

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110220\
 Data File : VW017047.D
 Acq On : 02 Nov 2020 14:58
 Operator : SY/VA
 Sample : L4543-12
 Misc : 5.49G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG470

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\SOM2WLM102220S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	37	42	44	rBV3	1285	2160	0.14%	0.016%
2	2.361	68	75	87	rVB	119956	227394	14.25%	1.657%
3	2.897	154	163	181	rBV	84368	211698	13.26%	1.542%
4	3.221	212	216	217	rVB3	466	468	0.03%	0.003%
5	3.397	242	245	248	rBV2	659	927	0.06%	0.007%
6	3.568	270	273	277	rVV3	321	517	0.03%	0.004%
7	3.617	279	281	284	rVB2	500	516	0.03%	0.004%
8	3.653	284	287	289	rBV2	330	426	0.03%	0.003%
9	4.025	335	348	361	rBV	209464	615998	38.60%	4.488%
10	4.202	376	377	382	rVB2	493	474	0.03%	0.003%
11	4.397	400	409	416	rBV4	1070	3507	0.22%	0.026%
12	4.921	484	495	514	rBV2	27258	89410	5.60%	0.651%
13	5.129	523	529	530	rBV3	530	754	0.05%	0.005%
14	5.946	655	663	673	rVV4	2834	7841	0.49%	0.057%
15	6.866	811	814	817	rBV3	268	458	0.03%	0.003%
16	6.891	817	818	822	rVB2	479	457	0.03%	0.003%
17	7.086	841	850	854	rBV	30065	78193	4.90%	0.570%
18	7.653	932	943	954	rVV	280566	671851	42.10%	4.895%
19	7.750	957	959	962	rVB3	508	545	0.03%	0.004%
20	7.787	962	965	966	rBV3	464	517	0.03%	0.004%
21	7.951	988	992	1000	rVB3	1114	1883	0.12%	0.014%
22	8.037	1000	1006	1013	rBV7	2012	4823	0.30%	0.035%
23	8.281	1033	1046	1064	rBV2	557792	1595937	100.00%	11.627%
24	8.482	1072	1079	1085	rVB6	2138	5690	0.36%	0.041%
25	8.622	1097	1102	1103	rBV4	756	983	0.06%	0.007%
26	8.683	1108	1112	1113	rBV2	604	726	0.05%	0.005%
27	8.848	1130	1139	1150	rBV	627042	1221034	76.51%	8.896%
28	8.939	1153	1154	1158	rVB3	709	632	0.04%	0.005%
29	9.024	1166	1168	1173	rBV4	278	520	0.03%	0.004%
30	9.079	1173	1177	1183	rVB6	2096	3737	0.23%	0.027%
31	9.146	1186	1188	1194	rVB3	360	477	0.03%	0.003%
32	9.213	1194	1199	1200	rBV3	351	459	0.03%	0.003%
33	9.274	1200	1209	1219	rBV	333689	688498	43.14%	5.016%
34	9.390	1226	1228	1233	rVB4	1338	1487	0.09%	0.011%

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 Title : VOC Analysis

35	9.439	1233	1236	1238	rBV2	391	442	0.03%	0.003%
36	9.665	1269	1273	1279	rVB5	1022	1892	0.12%	0.014%
37	9.762	1282	1289	1294	rBV3	5238	12163	0.76%	0.089%
38	9.896	1305	1311	1317	rVB3	9959	19391	1.22%	0.141%
39	10.036	1326	1334	1347	rVV	177686	326548	20.46%	2.379%
40	10.213	1359	1363	1368	rBV4	2520	5499	0.34%	0.040%
41	10.329	1374	1382	1391	rBV	820344	1456658	91.27%	10.613%
42	10.579	1417	1423	1432	rVB	105954	188340	11.80%	1.372%
43	10.707	1438	1444	1449	rBV	13574	21700	1.36%	0.158%
44	10.786	1451	1457	1458	rBV4	1967	3627	0.23%	0.026%
45	10.866	1466	1470	1474	rVB5	4687	7809	0.49%	0.057%
46	10.927	1474	1480	1498	rVB	119862	208805	13.08%	1.521%
47	11.067	1498	1503	1509	rBV	8630	14995	0.94%	0.109%
48	11.445	1559	1565	1574	rVB2	7587	13097	0.82%	0.095%
49	11.524	1574	1578	1579	rBV4	554	686	0.04%	0.005%
50	11.634	1588	1596	1610	rBV	826249	1388063	86.97%	10.113%
51	11.878	1634	1636	1641	rVB3	1063	1361	0.09%	0.010%
52	11.987	1652	1654	1657	rVB2	394	492	0.03%	0.004%
53	12.146	1677	1680	1681	rBV3	705	609	0.04%	0.004%
54	12.347	1707	1713	1714	rBV4	1946	2835	0.18%	0.021%
55	12.475	1730	1734	1737	rVB2	993	1150	0.07%	0.008%
56	12.609	1746	1756	1762	rBV	26976	45888	2.88%	0.334%
57	12.694	1763	1770	1777	rBV	232980	380824	23.86%	2.775%
58	12.755	1777	1780	1782	rBV4	776	1106	0.07%	0.008%
59	12.780	1782	1784	1788	rVB3	1394	1802	0.11%	0.013%
60	12.871	1792	1799	1801	rBV4	1568	2861	0.18%	0.021%
61	12.932	1804	1809	1816	rVB3	10127	17644	1.11%	0.129%
62	13.042	1823	1827	1830	rBV3	824	1108	0.07%	0.008%
63	13.115	1832	1839	1844	rBV5	1995	5005	0.31%	0.036%
64	13.194	1844	1852	1857	rBV8	2540	7895	0.49%	0.058%
65	13.249	1858	1861	1865	rVB3	2424	3571	0.22%	0.026%
66	13.298	1865	1869	1875	rVB3	6522	11112	0.70%	0.081%
67	13.408	1879	1887	1890	rBV7	3737	9762	0.61%	0.071%
68	13.560	1905	1912	1926	rBV	786442	1273963	79.83%	9.282%
69	13.682	1930	1932	1934	rBV3	1587	1744	0.11%	0.013%
70	13.725	1935	1939	1940	rBV4	3265	4268	0.27%	0.031%
71	13.755	1940	1944	1946	rVV2	8617	10781	0.68%	0.079%

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72	13.792	1947	1950	1954	rVB2	13239	17303	1.08%	0.126%
73	13.853	1954	1960	1971	rVB	643860	1109041	69.49%	8.080%
74	13.950	1972	1976	1982	rVB2	8861	14959	0.94%	0.109%
75	14.017	1982	1987	1988	rBV	8995	13624	0.85%	0.099%
76	14.072	1993	1996	1998	rBV2	10960	14670	0.92%	0.107%
77	14.206	2012	2018	2023	rBV3	27563	45927	2.88%	0.335%
78	14.267	2023	2028	2029	rBV3	5790	10168	0.64%	0.074%
79	14.334	2034	2039	2044	rBV5	13364	27000	1.69%	0.197%
80	14.383	2044	2047	2051	rBV4	15884	24916	1.56%	0.182%
81	14.456	2056	2059	2063	rVB	19032	25707	1.61%	0.187%
82	14.499	2063	2066	2070	rBV	20563	28648	1.80%	0.209%
83	14.542	2070	2073	2080	rVB4	21927	37184	2.33%	0.271%
84	14.609	2080	2084	2085	rBV3	8160	10818	0.68%	0.079%
85	14.694	2094	2098	2100	rBV2	21146	38307	2.40%	0.279%
86	14.810	2109	2117	2122	rBV5	62635	170105	10.66%	1.239%
87	14.859	2122	2125	2130	rVB2	18995	31923	2.00%	0.233%
88	14.962	2137	2142	2148	rBV2	33834	56266	3.53%	0.410%
89	15.066	2155	2159	2163	rBV3	32040	53399	3.35%	0.389%
90	15.188	2172	2179	2186	rVB4	46614	109620	6.87%	0.799%
91	15.328	2198	2202	2206	rBV5	16160	32935	2.06%	0.240%
92	15.426	2212	2218	2222	rBV2	56886	113975	7.14%	0.830%
93	15.474	2223	2226	2228	rBV2	20164	29526	1.85%	0.215%
94	15.657	2249	2256	2263	rBV3	42152	103405	6.48%	0.753%
95	15.865	2286	2290	2299	rVB2	113578	214369	13.43%	1.562%
96	15.950	2301	2304	2310	rVV5	13295	21939	1.37%	0.160%
97	16.182	2335	2342	2357	rVB2	68824	162943	10.21%	1.187%
98	16.377	2368	2374	2380	rVB2	85900	175996	11.03%	1.282%
99	16.444	2380	2385	2390	rBV3	25784	56112	3.52%	0.409%
100	16.651	2411	2419	2424	rBV7	26303	78384	4.91%	0.571%

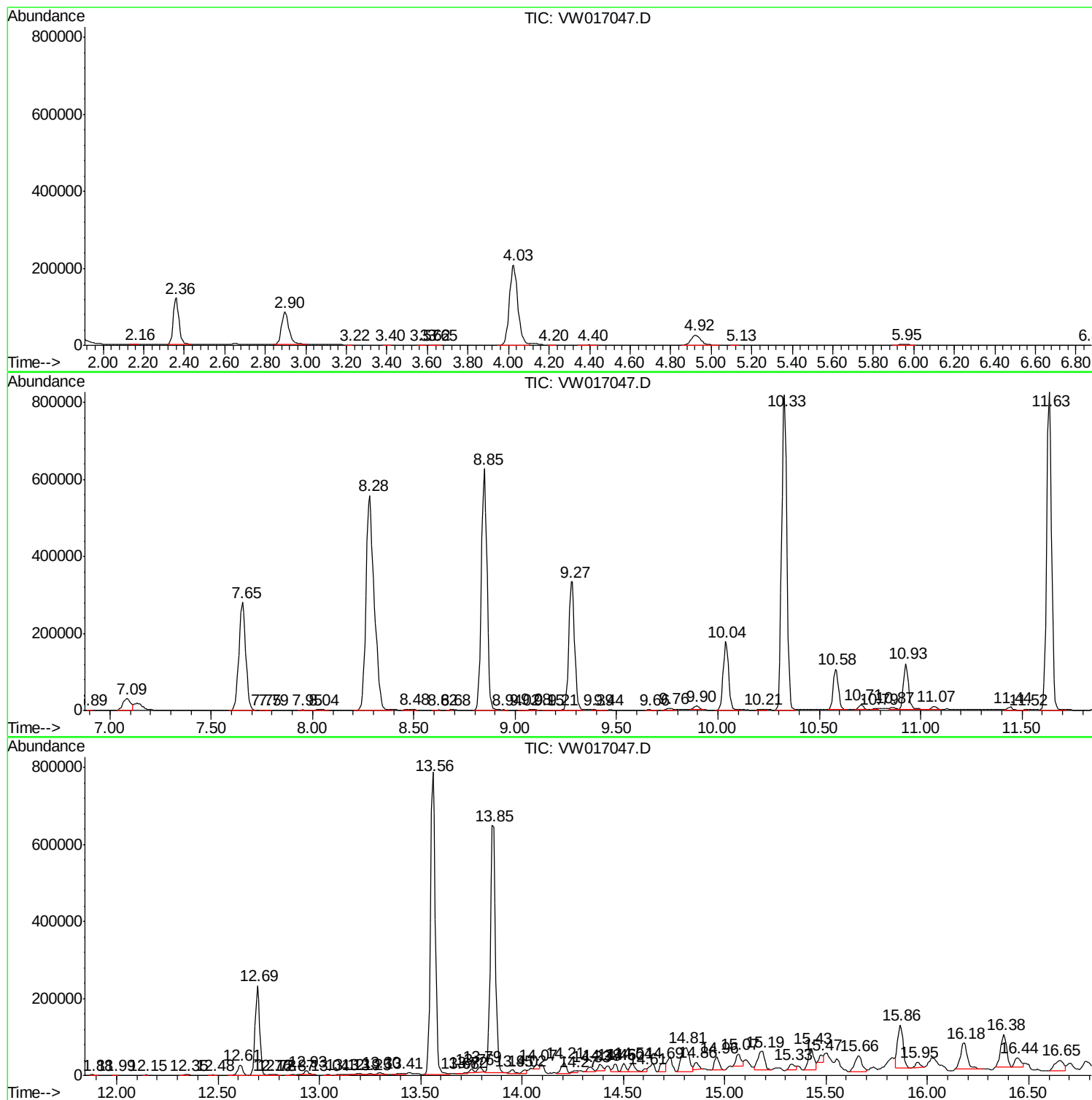
Sum of corrected areas: 13725662

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis

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



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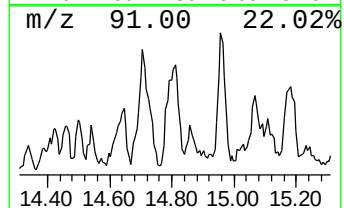
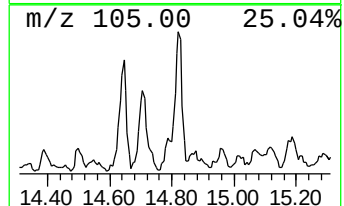
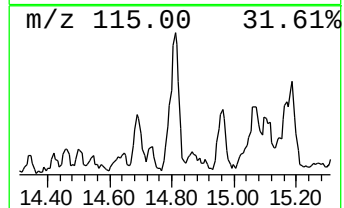
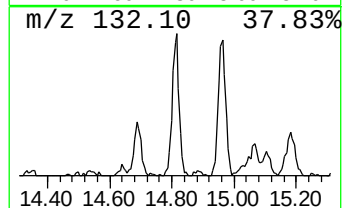
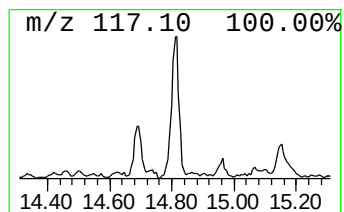
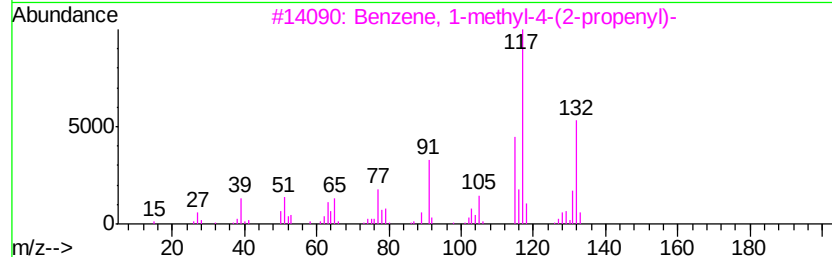
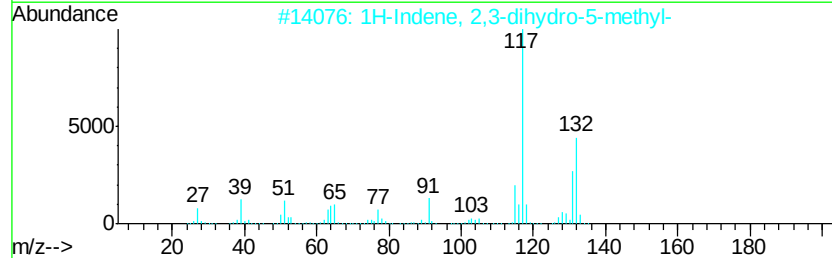
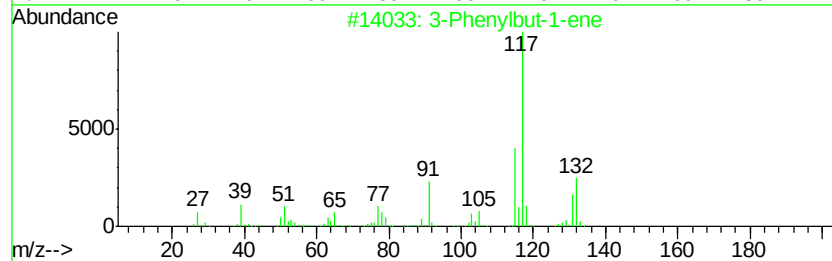
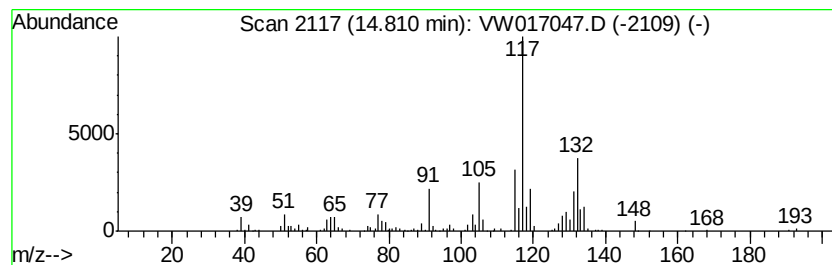
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis

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

Peak Number 2 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	3.34 ug/L	170105	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		3-Phenylbut-1-ene	132 C10H12	000934-10-1 76
2		1H-Indene, 2,3-dihydro-5-methyl-	132 C10H12	000874-35-1 76
3		Benzene, 1-methyl-4-(2-propenyl)-	132 C10H12	003333-13-9 76
4		Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000768-00-3 74
5		Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000767-99-7 72



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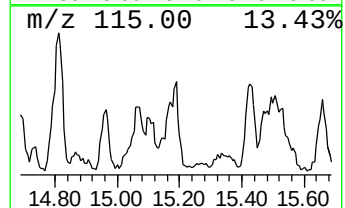
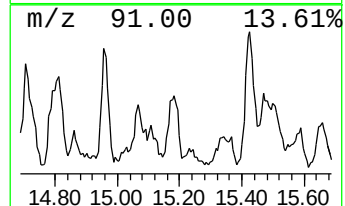
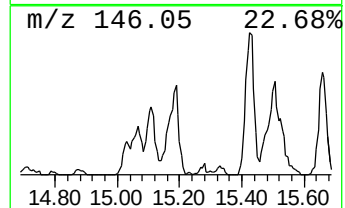
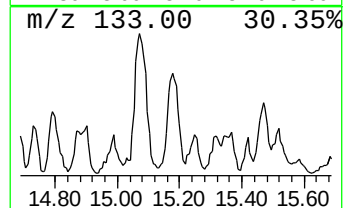
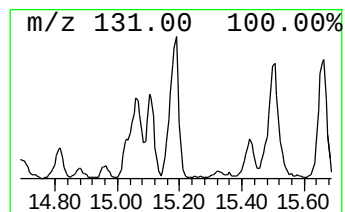
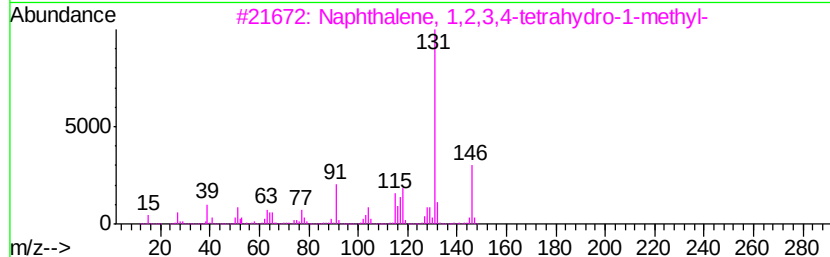
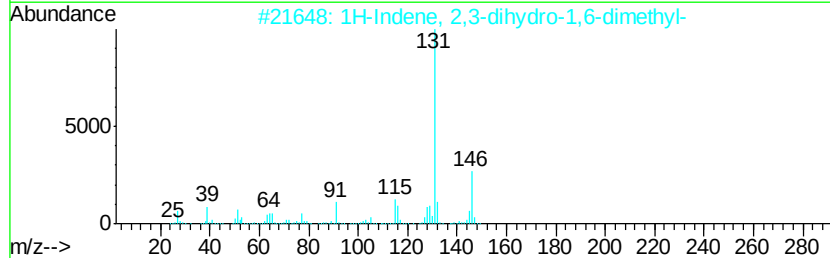
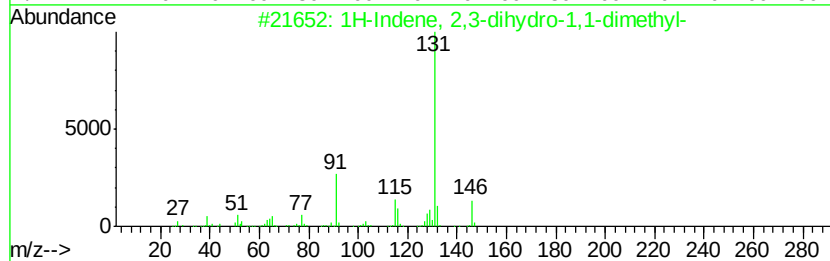
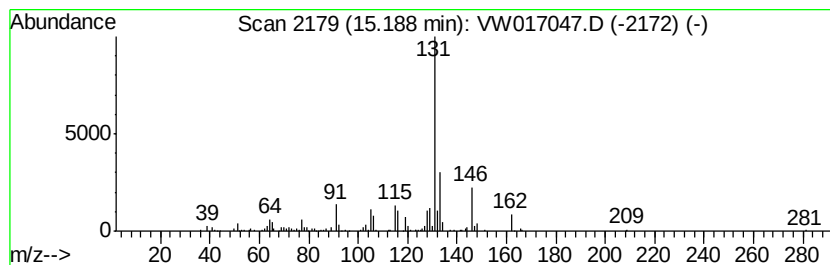
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	2.15 ug/L	109620	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146 C11H14	004912-92-9	93
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146 C11H14	017059-48-2	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001559-81-5	81
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146 C11H14	004175-53-5	81
5	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001559-81-5	81



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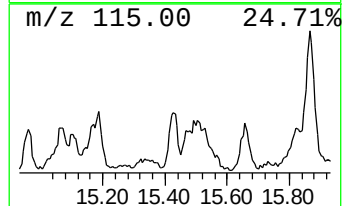
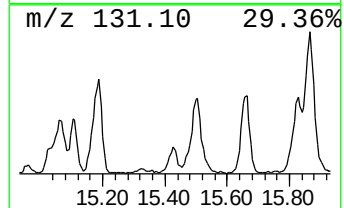
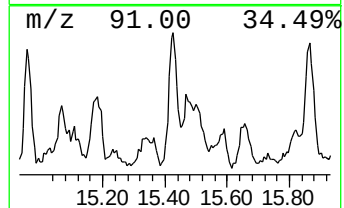
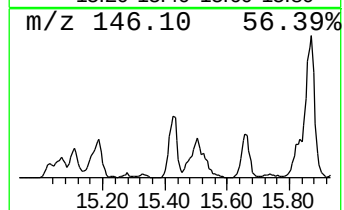
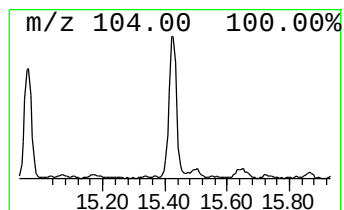
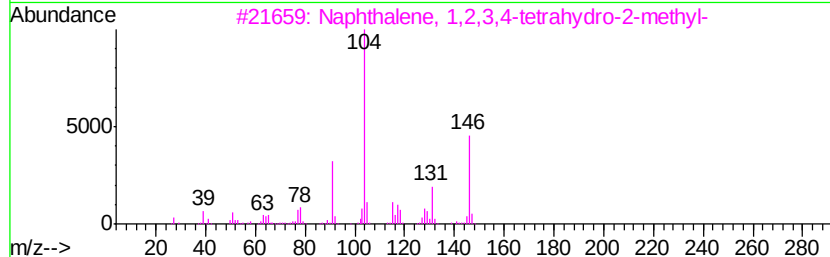
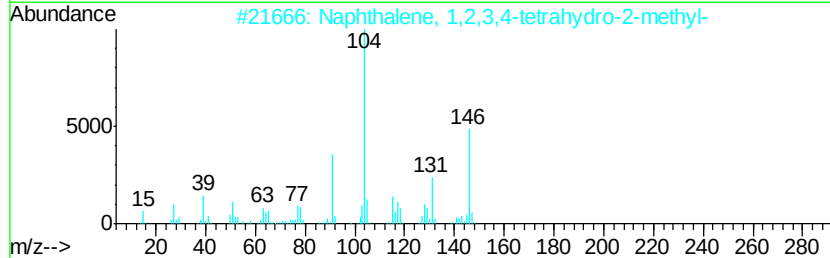
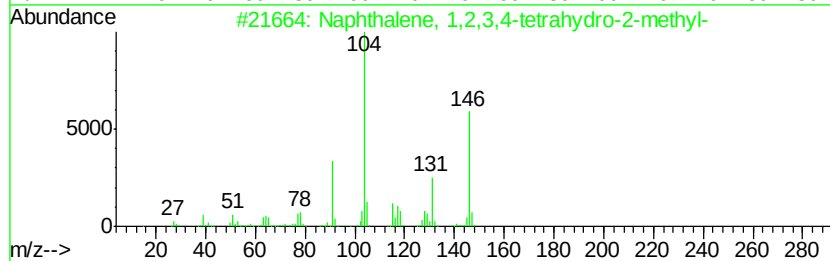
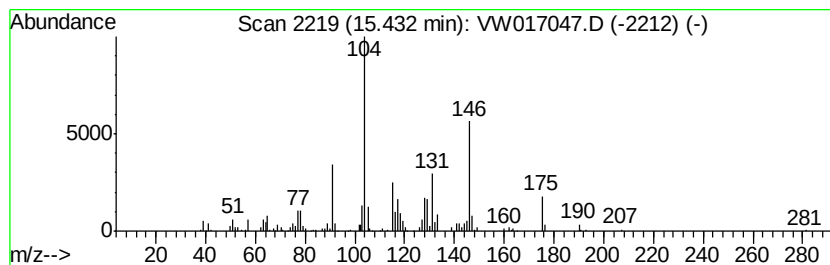
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,2,3,4-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	2.24 ug/L	113975	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	76
5		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110220\
Data File : VW017047.D
Acq On : 02 Nov 2020 14:58
Operator : SY/VA
Sample : L4543-12
Misc : 5.49G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG470

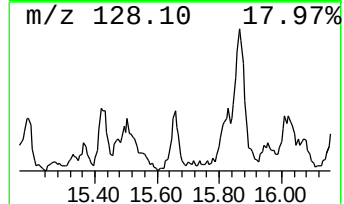
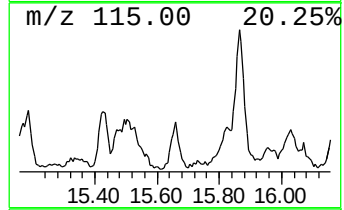
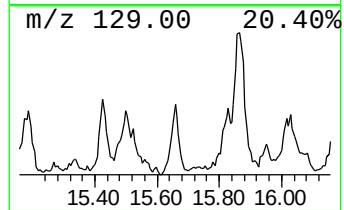
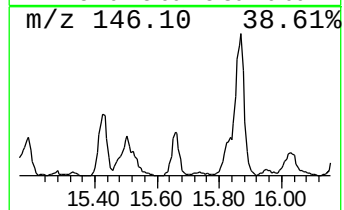
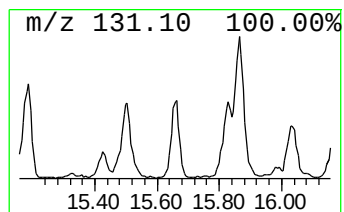
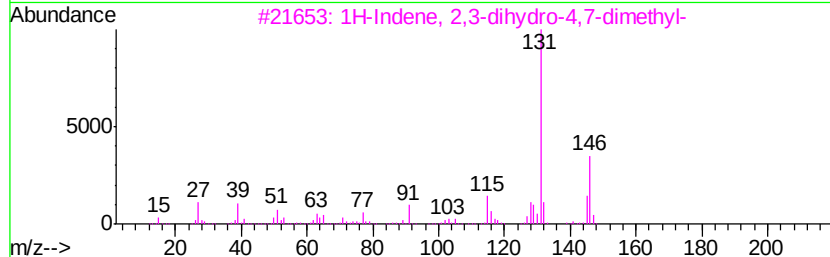
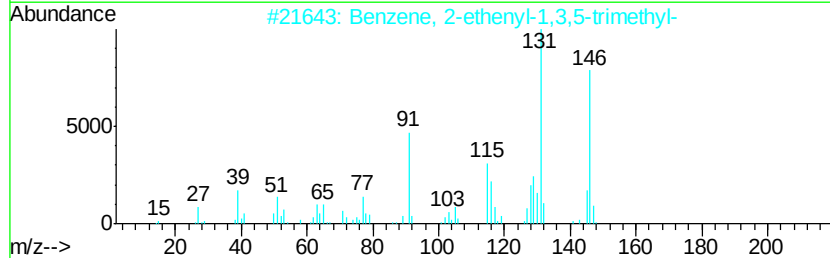
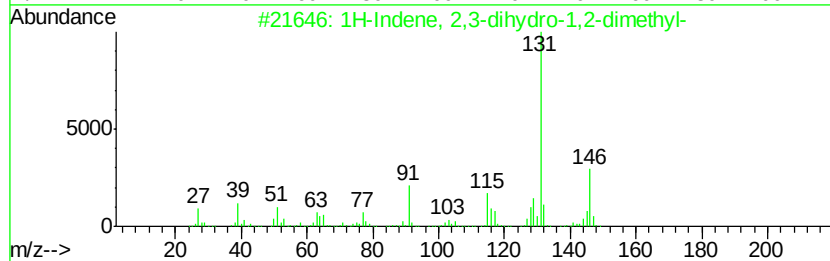
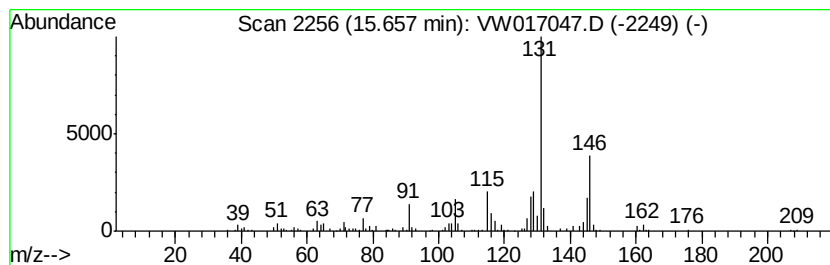
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Quant Title : VOC Analysis

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

Peak Number 5 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.03 ug/L	103405	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
2		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	90
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110220\
Data File : VW017047.D
Acq On : 02 Nov 2020 14:58
Operator : SY/VA
Sample : L4543-12
Misc : 5.49G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

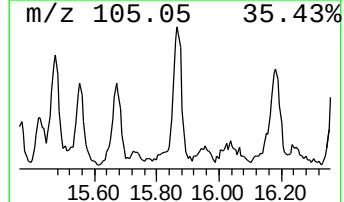
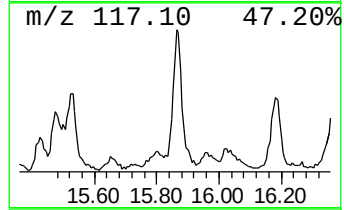
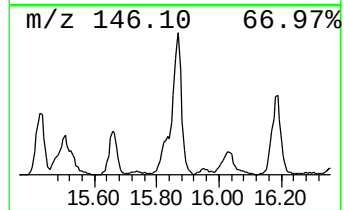
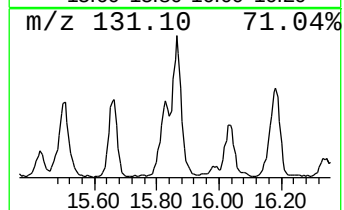
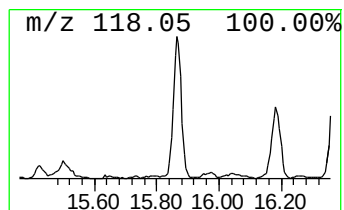
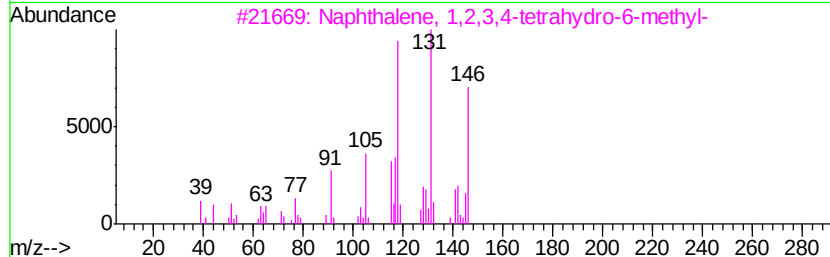
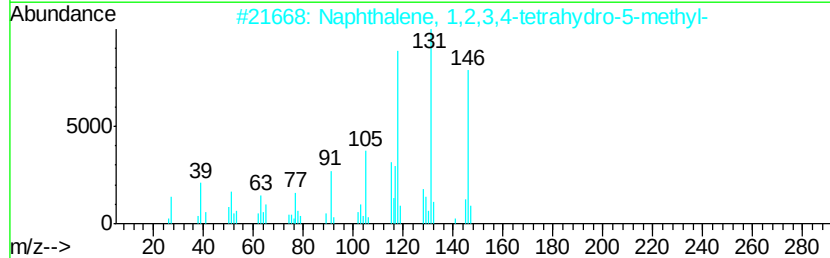
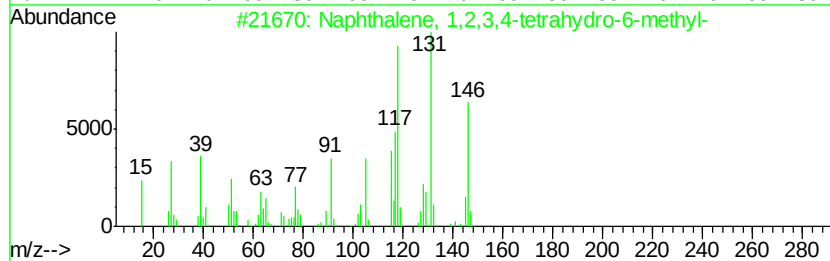
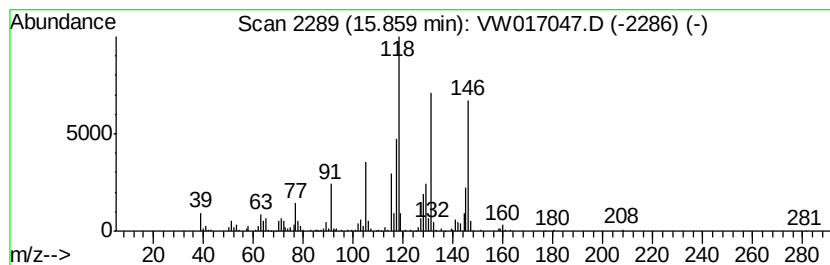
Instrument :
MSVOA_W
ClientSampleId :
BG470

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	4.21 ug/L	214369	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5	83
3	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9	80
4	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9	72
5	Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110220\
Data File : VW017047.D
Acq On : 02 Nov 2020 14:58
Operator : SY/VA
Sample : L4543-12
Misc : 5.49G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG470

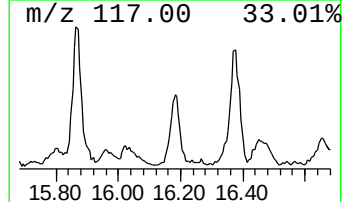
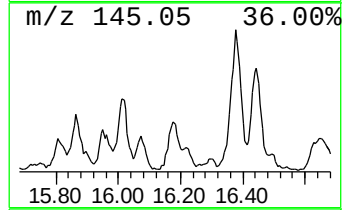
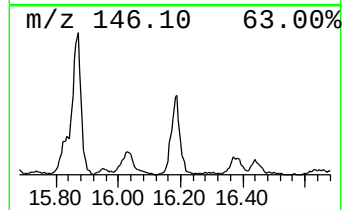
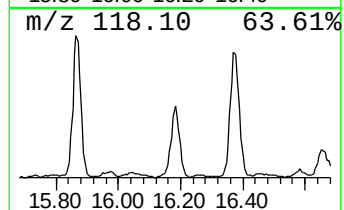
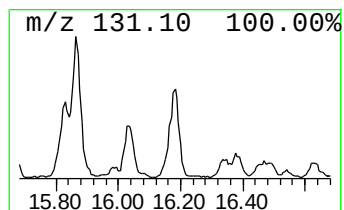
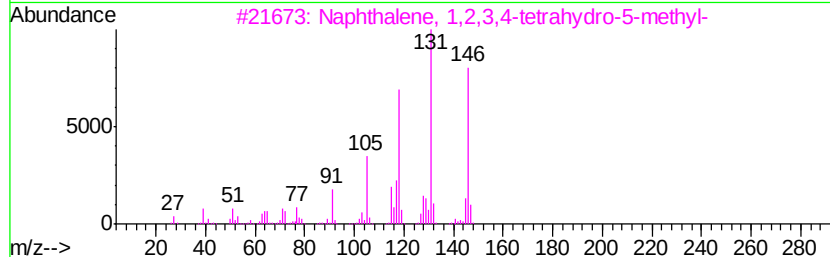
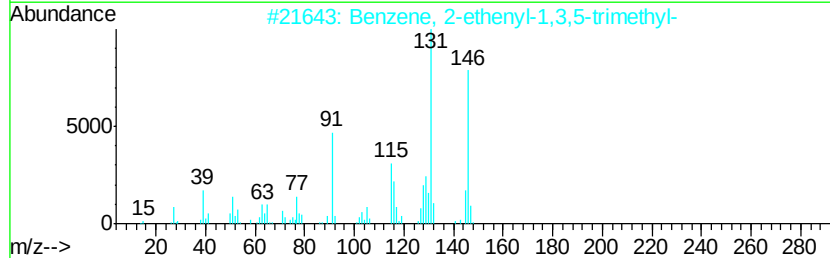
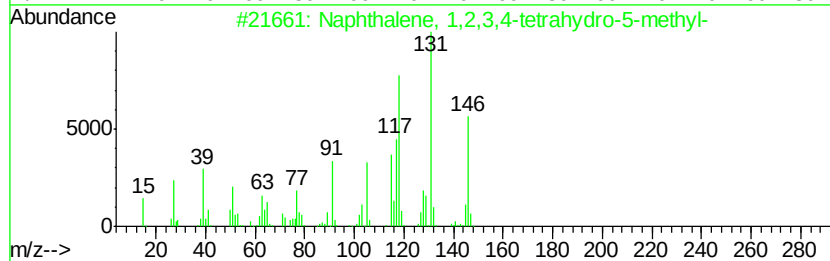
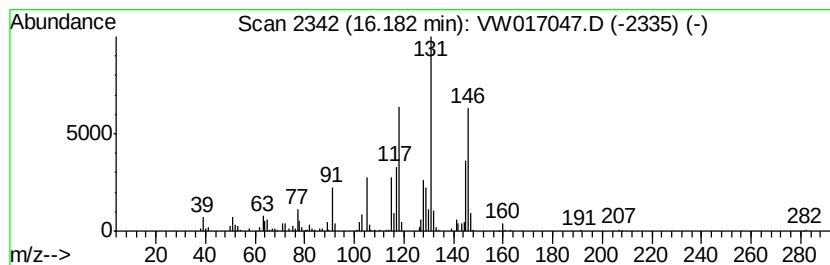
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Quant Title : VOC Analysis

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	3.20 ug/L	162943	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
2		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	86
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
4		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	72
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110220\
Data File : VW017047.D
Acq On : 02 Nov 2020 14:58
Operator : SY/VA
Sample : L4543-12
Misc : 5.49G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG470

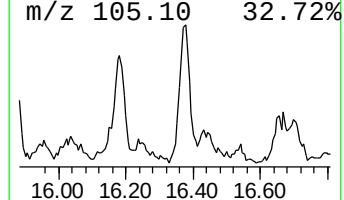
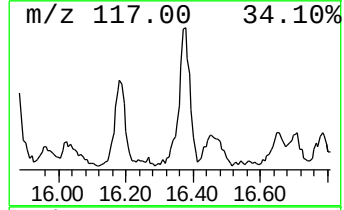
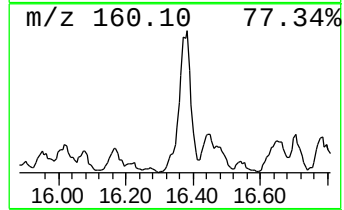
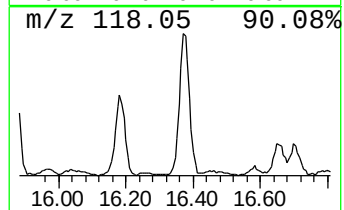
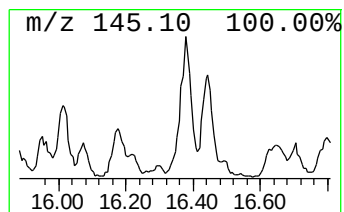
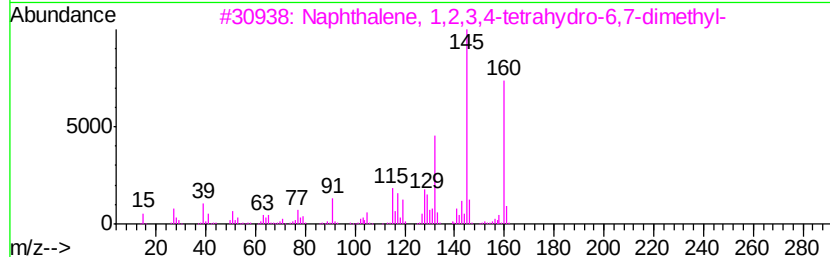
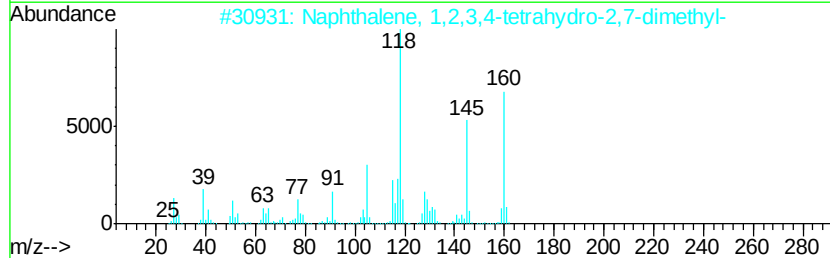
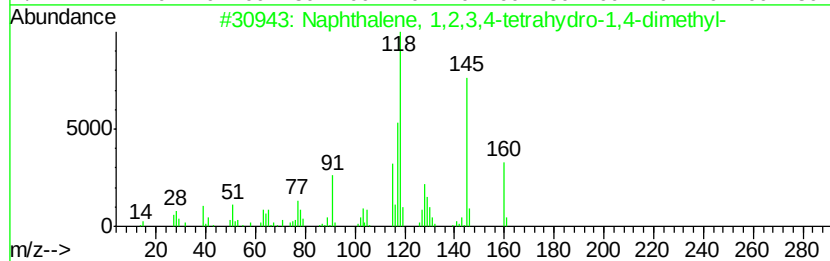
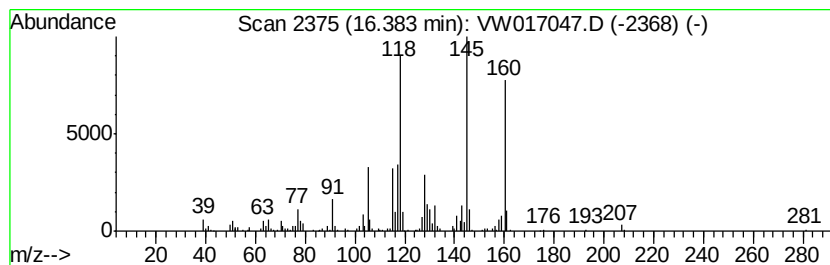
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Quant Title : VOC Analysis

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	3.45 ug/L	175996	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	76
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	70
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	64
5		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110220\
Data File : VW017047.D
Acq On : 02 Nov 2020 14:58
Operator : SY/VA
Sample : L4543-12
Misc : 5.49G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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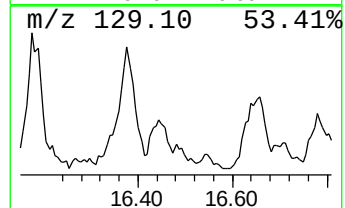
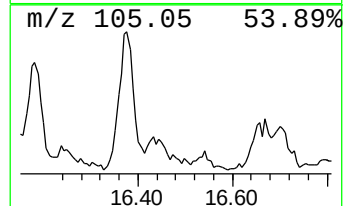
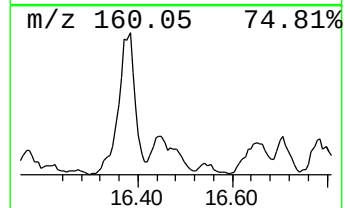
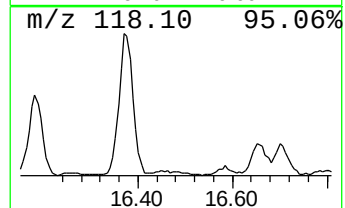
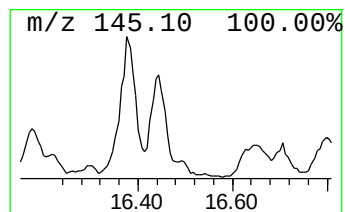
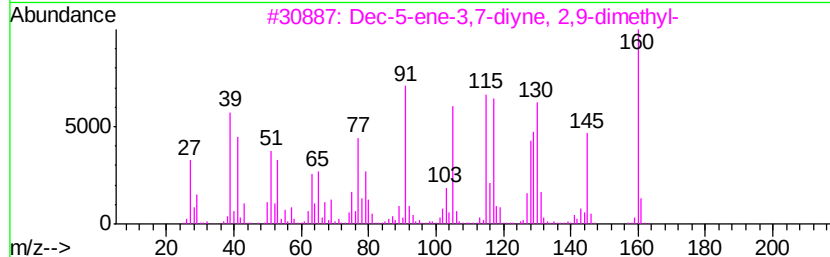
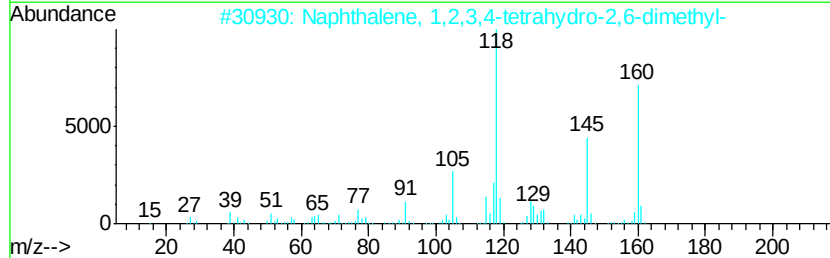
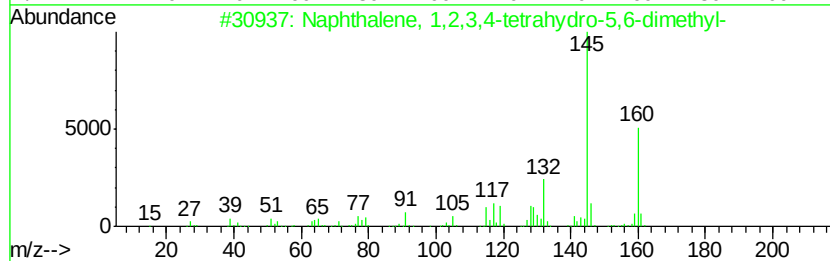
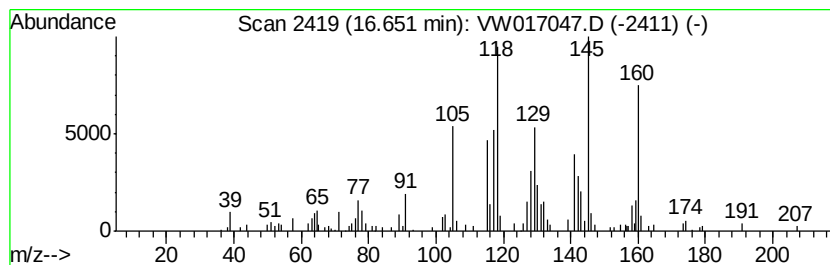
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Quant Title : VOC Analysis

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

Peak Number 9 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	1.54 ug/L	78384	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	45
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	43
3		Dec-5-ene-3,7-diyne, 2,9-dimethyl-	160	C12H16	1000211-23-3	38
4		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	38
5		1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110220\
Data File : VW017047.D
Acq On : 02 Nov 2020 14:58
Operator : SY/VA
Sample : L4543-12
Misc : 5.49G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG470

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.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
1H-Indene, 2,3-di...	14.81	3.3	ug/L	170105	3	13.56	1273960	25.0
1H-Indene, 2,3-di...	15.19	2.1	ug/L	109620	3	13.56	1273960	25.0
Naphthalene, 1,2,...	15.43	2.2	ug/L	113975	3	13.56	1273960	25.0
1H-Indene, 2,3-di...	15.66	2.0	ug/L	103405	3	13.56	1273960	25.0
Naphthalene, 1,2,...	15.86	4.2	ug/L	214369	3	13.56	1273960	25.0
Naphthalene, 1,2,...	16.18	3.2	ug/L	162943	3	13.56	1273960	25.0
Naphthalene, 1,2,...	16.38	3.5	ug/L	175996	3	13.56	1273960	25.0
unknown-01	16.65	1.5	ug/L	78384	3	13.56	1273960	25.0