

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018583.D
 Acq On : 07 Apr 2021 16:06
 Operator : SY/VA
 Sample : M1881-11
 Misc : 4.61G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQG8

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M

Title : VOC Analysis

Signal : TIC: VW018583.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.203	43	49	50	rVV6	3182	5127	0.35%	0.040%
2	2.355	66	74	88	rVV	128649	268617	18.26%	2.089%
3	2.459	88	91	93	rBV3	1907	2702	0.18%	0.021%
4	2.501	93	98	102	rBV	6787	12431	0.85%	0.097%
5	2.891	154	162	175	rVB	90469	224231	15.25%	1.744%
6	3.032	181	185	187	rBV4	3601	5644	0.38%	0.044%
7	3.391	237	244	253	rVB7	2917	7473	0.51%	0.058%
8	3.593	268	277	283	rBV5	2788	8869	0.60%	0.069%
9	3.861	315	321	324	rBV4	1506	3074	0.21%	0.024%
10	4.019	335	347	360	rBV2	157634	490060	33.32%	3.811%
11	4.129	360	365	372	rVV2	6959	21848	1.49%	0.170%
12	4.208	372	378	390	rVB2	11260	31265	2.13%	0.243%
13	4.391	398	408	414	rBV4	3278	11365	0.77%	0.088%
14	4.916	482	494	495	rBV3	12001	21850	1.49%	0.170%
15	5.434	575	579	588	rVB6	3472	8626	0.59%	0.067%
16	5.946	655	663	673	rVB5	5501	16328	1.11%	0.127%
17	6.988	827	834	836	rBV3	992	2031	0.14%	0.016%
18	7.080	840	849	858	rBV	35491	106994	7.27%	0.832%
19	7.165	858	863	875	rVB4	14654	45076	3.06%	0.351%
20	7.647	931	942	954	rVV	249450	620055	42.16%	4.822%
21	7.952	989	992	998	rVB5	2260	3761	0.26%	0.029%
22	8.031	1000	1005	1016	rVB5	2301	6596	0.45%	0.051%
23	8.275	1033	1045	1063	rBV2	490562	1470800	100.00%	11.438%
24	8.397	1063	1065	1066	rVV2	1673	1746	0.12%	0.014%
25	8.421	1066	1069	1076	rVV9	2916	6816	0.46%	0.053%
26	8.512	1079	1084	1085	rBV3	1802	2346	0.16%	0.018%
27	8.561	1088	1092	1100	rVV6	1887	5295	0.36%	0.041%
28	8.701	1106	1115	1118	rBV5	2013	3332	0.23%	0.026%
29	8.842	1129	1138	1152	rBV	637810	1257782	85.52%	9.782%
30	8.933	1152	1153	1162	rVB3	1082	1575	0.11%	0.012%
31	9.092	1169	1179	1189	rVB4	10600	23735	1.61%	0.185%
32	9.274	1201	1209	1218	rBV	322314	669974	45.55%	5.210%
33	9.384	1226	1227	1233	rVB4	1758	1714	0.12%	0.013%
34	9.518	1248	1249	1254	rVB3	1600	1543	0.10%	0.012%
35	9.689	1272	1277	1281	rBV5	1708	3453	0.23%	0.027%
36	9.750	1282	1287	1292	rVB4	2902	5576	0.38%	0.043%

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 Title : VOC Analysis

37	9.817	1293	1298	1301	rVB5	1239	2011	0.14%	0.016%
38	9.939	1311	1318	1323	rBV8	1968	3065	0.21%	0.024%
39	10.037	1323	1334	1345	rBV	166444	306183	20.82%	2.381%
40	10.134	1345	1350	1356	rVB7	3325	7136	0.49%	0.055%
41	10.219	1360	1364	1367	rVB3	1144	1549	0.11%	0.012%
42	10.323	1372	1381	1388	rBV	686269	1220647	82.99%	9.493%
43	10.390	1388	1392	1399	rVB	11174	19905	1.35%	0.155%
44	10.506	1404	1411	1416	rVB5	2893	6761	0.46%	0.053%
45	10.579	1416	1423	1434	rBV2	103274	183219	12.46%	1.425%
46	10.664	1434	1437	1440	rBV5	1161	1799	0.12%	0.014%
47	10.707	1440	1444	1448	rVB2	4820	7195	0.49%	0.056%
48	10.762	1448	1453	1454	rBV5	1254	1757	0.12%	0.014%
49	10.860	1464	1469	1474	rBV4	7318	13630	0.93%	0.106%
50	10.927	1474	1480	1491	rBV	141481	247515	16.83%	1.925%
51	11.183	1518	1522	1524	rBV5	2513	3279	0.22%	0.026%
52	11.225	1527	1529	1535	rVB6	4181	5977	0.41%	0.046%
53	11.286	1535	1539	1542	rBV4	2283	3626	0.25%	0.028%
54	11.323	1543	1545	1547	rBV3	1517	1522	0.10%	0.012%
55	11.439	1559	1564	1571	rVB7	5412	11165	0.76%	0.087%
56	11.512	1571	1576	1577	rBV3	2061	2800	0.19%	0.022%
57	11.548	1577	1582	1586	rVB6	2156	3419	0.23%	0.027%
58	11.634	1586	1596	1604	rBV	786391	1367047	92.95%	10.632%
59	11.725	1609	1611	1615	rVB4	2136	2896	0.20%	0.023%
60	11.841	1623	1630	1633	rBV7	8867	20697	1.41%	0.161%
61	11.872	1633	1635	1640	rVB5	1094	1885	0.13%	0.015%
62	11.975	1646	1652	1654	rBV4	4438	7081	0.48%	0.055%
63	12.122	1670	1676	1682	rBV4	7779	18227	1.24%	0.142%
64	12.189	1685	1687	1690	rVB3	2795	2489	0.17%	0.019%
65	12.359	1706	1715	1721	rBV8	11713	33529	2.28%	0.261%
66	12.445	1721	1729	1735	rBV9	16146	41386	2.81%	0.322%
67	12.603	1752	1755	1762	rVB3	10529	20196	1.37%	0.157%
68	12.695	1762	1770	1776	rBV	252601	433842	29.50%	3.374%
69	12.780	1781	1784	1788	rVB6	4792	7263	0.49%	0.056%
70	12.859	1788	1797	1799	rBV4	27379	55840	3.80%	0.434%
71	12.951	1808	1812	1822	rVB9	23466	70882	4.82%	0.551%
72	13.079	1828	1833	1838	rVB5	14270	26633	1.81%	0.207%
73	13.158	1842	1846	1847	rBV3	2616	2972	0.20%	0.023%
74	13.207	1848	1854	1858	rVV6	15164	31953	2.17%	0.249%
75	13.323	1859	1873	1888	rVV2	62468	338559	23.02%	2.633%
76	13.469	1891	1897	1904	rVV8	44890	128802	8.76%	1.002%

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Title : VOC Analysis

77	13.554	1905	1911	1919	rVV	645997	1071237	72.83%	8.331%
78	13.621	1919	1922	1928	rVB8	4518	9403	0.64%	0.073%
79	13.694	1929	1934	1938	rVB6	6152	12532	0.85%	0.097%
80	13.743	1939	1942	1944	rBV4	2731	3624	0.25%	0.028%
81	13.853	1949	1960	1968	rBV	499484	904135	61.47%	7.032%
82	14.066	1992	1995	2002	rBV5	9822	21095	1.43%	0.164%
83	14.188	2008	2015	2019	rBV9	6914	16217	1.10%	0.126%
84	14.316	2024	2036	2043	rVV5	24732	93958	6.39%	0.731%
85	14.377	2043	2046	2050	rBV6	5899	9635	0.66%	0.075%
86	14.487	2061	2064	2067	rBV5	4481	6990	0.48%	0.054%
87	14.542	2068	2073	2082	rVB5	10518	28960	1.97%	0.225%
88	14.664	2089	2093	2095	rBV5	5294	8775	0.60%	0.068%
89	14.731	2102	2104	2109	rBV6	6332	11173	0.76%	0.087%
90	14.853	2121	2124	2128	rVB5	10170	13172	0.90%	0.102%
91	14.956	2130	2141	2152	rVB2	127802	424810	28.88%	3.304%
92	15.054	2153	2157	2160	rVV5	6231	9317	0.63%	0.072%
93	15.243	2183	2188	2195	rVB5	22543	46469	3.16%	0.361%
94	15.334	2198	2203	2210	rVV7	13964	33901	2.30%	0.264%
95	15.560	2236	2240	2245	rBV6	9225	19600	1.33%	0.152%
96	15.731	2264	2268	2276	rVB7	16693	36978	2.51%	0.288%
97	15.950	2301	2304	2307	rBV4	3821	6232	0.42%	0.048%
98	16.084	2323	2326	2329	rBV5	4969	7993	0.54%	0.062%
99	16.535	2397	2400	2401	rBV3	2295	2462	0.17%	0.019%
100	16.627	2410	2415	2416	rBV5	10530	13614	0.93%	0.106%

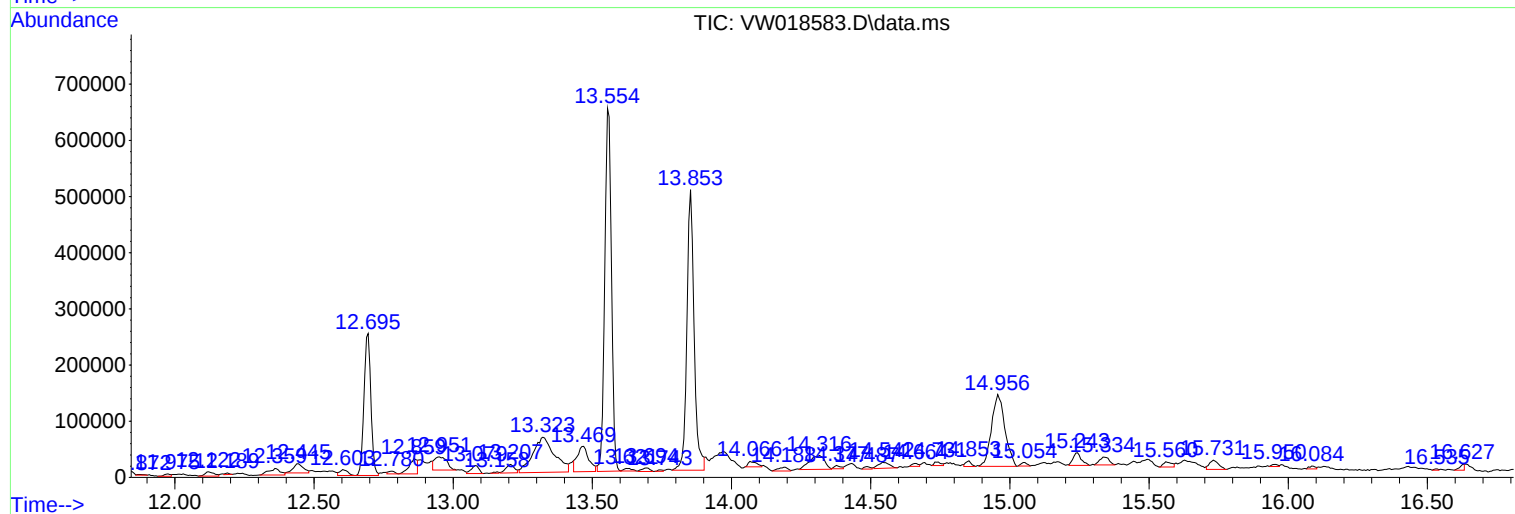
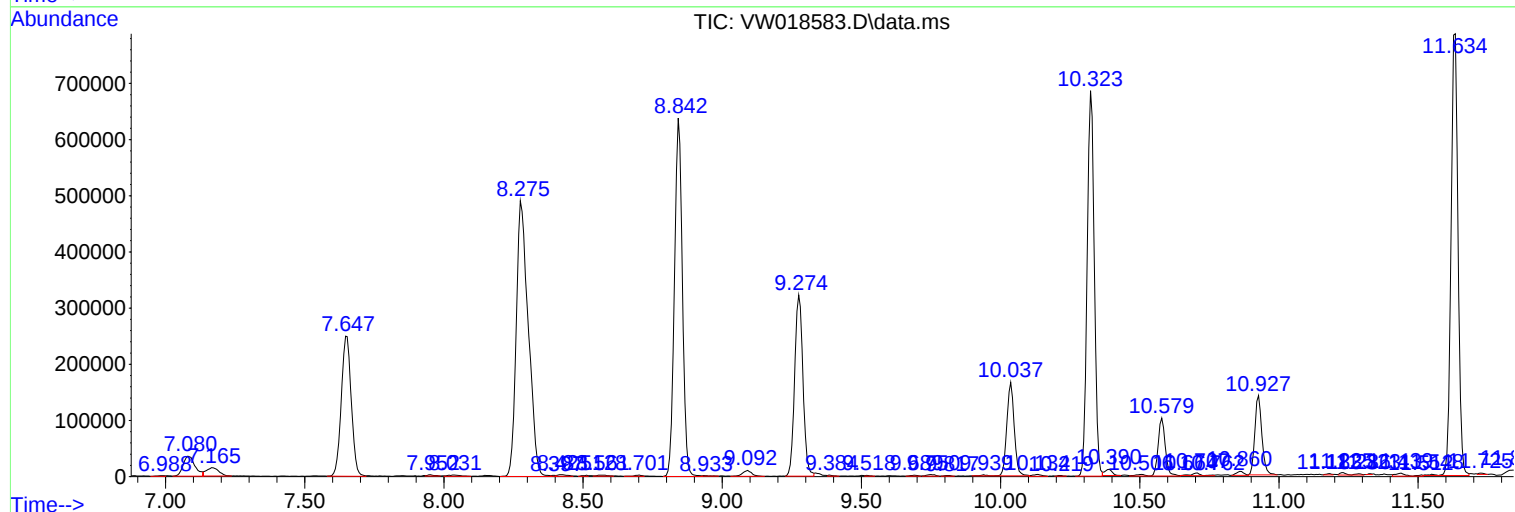
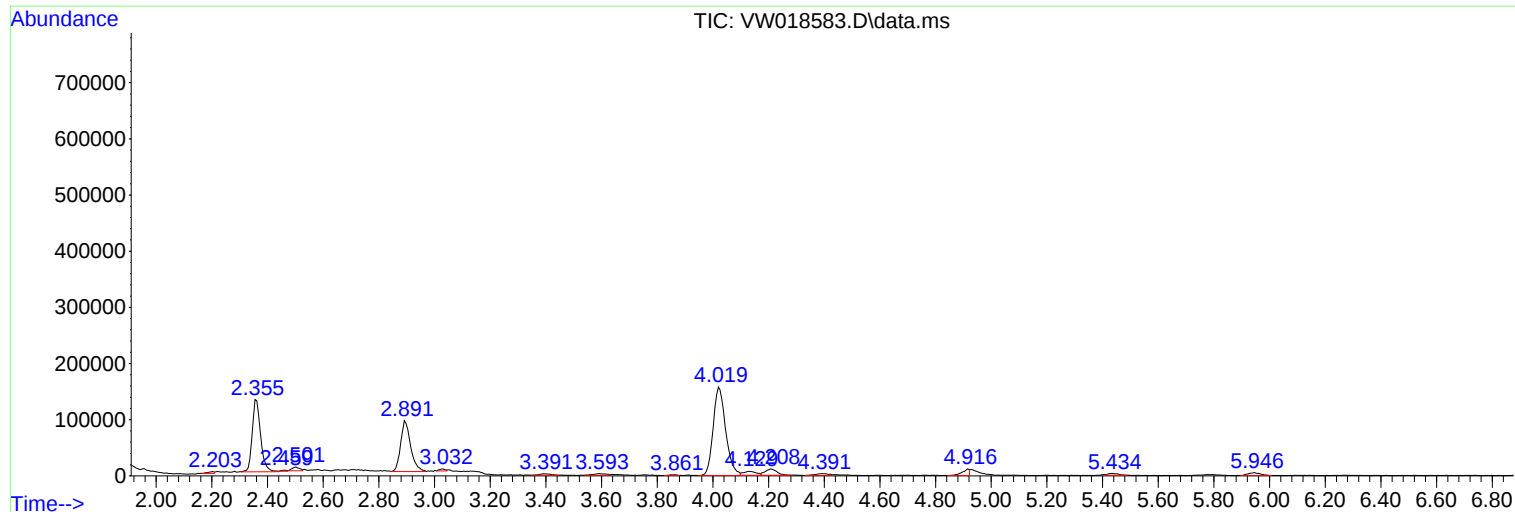
Sum of corrected areas: 12858331

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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



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Instrument :
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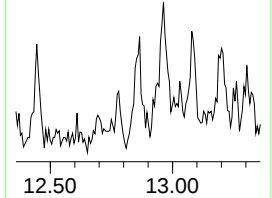
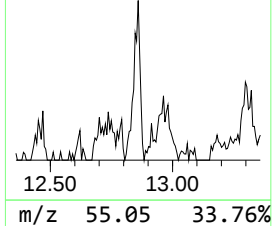
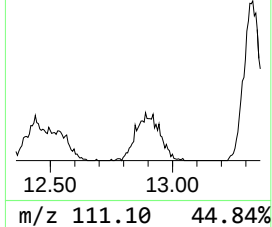
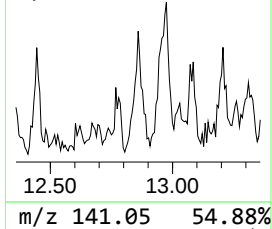
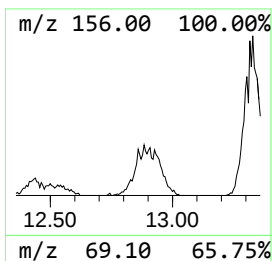
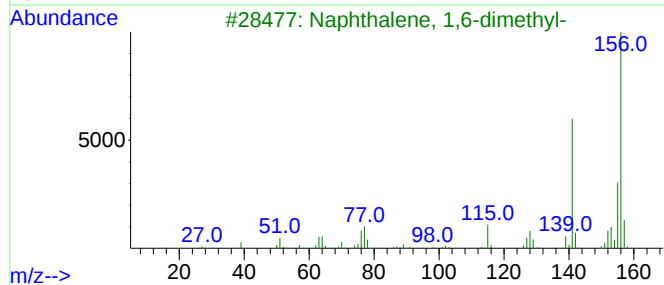
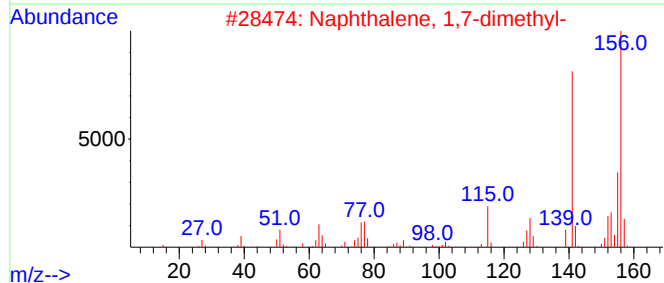
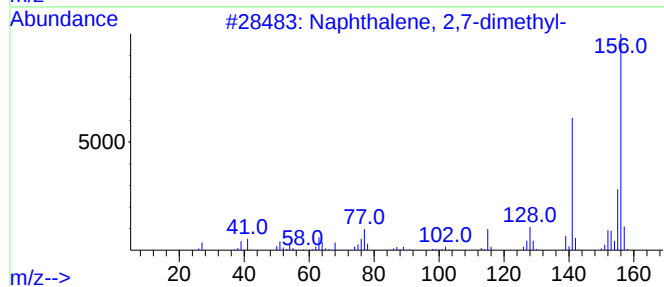
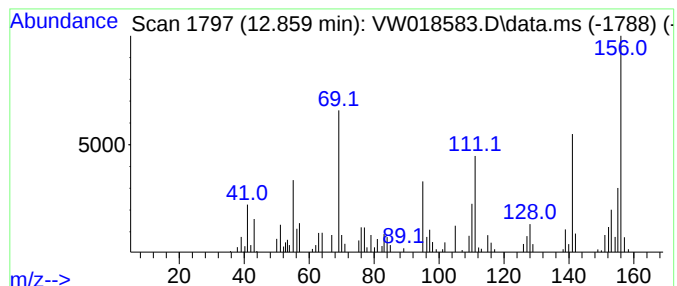
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	1.30 ug/L	55840	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	78
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	78
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	78
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	78



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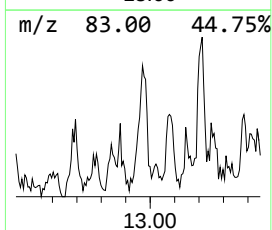
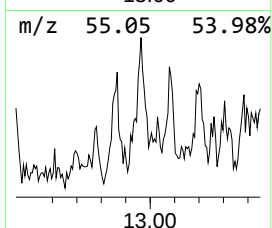
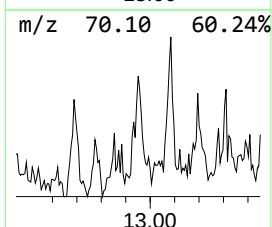
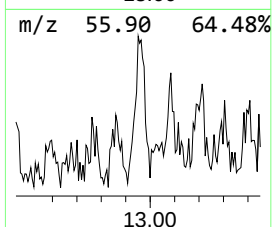
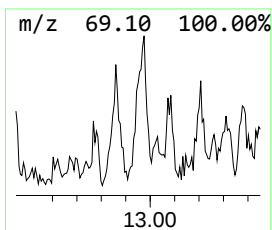
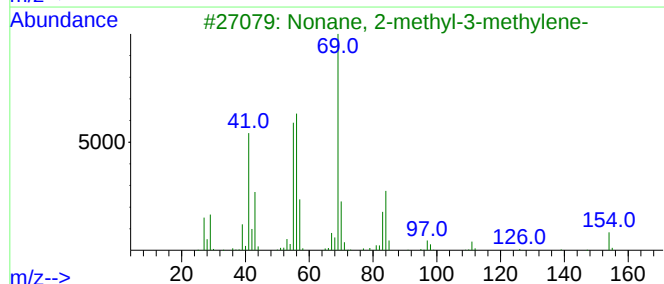
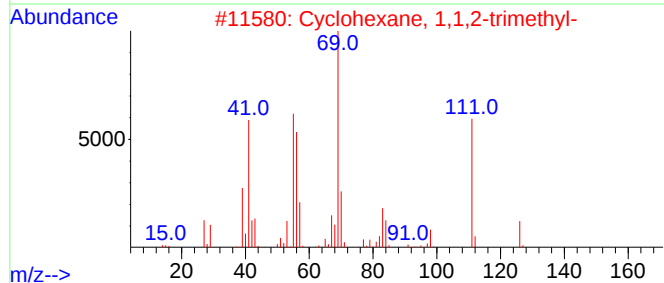
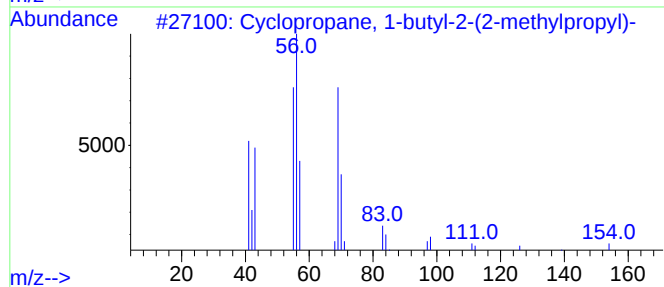
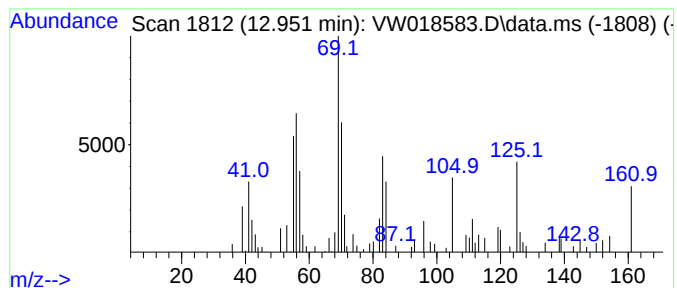
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic12.951 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.951	1.65 ug/L	70882	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1-butyl-2-(2-methy...	154	C11H22	041977-35-9	52
2			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	46
3			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	46
4			2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	38
5			Formic acid, 5-methylhex-2-yl ester	144	C8H16O2	1000368-88-7	27



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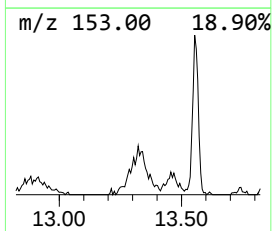
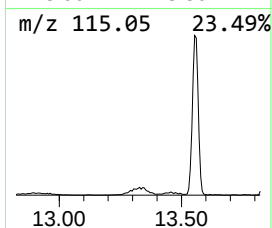
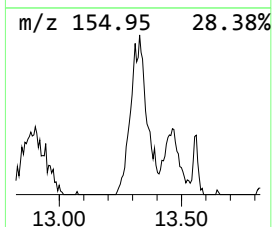
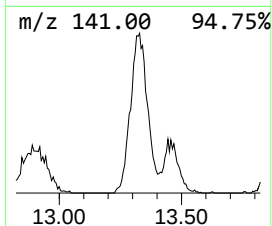
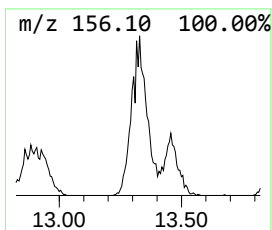
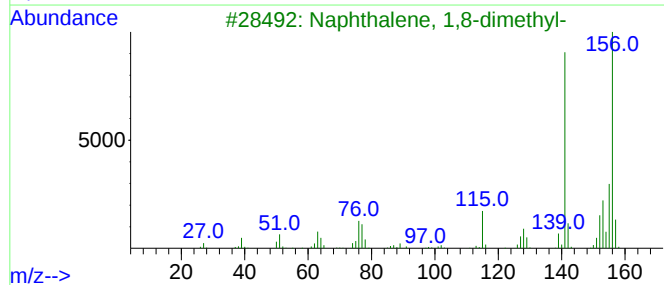
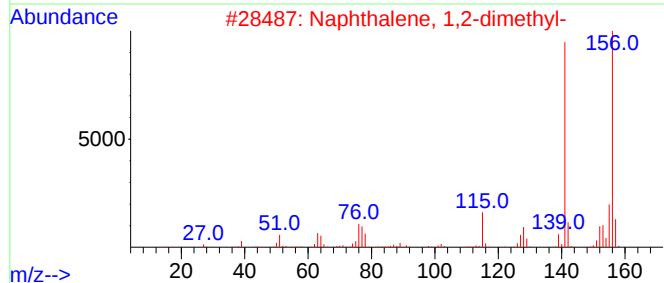
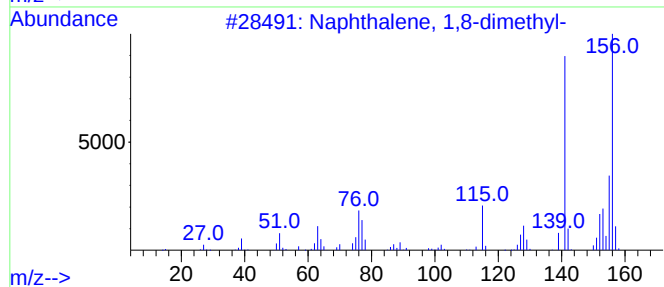
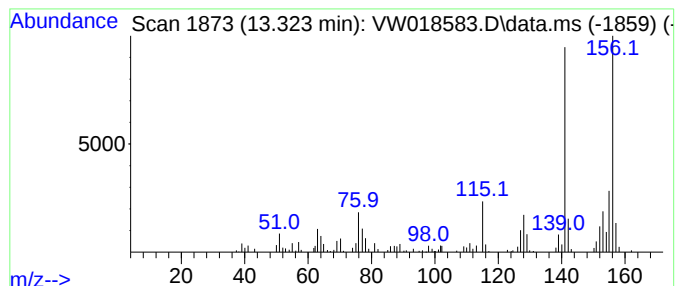
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Quant Title : VOC Analysis

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

Peak Number 4 Naphthalene, 1,8-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.323	7.90 ug/L	338559	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018583.D
Acq On : 07 Apr 2021 16:06
Operator : SY/VA
Sample : M1881-11
Misc : 4.61G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
ESQG8

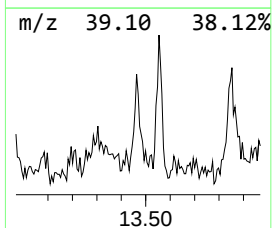
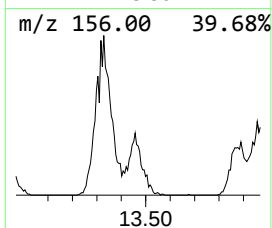
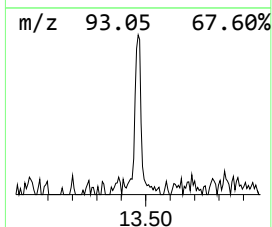
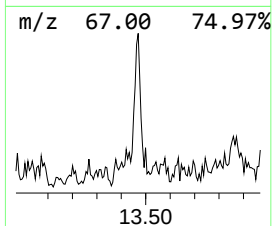
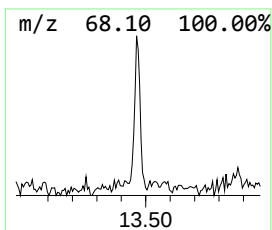
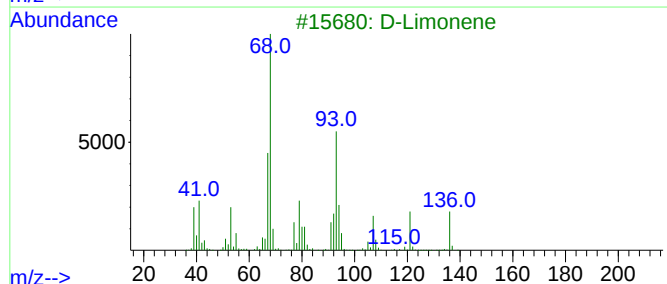
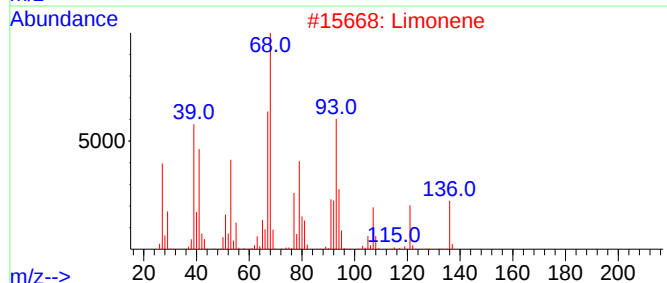
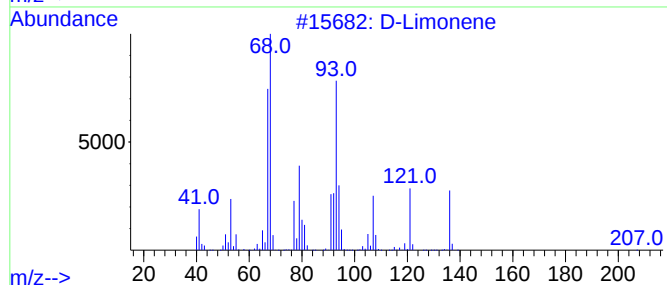
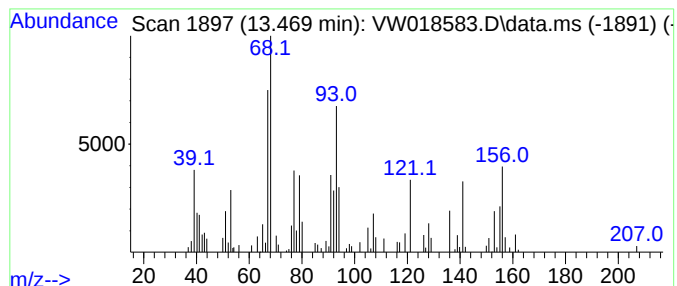
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Quant Title : VOC Analysis

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

Peak Number 5 D-Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	3.01 ug/L	128802	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	86
2			Limonene	136	C10H16	000138-86-3	70
3			D-Limonene	136	C10H16	005989-27-5	55
4			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	53
5			D-Limonene	136	C10H16	005989-27-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018583.D
Acq On : 07 Apr 2021 16:06
Operator : SY/VA
Sample : M1881-11
Misc : 4.61G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQG8

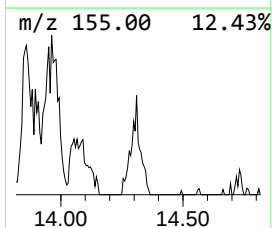
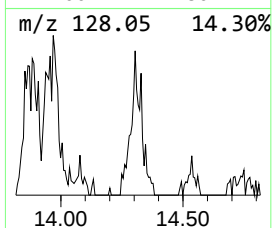
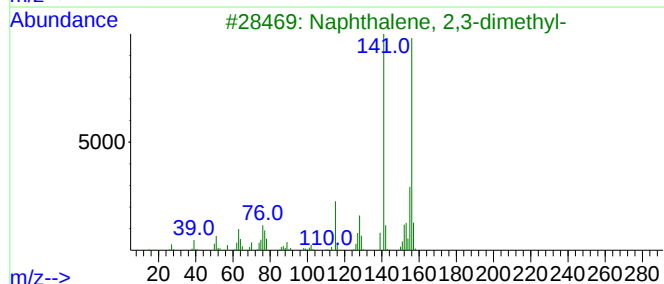
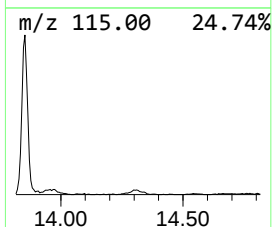
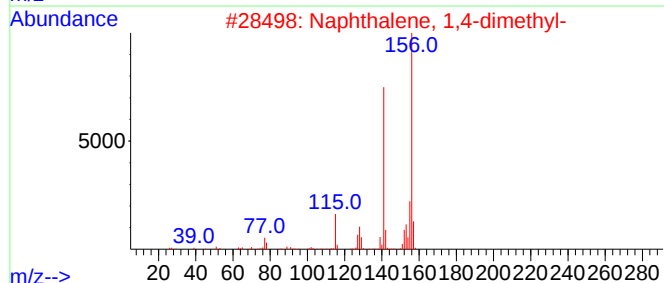
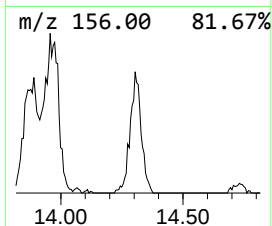
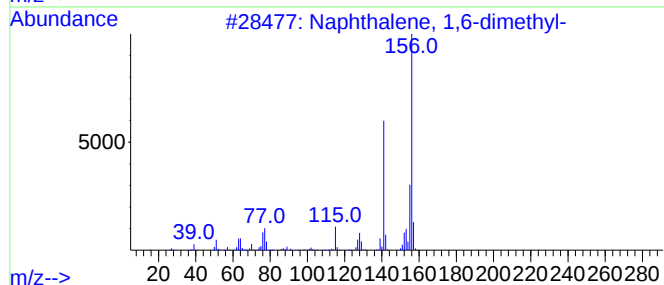
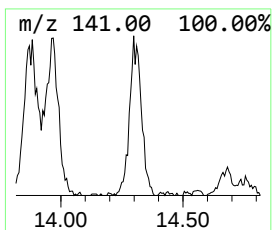
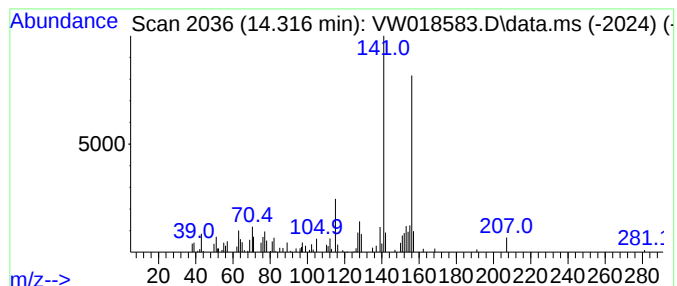
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Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.316	2.19 ug/L	93958	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018583.D
Acq On : 07 Apr 2021 16:06
Operator : SY/VA
Sample : M1881-11
Misc : 4.61G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQG8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.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
Naphthalene, 2,...	12.859	1.3	ug/L	55840	3	13.560	1071240	25.0
(DEL) Alkane: C...	12.951	1.6	ug/L	70882	3	13.560	1071240	25.0
Naphthalene, 1,...	13.323	7.9	ug/L	338559	3	13.560	1071240	25.0
D-Limonene	13.469	3.0	ug/L	128802	3	13.560	1071240	25.0
Naphthalene, 1,...	14.316	2.2	ug/L	93958	3	13.560	1071240	25.0