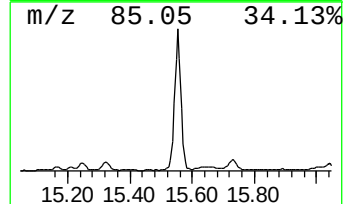
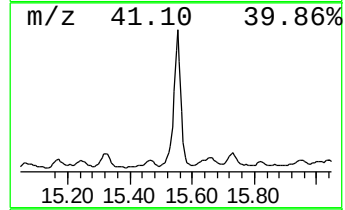
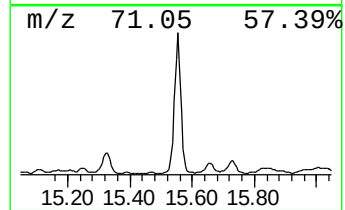
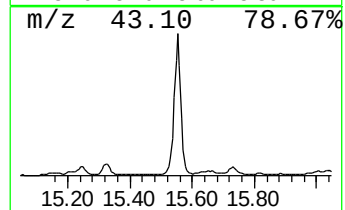
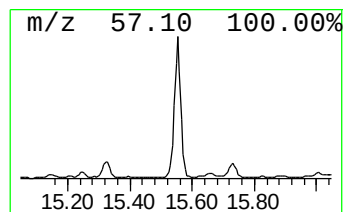
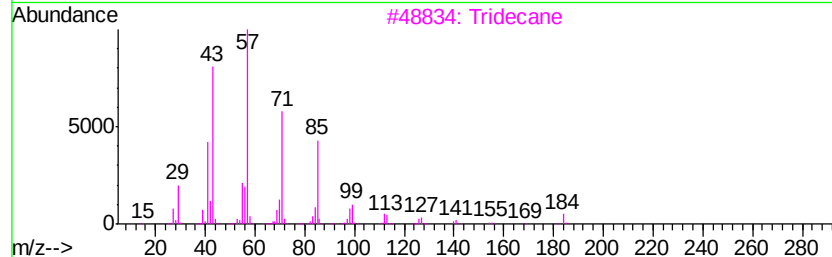
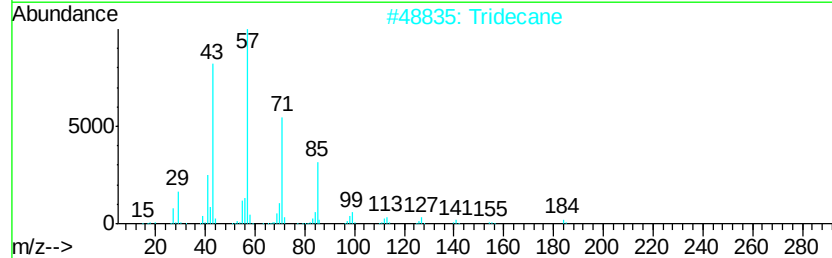
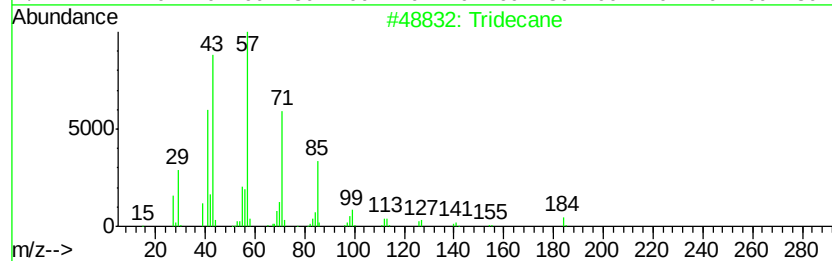
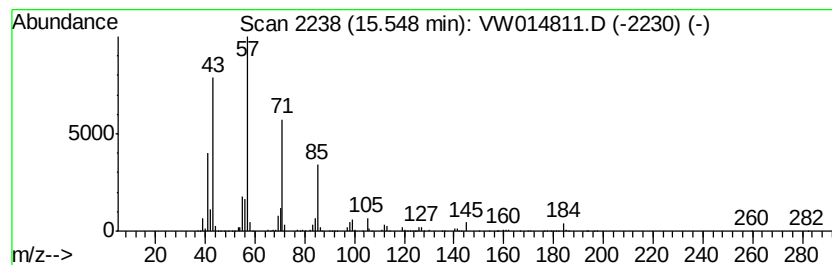
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Quant Title : VOC Analysis

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	103.44 ug/L	9334360	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Tridecane	184	C13H28	000629-50-5	94
3		Tridecane	184	C13H28	000629-50-5	93
4		Tetradecane	198	C14H30	000629-59-4	87
5		Dodecane	170	C12H26	000112-40-3	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

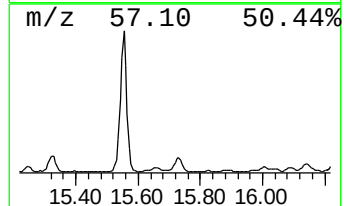
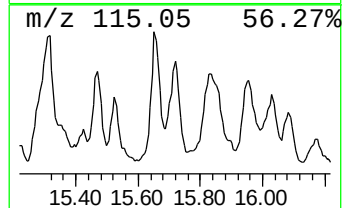
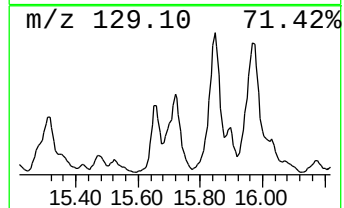
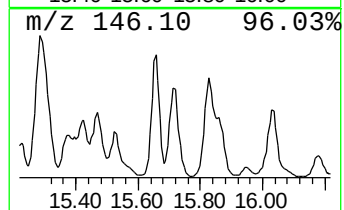
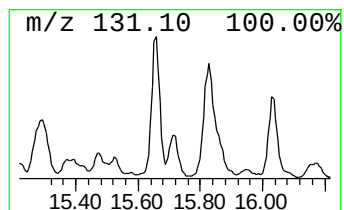
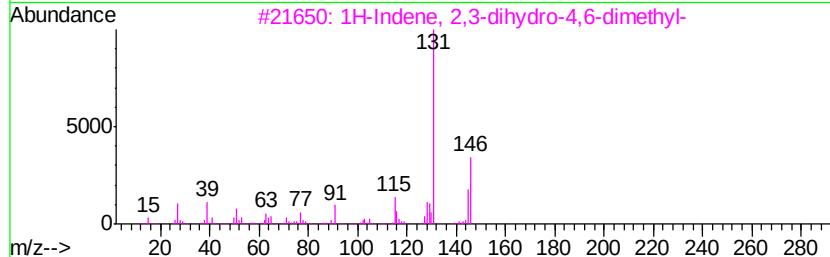
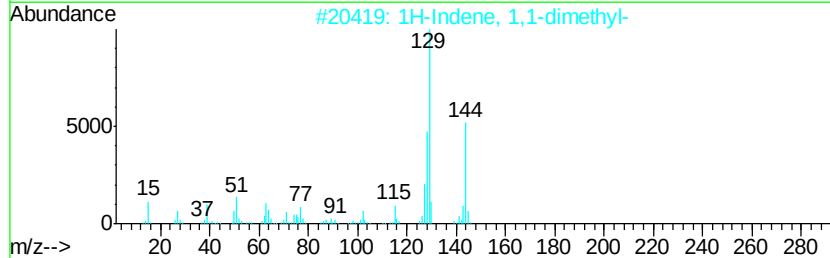
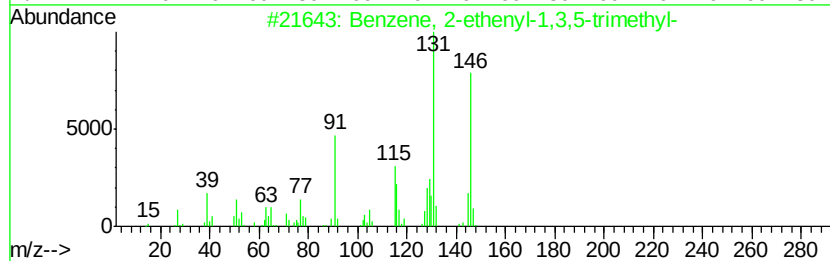
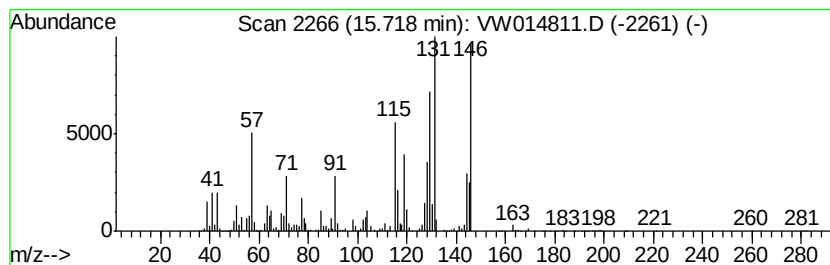
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Quant Title : VOC Analysis

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

Peak Number 36 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	33.49 ug/L	3022230	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	52
2		1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	44
3		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	38
4		1H-Cyclopropa[blnaphthalene, 1a,...	144	C11H12	006571-72-8	35
5		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

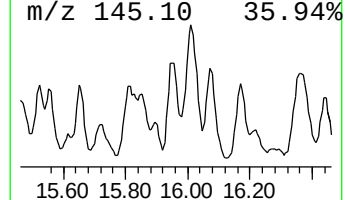
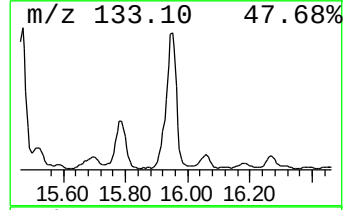
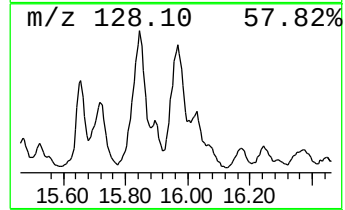
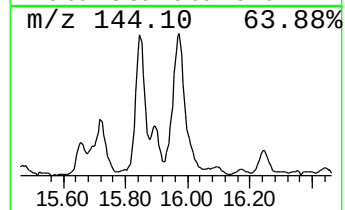
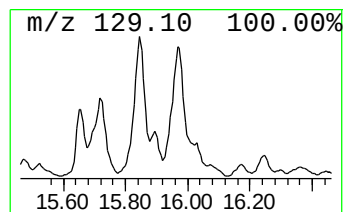
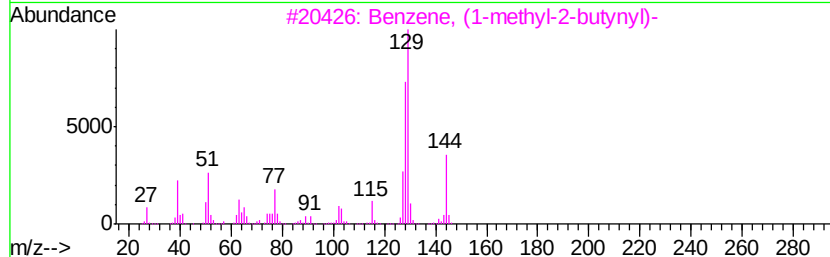
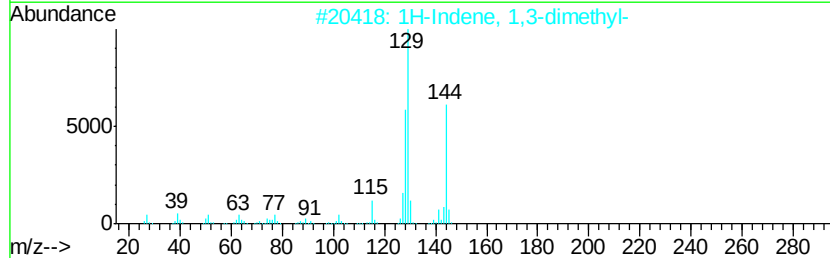
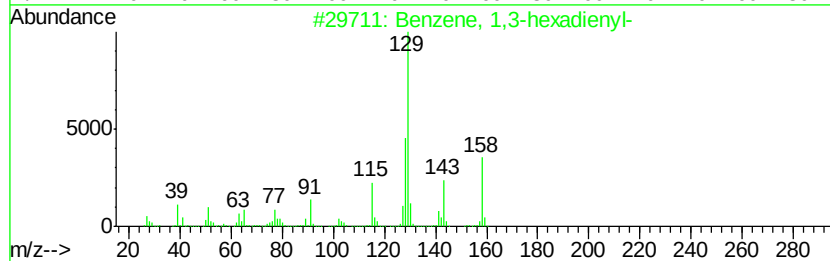
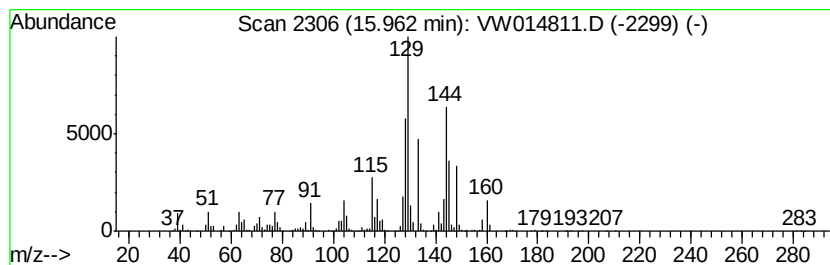
Instrument :
MSVOA_W
ClientSampleId :
GAT02

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

Peak Number 38 Benzene, 1,3-hexadienyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	43.52 ug/L	3927660	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,3-hexadienyl-	158 C12H14	041635-77-2 66
2		1H-Indene, 1,3-dimethyl-	144 C11H12	002177-48-2 42
3		Benzene, (1-methyl-2-butynyl)-	144 C11H12	087712-69-4 42
4		(1-Methylenebut-2-enyl)benzene	144 C11H12	070588-46-4 38
5		Benzene, (2-cyclopropylethenyl)-	144 C11H12	1000142-01-6 38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

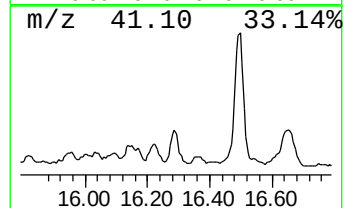
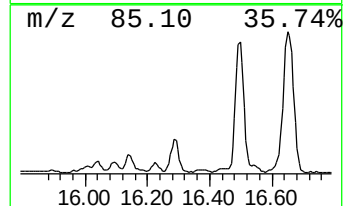
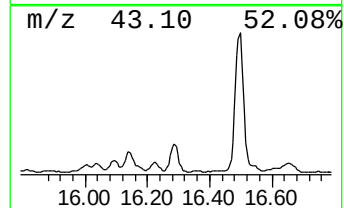
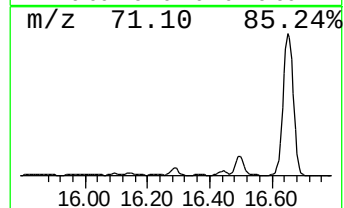
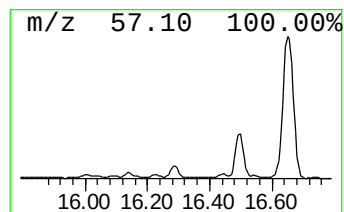
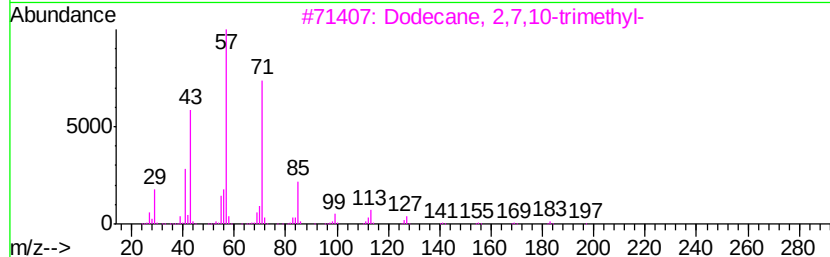
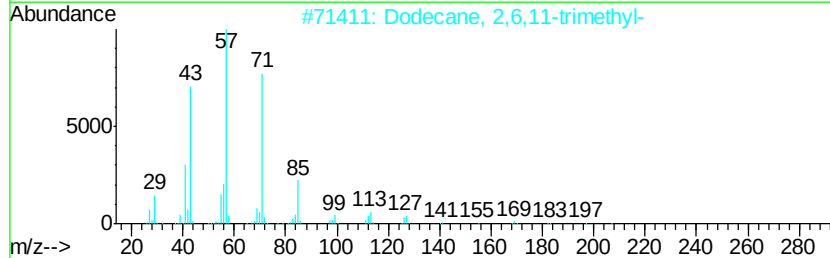
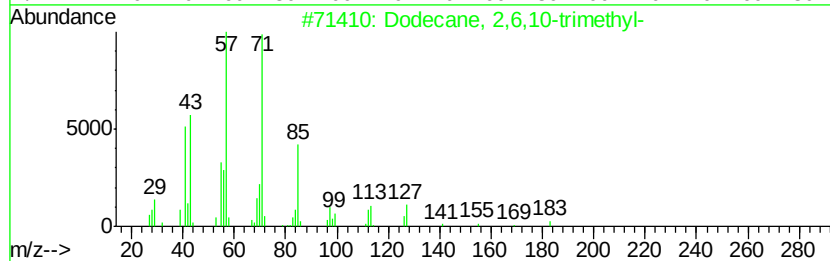
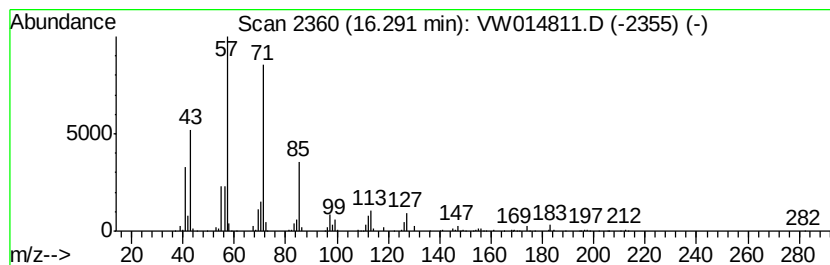
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Quant Title : VOC Analysis

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	13.32 ug/L	1202310	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
5		Decane, 2-methyl-	156	C11H24	006975-98-0	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW013020\
Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

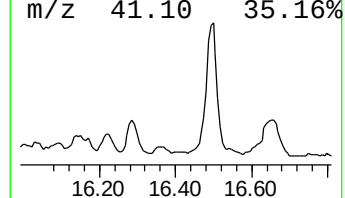
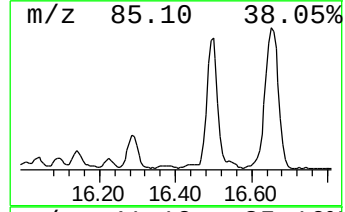
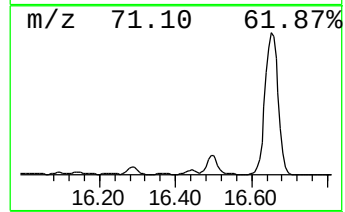
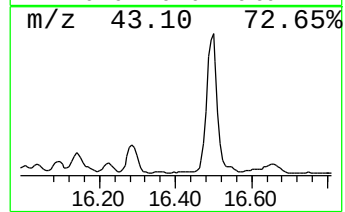
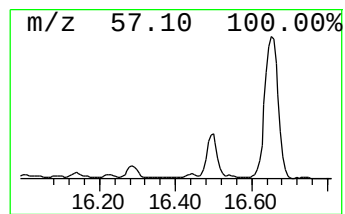
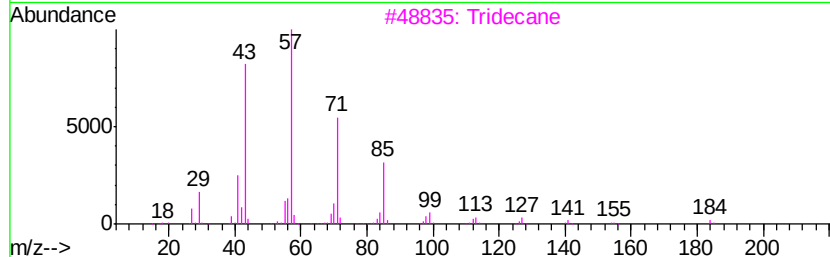
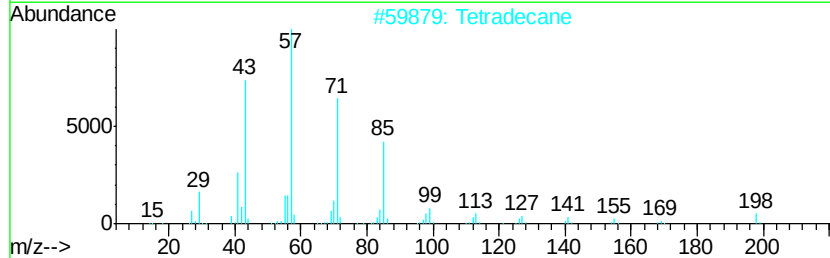
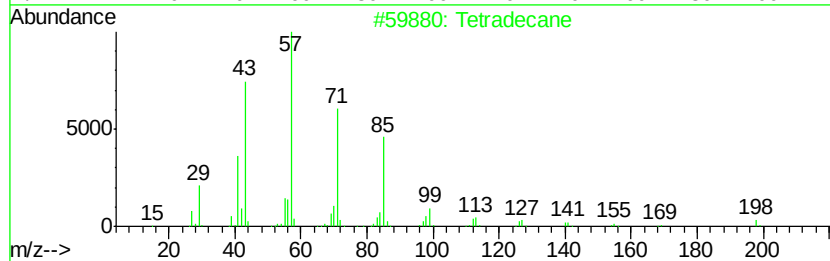
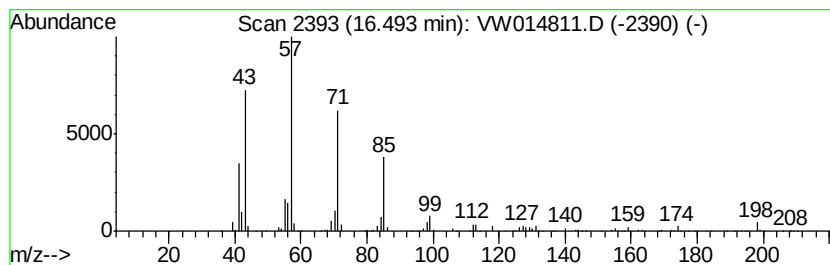
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	50.94 ug/L	4596540	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Tetradecane	198	C14H30	000629-59-4	94
3		Tridecane	184	C13H28	000629-50-5	90
4		Tetradecane	198	C14H30	000629-59-4	80
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\
 Data File : VW014811.D
 Acq On : 30 Jan 2020 14:49
 Operator : SY/VA
 Sample : L1271-11
 Misc : 5.03G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.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
unknown-01	7.13	2.4	ug/L	211331	1	8.84	2213460	25.0
Naphthalene, 1-et...	12.41	3.1	ug/L	301833	2	11.63	2446650	25.0
Naphthalene, 2,6-...	12.87	34.0	ug/L	3071420	3	13.55	2256060	25.0
Naphthalene, 1,7-...	13.30	32.0	ug/L	2891980	3	13.55	2256060	25.0
Naphthalene, 1,8-...	13.44	12.5	ug/L	1125420	3	13.55	2256060	25.0
1-Hexanol, 2-ethyl-	13.65	2.4	ug/L	219467	3	13.55	2256060	25.0
Naphthalene, 1,6-...	13.95	6.1	ug/L	554026	3	13.55	2256060	25.0
p-Cymene	14.04	1.6	ug/L	142700	3	13.55	2256060	25.0
Benzene, 2-ethyl-...	14.10	2.9	ug/L	265254	3	13.55	2256060	25.0
Benzene, 1-etheny...	14.14	5.0	ug/L	451065	3	13.55	2256060	25.0
Benzene, 2-etheny...	14.23	53.3	ug/L	4810630	3	13.55	2256060	25.0
(E)-1-Phenyl-1-bu...	14.29	8.3	ug/L	744154	3	13.55	2256060	25.0
Benzene, 1-ethyl-...	14.33	5.4	ug/L	488620	3	13.55	2256060	25.0
Benzene, 1,2,3,4-...	14.41	29.8	ug/L	2692840	3	13.55	2256060	25.0
Benzene, 1,2,4,5-...	14.46	57.6	ug/L	5202590	3	13.55	2256060	25.0
Benzene, (2-methy...	14.50	15.8	ug/L	1424520	3	13.55	2256060	25.0
Benzene, 4-etheny...	14.55	60.3	ug/L	5442450	3	13.55	2256060	25.0
unknown-02	14.64	2.5	ug/L	225383	3	13.55	2256060	25.0
(DEL) Alkane: Str...	14.72	16.8	ug/L	1511320	3	13.55	2256060	25.0
unknown-03	14.86	14.9	ug/L	1345260	3	13.55	2256060	25.0
2-Ethyl-2,3-dihyd...	14.89	11.0	ug/L	995736	3	13.55	2256060	25.0
Benzene, (1-methy...	14.95	190.2	ug/L	17159100	3	13.55	2256060	25.0
1H-Indene, 2,3-di...	15.02	9.7	ug/L	873922	3	13.55	2256060	25.0
Benzene, 1-ethyl-...	15.07	32.3	ug/L	2911460	3	13.55	2256060	25.0
Benzene, (3-methy...	15.18	57.3	ug/L	5174860	3	13.55	2256060	25.0
unknown-04	15.32	63.1	ug/L	5698230	3	13.55	2256060	25.0
Naphthalene, 1,2,...	15.43	5.7	ug/L	509829	3	13.55	2256060	25.0
Benzeneacetaldehy...	15.47	34.7	ug/L	3135130	3	13.55	2256060	25.0
(DEL) Alkane: Str...	15.55	103.4	ug/L	9334360	3	13.55	2256060	25.0
Benzene, 2-etheny...	15.72	33.5	ug/L	3022230	3	13.55	2256060	25.0
Benzene, 1,3-hexa...	15.96	43.5	ug/L	3927660	3	13.55	2256060	25.0
(DEL) Alkane: Str...	16.29	13.3	ug/L	1202310	3	13.55	2256060	25.0
(DEL) Alkane: Str...	16.49	50.9	ug/L	4596540	3	13.55	2256060	25.0