

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018573.D
 Acq On : 07 Apr 2021 12:06
 Operator : SY/VA
 Sample : M1881-11
 Misc : 4.79G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 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: VW018573.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	39	42	43	rBV2	1328	1409	0.23%	0.033%
2	2.227	48	53	54	rBV3	3510	5387	0.88%	0.125%
3	2.355	69	74	81	rVB	39302	68137	11.18%	1.578%
4	2.885	155	161	170	rVB	28440	63571	10.43%	1.472%
5	3.190	210	211	214	rVB	936	865	0.14%	0.020%
6	3.269	221	224	225	rBV2	430	553	0.09%	0.013%
7	3.336	234	235	239	rVB4	801	876	0.14%	0.020%
8	3.385	239	243	244	rBV2	981	1390	0.23%	0.032%
9	3.525	265	266	268	rVV2	972	687	0.11%	0.016%
10	3.544	268	269	273	rVV4	921	874	0.14%	0.020%
11	3.574	273	274	277	rVV2	524	639	0.10%	0.015%
12	3.787	307	309	312	rBV3	454	465	0.08%	0.011%
13	4.019	338	347	358	rVB2	46989	122081	20.04%	2.827%
14	4.117	358	363	366	rBV3	1416	2708	0.44%	0.063%
15	4.184	373	374	376	rBV2	515	485	0.08%	0.011%
16	4.208	376	378	382	rVV3	1127	1354	0.22%	0.031%
17	4.379	405	406	408	rBV2	870	632	0.10%	0.015%
18	4.671	453	454	455	rBV	918	490	0.08%	0.011%
19	4.848	479	483	485	rVV2	424	612	0.10%	0.014%
20	4.915	487	494	506	rVB7	2821	9754	1.60%	0.226%
21	5.324	557	561	563	rVB2	508	555	0.09%	0.013%
22	5.360	563	567	568	rBV3	537	456	0.07%	0.011%
23	5.433	577	579	582	rVV3	779	726	0.12%	0.017%
24	5.470	582	585	587	rVV3	483	514	0.08%	0.012%
25	5.537	594	596	601	rVB2	590	482	0.08%	0.011%
26	5.629	607	611	613	rBV3	427	527	0.09%	0.012%
27	5.732	622	628	629	rBV3	329	507	0.08%	0.012%
28	5.921	654	659	661	rBV4	1211	1781	0.29%	0.041%
29	5.976	666	668	670	rVV2	686	587	0.10%	0.014%
30	6.007	670	673	676	rVB2	551	703	0.12%	0.016%
31	6.049	676	680	681	rBV	477	491	0.08%	0.011%
32	6.305	720	722	726	rVB3	454	473	0.08%	0.011%
33	6.439	741	744	747	rBV3	343	456	0.07%	0.011%
34	6.641	775	777	779	rBV2	484	458	0.08%	0.011%
35	6.976	829	832	834	rBV2	618	709	0.12%	0.016%
36	7.092	842	851	859	rBV	7613	25419	4.17%	0.589%

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37	7.476	911	914	919	rBV2	464	855	0.14%	0.020%
38	7.653	932	943	953	rVV	59893	148339	24.34%	3.435%
39	7.933	987	989	992	rBV3	466	607	0.10%	0.014%
40	7.970	992	995	996	rVV2	611	482	0.08%	0.011%
41	8.274	1034	1045	1061	rBV2	113370	348675	57.22%	8.075%
42	8.415	1065	1068	1069	rBV2	451	482	0.08%	0.011%
43	8.494	1077	1081	1083	rBV2	561	573	0.09%	0.013%
44	8.573	1089	1094	1098	rVV3	721	1245	0.20%	0.029%
45	8.646	1104	1106	1107	rBV	496	498	0.08%	0.012%
46	8.841	1128	1138	1151	rBV	112346	224293	36.81%	5.194%
47	8.945	1153	1155	1158	rBV2	534	569	0.09%	0.013%
48	9.085	1176	1178	1183	rVB4	1113	1752	0.29%	0.041%
49	9.274	1200	1209	1218	rBV2	74491	157298	25.82%	3.643%
50	9.610	1262	1264	1267	rVB2	415	506	0.08%	0.012%
51	9.750	1283	1287	1290	rBV3	666	912	0.15%	0.021%
52	9.805	1294	1296	1299	rVB2	617	594	0.10%	0.014%
53	9.927	1314	1316	1318	rBV2	620	501	0.08%	0.012%
54	10.036	1327	1334	1346	rVV	39076	73880	12.12%	1.711%
55	10.323	1372	1381	1390	rBV	154847	280223	45.99%	6.490%
56	10.384	1390	1391	1400	rVB3	2657	4030	0.66%	0.093%
57	10.457	1400	1403	1406	rBV3	424	621	0.10%	0.014%
58	10.579	1416	1423	1429	rBV2	24545	41878	6.87%	0.970%
59	10.701	1440	1443	1448	rBV4	1559	2486	0.41%	0.058%
60	10.774	1451	1455	1457	rBV2	348	572	0.09%	0.013%
61	10.853	1467	1468	1471	rVB3	481	468	0.08%	0.011%
62	10.926	1473	1480	1490	rBV	35913	64380	10.57%	1.491%
63	10.993	1490	1491	1495	rBV3	505	571	0.09%	0.013%
64	11.030	1495	1497	1499	rBV	529	546	0.09%	0.013%
65	11.091	1499	1507	1508	rBV6	1416	2694	0.44%	0.062%
66	11.109	1508	1510	1512	rVB2	1223	905	0.15%	0.021%
67	11.292	1539	1540	1543	rVB2	911	709	0.12%	0.016%
68	11.323	1543	1545	1546	rBV	801	695	0.11%	0.016%
69	11.359	1550	1551	1553	rBV	669	521	0.09%	0.012%
70	11.438	1562	1564	1569	rVB3	970	1170	0.19%	0.027%
71	11.573	1584	1586	1588	rBV2	1169	1089	0.18%	0.025%
72	11.627	1588	1595	1602	rBV	149683	259976	42.67%	6.021%
73	11.829	1623	1628	1629	rBV3	1486	2186	0.36%	0.051%
74	11.975	1646	1652	1653	rBV4	691	1210	0.20%	0.028%
75	12.018	1656	1659	1665	rVV4	690	1241	0.20%	0.029%
76	12.121	1671	1676	1677	rBV3	1140	1486	0.24%	0.034%

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77	12.182	1685	1686	1688	rBV	734	634	0.10%	0.015%
78	12.225	1691	1693	1694	rBV2	536	458	0.08%	0.011%
79	12.249	1694	1697	1699	rVB3	730	610	0.10%	0.014%
80	12.316	1703	1708	1709	rBV5	1304	1896	0.31%	0.044%
81	12.341	1709	1712	1713	rBV3	1777	2212	0.36%	0.051%
82	12.432	1719	1727	1741	rBV4	15098	64850	10.64%	1.502%
83	12.694	1763	1770	1776	rBV	66819	109716	18.01%	2.541%
84	12.761	1777	1781	1782	rBV4	2072	2569	0.42%	0.059%
85	12.780	1782	1784	1785	rBV2	1273	974	0.16%	0.023%
86	12.889	1785	1802	1806	rBV5	43287	190676	31.29%	4.416%
87	13.146	1838	1844	1845	rBV4	1780	2620	0.43%	0.061%
88	13.206	1849	1854	1857	rBV7	4608	9256	1.52%	0.214%
89	13.322	1858	1873	1887	rBV2	128769	609325	100.00%	14.111%
90	13.554	1906	1911	1919	rVB	129831	213973	35.12%	4.955%
91	13.621	1919	1922	1924	rBV4	2096	2741	0.45%	0.063%
92	13.737	1939	1941	1942	rBV2	1738	1075	0.18%	0.025%
93	13.853	1953	1960	1970	rBV3	147652	346890	56.93%	8.034%
94	14.298	2025	2033	2035	rBV2	36055	75492	12.39%	1.748%
95	14.535	2067	2072	2073	rBV4	10560	15627	2.56%	0.362%
96	14.956	2131	2141	2153	rVB	182492	571425	93.78%	13.234%
97	15.243	2183	2188	2196	rBV6	17929	39679	6.51%	0.919%
98	15.730	2264	2268	2275	rVB8	11032	26533	4.35%	0.614%
99	16.438	2379	2384	2394	rVB4	12977	33066	5.43%	0.766%
100	16.639	2411	2417	2425	rVB3	19530	46160	7.58%	1.069%

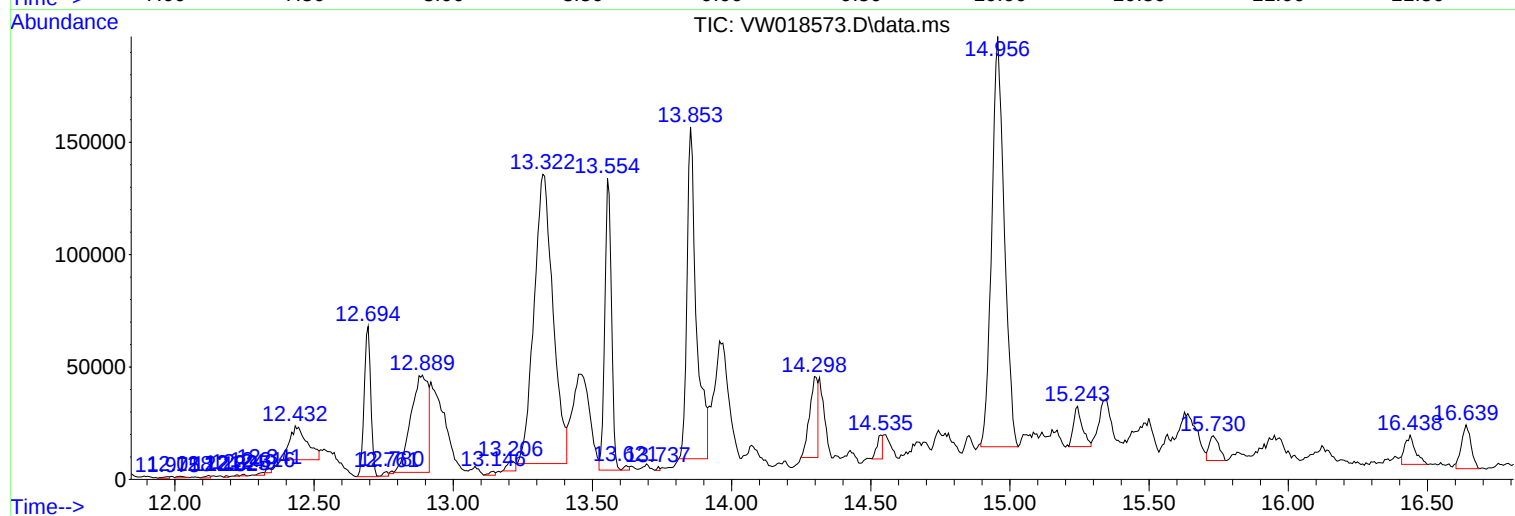
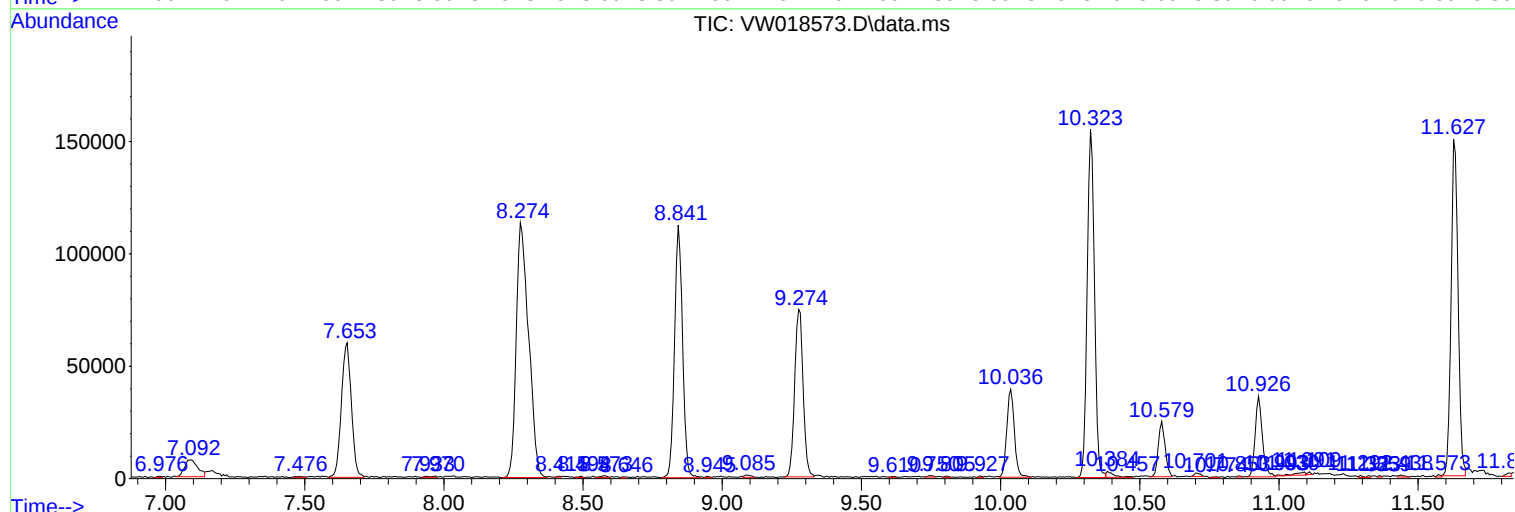
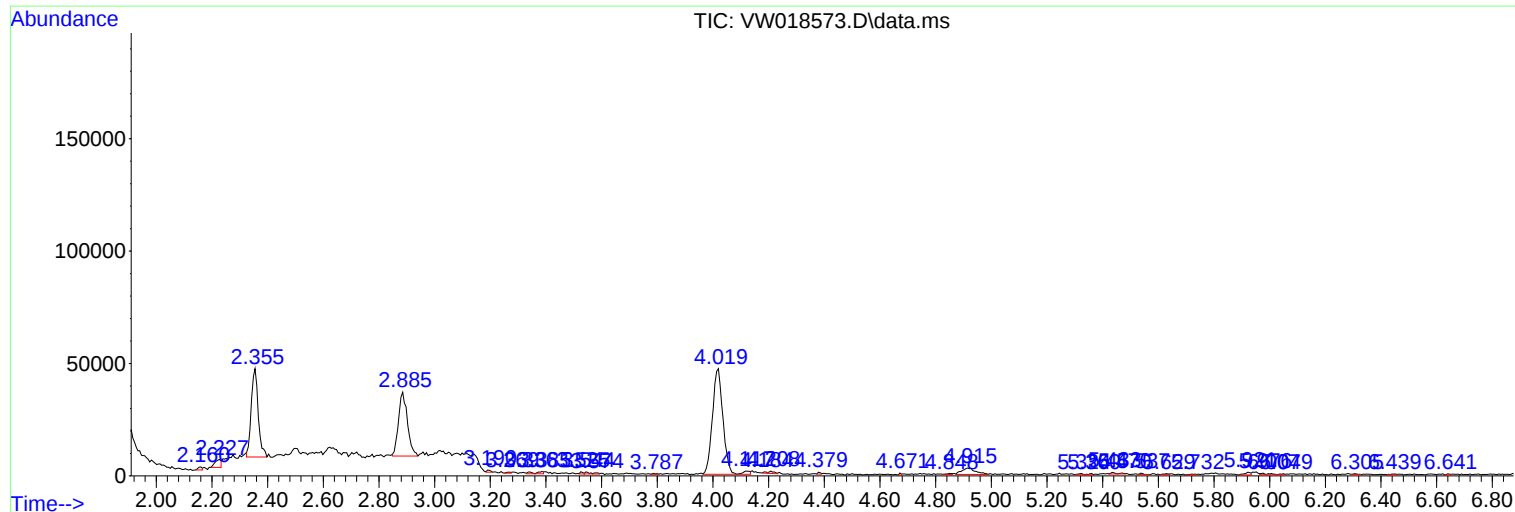
Sum of corrected areas: 4317988

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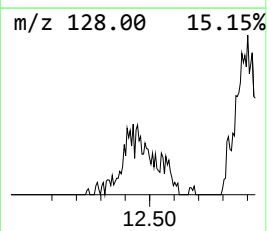
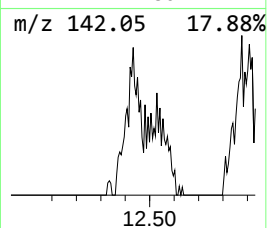
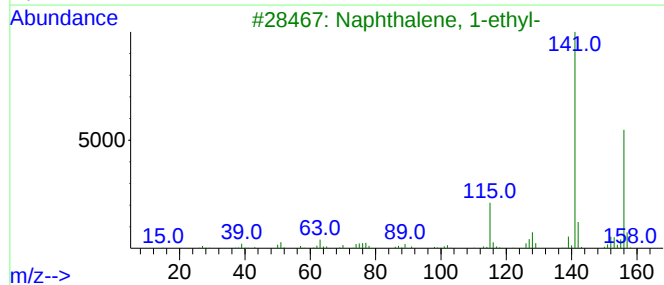
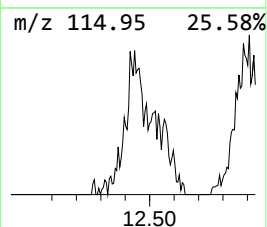
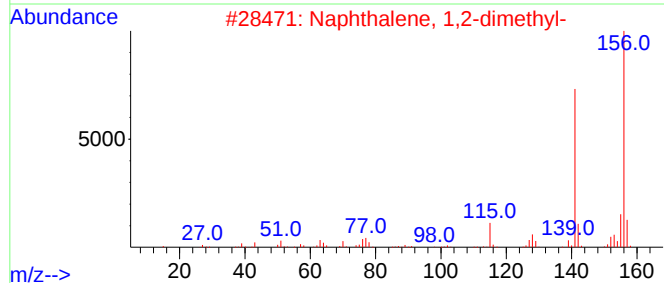
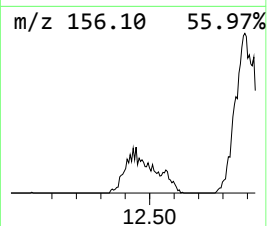
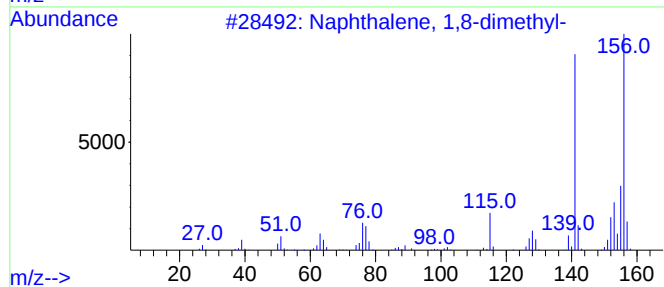
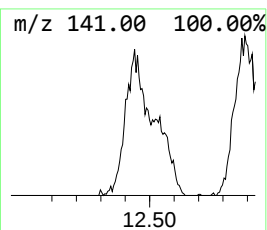
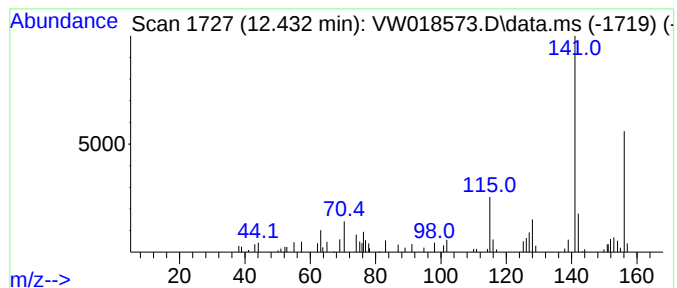
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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

Peak Number 2 Naphthalene, 1,8-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.432	6.24 ug/L	64850	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	91
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	91
3			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90



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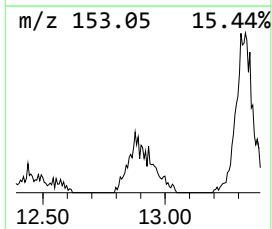
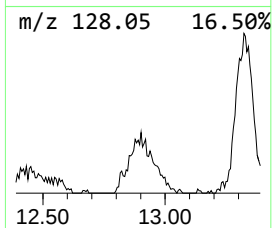
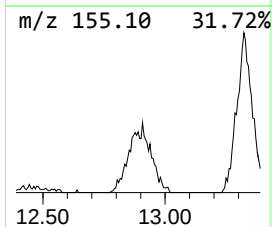
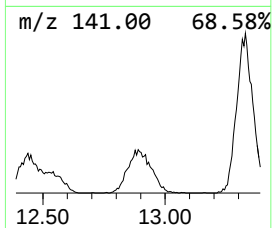
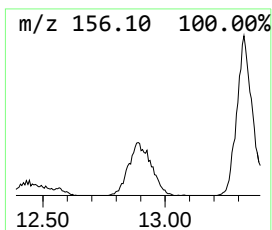
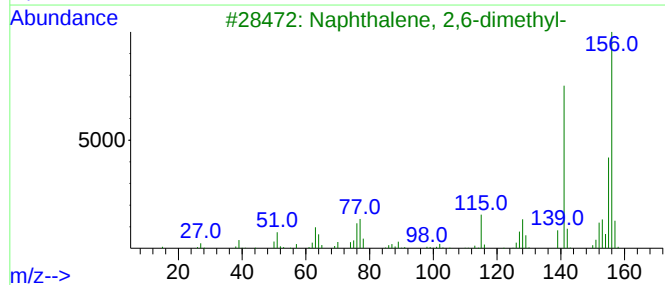
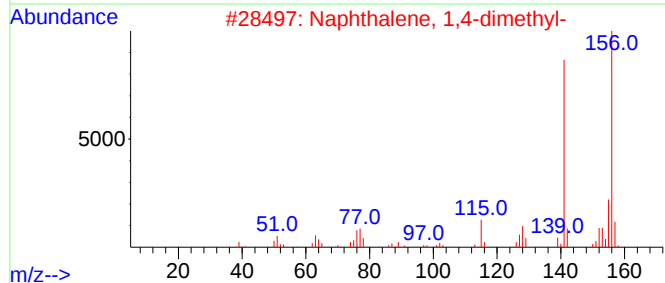
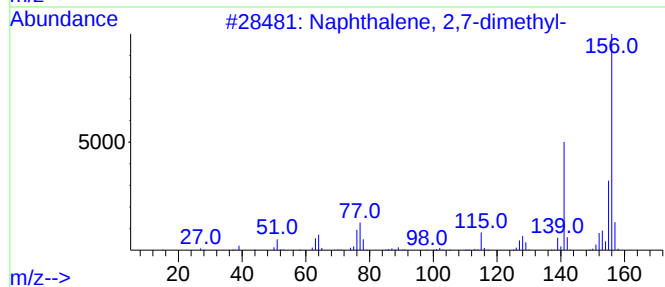
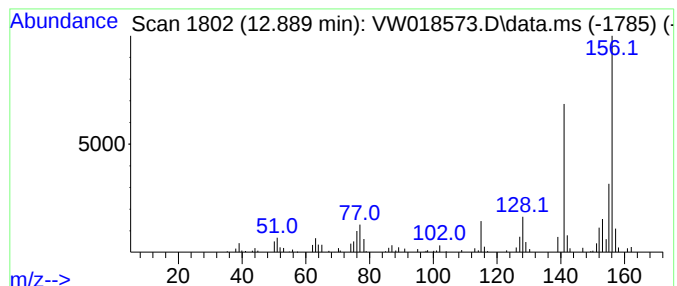
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Quant Title : VOC Analysis

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

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.890	22.28 ug/L	190676	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



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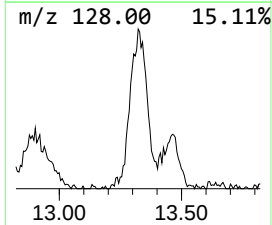
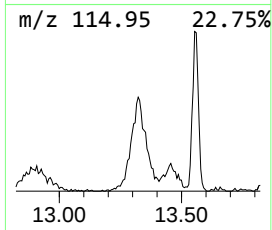
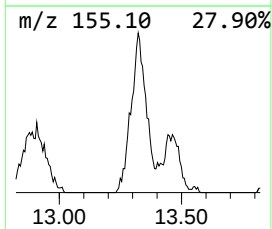
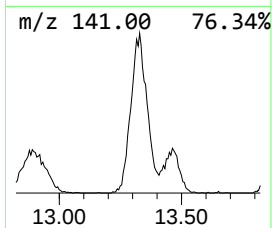
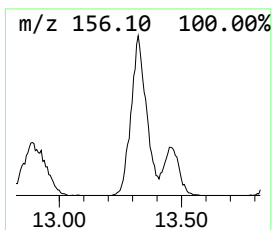
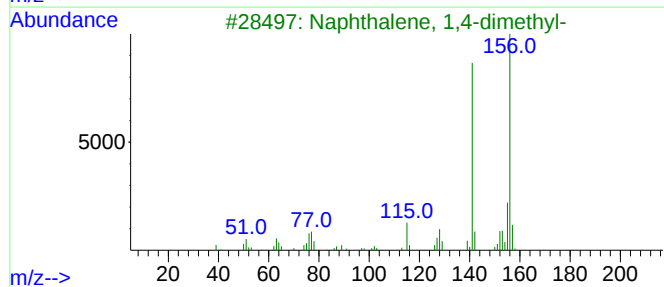
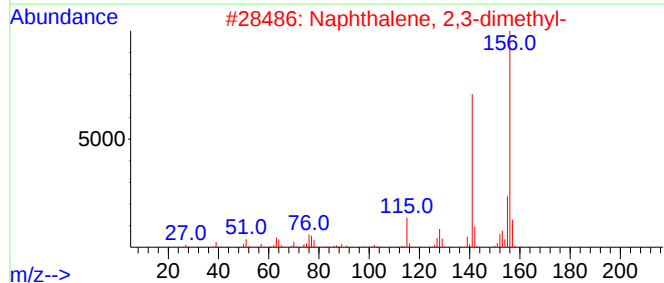
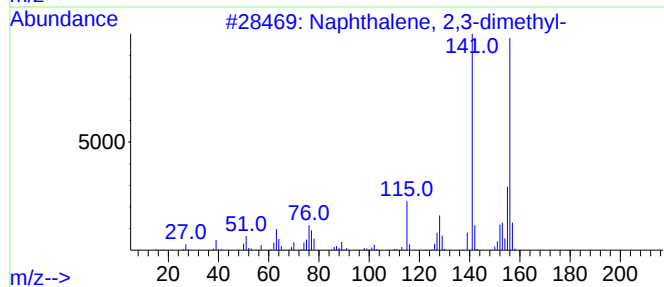
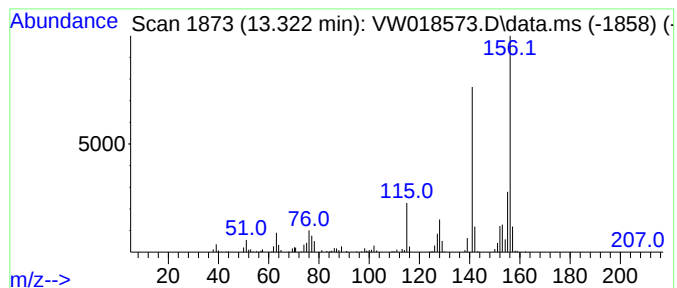
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.322	71.19 ug/L	609325	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018573.D
Acq On : 07 Apr 2021 12:06
Operator : SY/VA
Sample : M1881-11
Misc : 4.79G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQG8

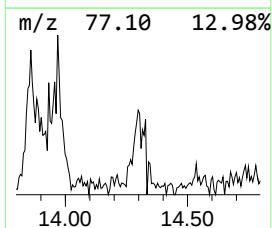
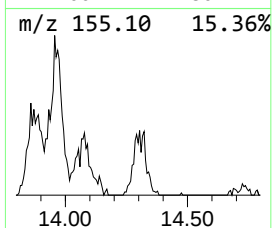
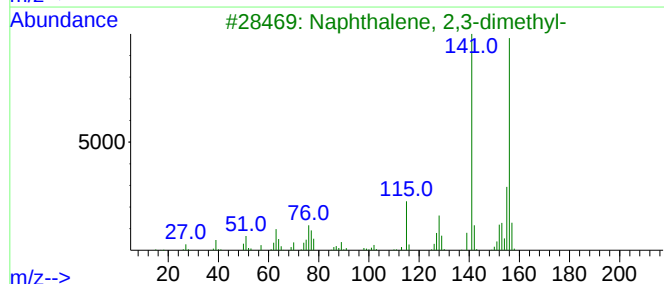
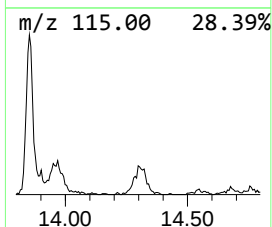
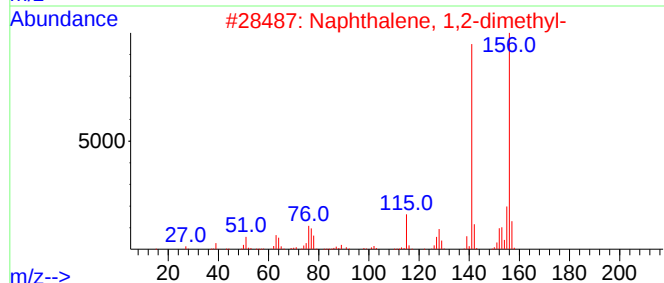
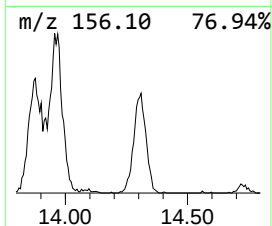
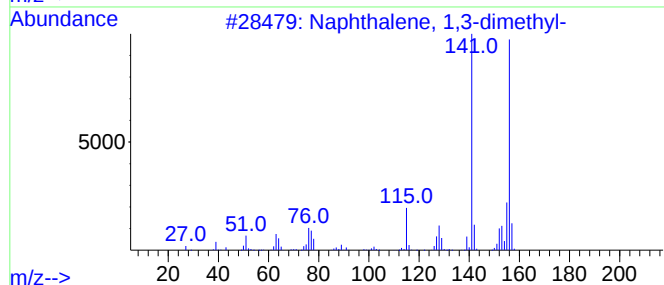
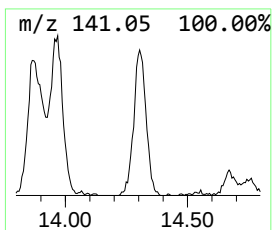
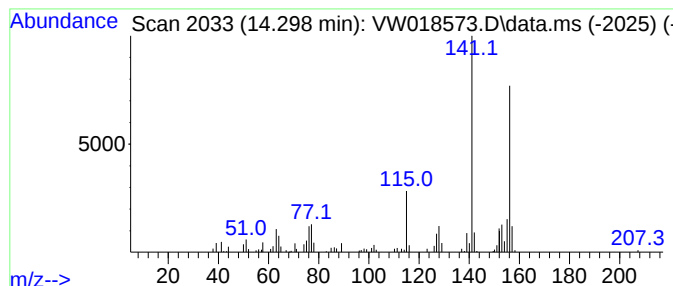
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Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.298	8.82 ug/L	75492	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	92



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018573.D
Acq On : 07 Apr 2021 12:06
Operator : SY/VA
Sample : M1881-11
Misc : 4.79G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
ESQG8

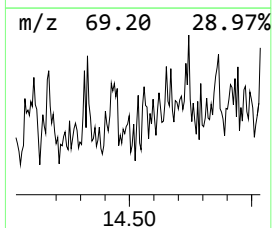
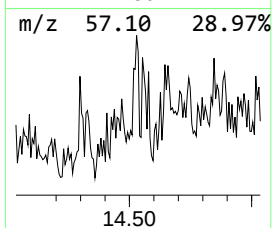
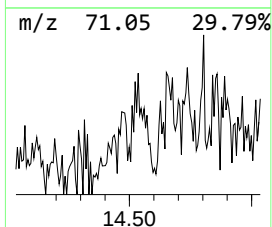
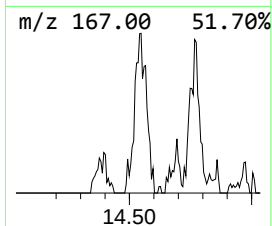
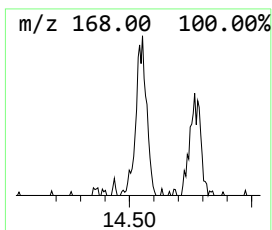
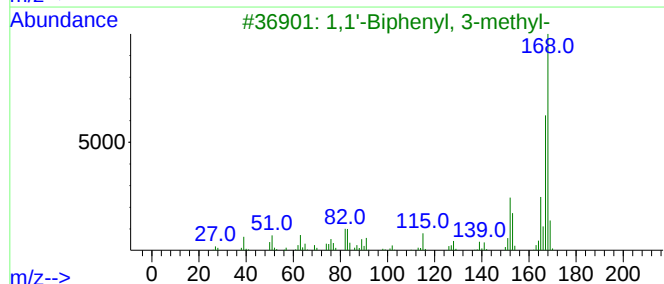
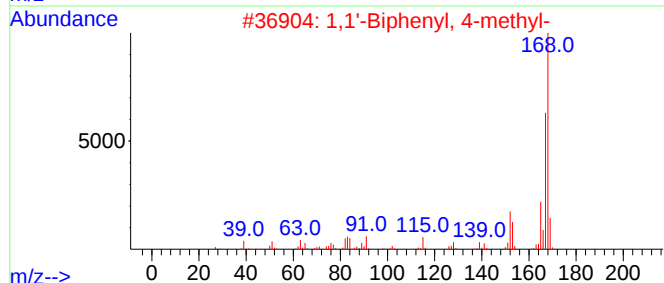
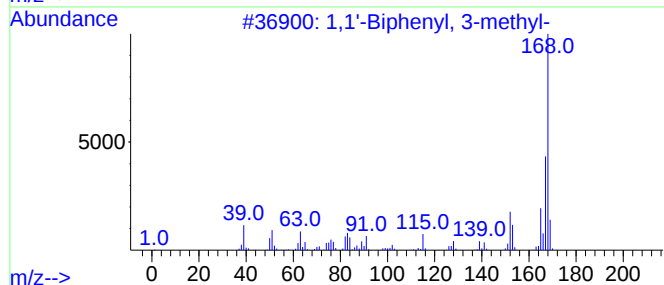
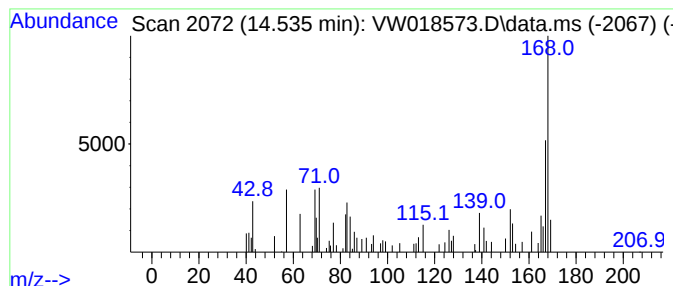
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Quant Title : VOC Analysis

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

Peak Number 6 1,1'-Biphenyl, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.536	1.83 ug/L	15627	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	87		
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	87		
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	81		
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	81		
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	74		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018573.D
Acq On : 07 Apr 2021 12:06
Operator : SY/VA
Sample : M1881-11
Misc : 4.79G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQG8

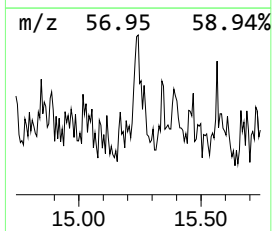
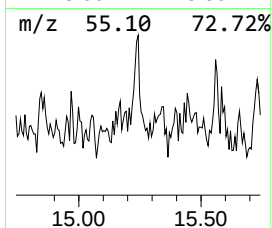
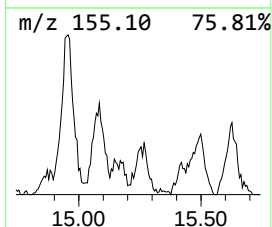
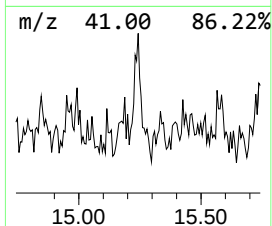
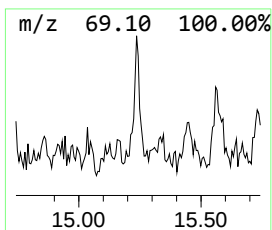
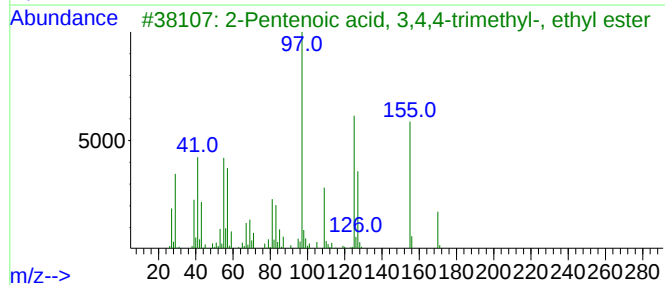
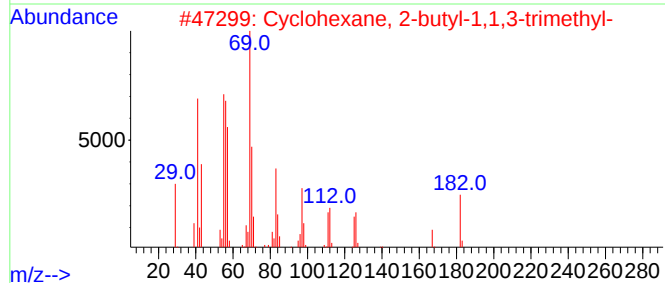
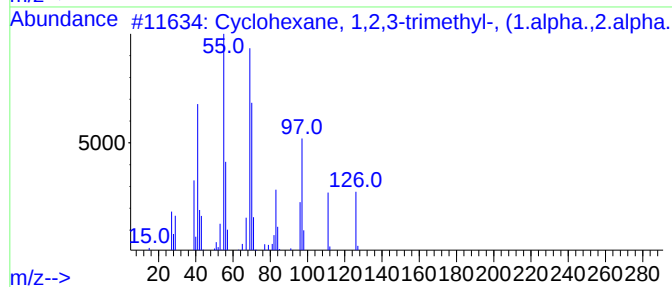
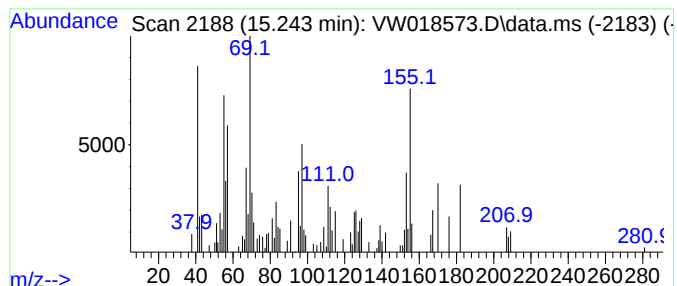
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Cyclic15.243 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.243	4.64 ug/L	39679	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	50
2			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	45
3			2-Pentenoic acid, 3,4,4-trimethy...	170	C10H18O2	091140-23-7	45
4			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	38
5			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018573.D
Acq On : 07 Apr 2021 12:06
Operator : SY/VA
Sample : M1881-11
Misc : 4.79G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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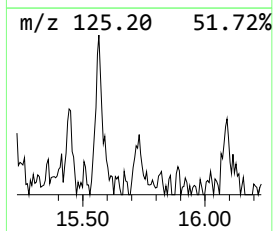
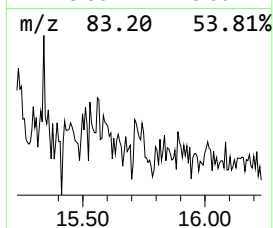
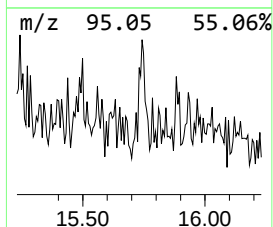
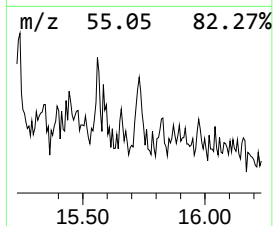
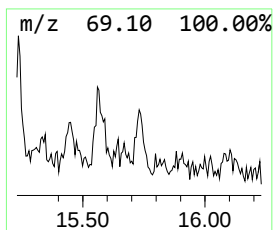
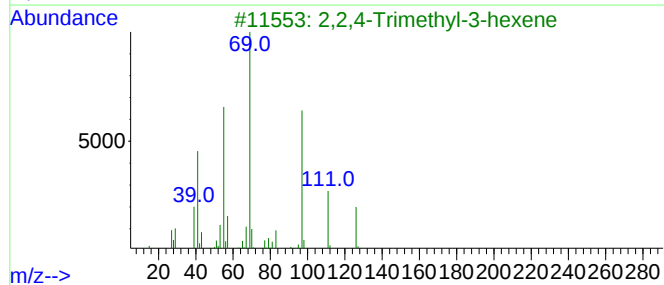
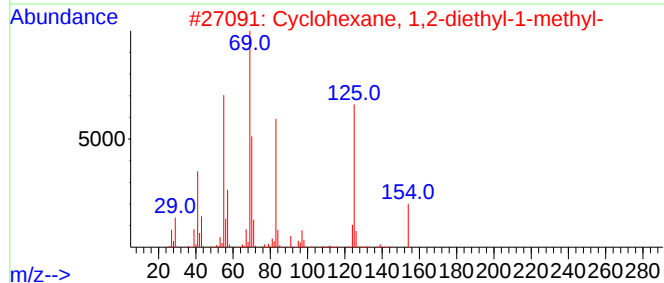
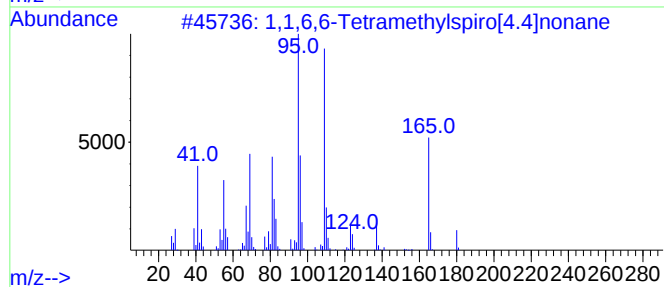
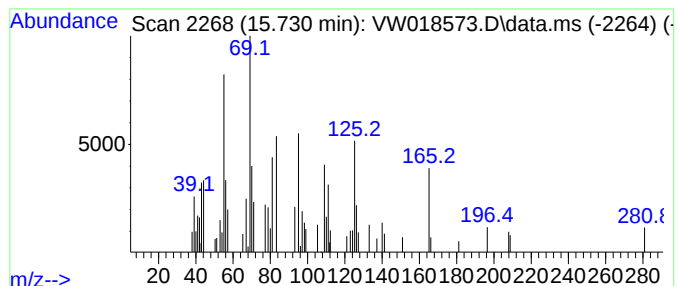
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Quant Title : VOC Analysis

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

Peak Number 9 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.730	3.10 ug/L	26533	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1,6,6-Tetramethylspiro[4.4]nonane	180	C13H24	074054-92-5	27
2			Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	27
3			2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	27
4			Cyclohexanone, 3,5-dimethyl-	126	C8H14O	002320-30-1	25
5			Cyclohexanone, 3,5-dimethyl-	126	C8H14O	002320-30-1	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018573.D
Acq On : 07 Apr 2021 12:06
Operator : SY/VA
Sample : M1881-11
Misc : 4.79G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQG8

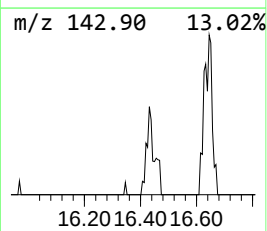
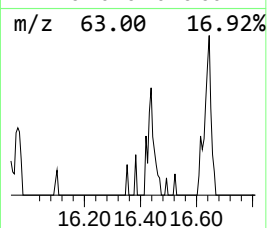
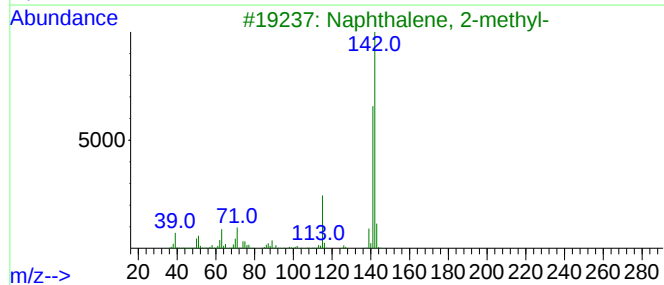
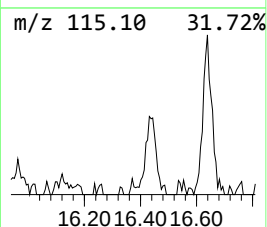
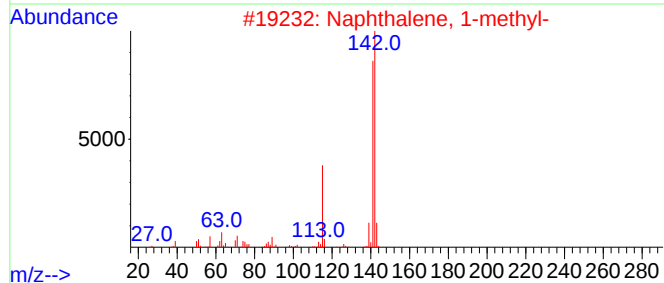
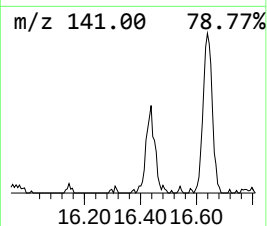
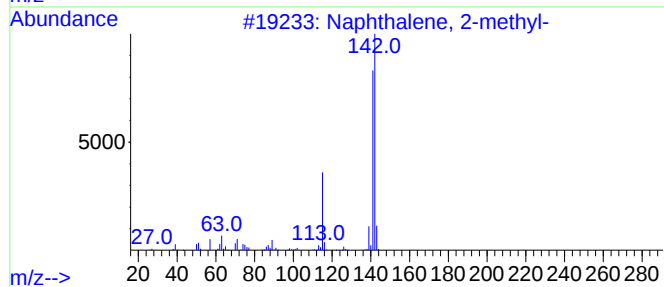
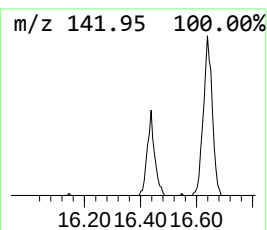
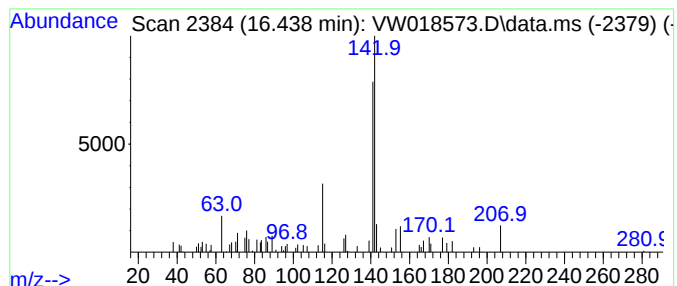
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Quant Title : VOC Analysis

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.438	3.86 ug/L	33066	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	74
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	74
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	72
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	72
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018573.D
Acq On : 07 Apr 2021 12:06
Operator : SY/VA
Sample : M1881-11
Misc : 4.79G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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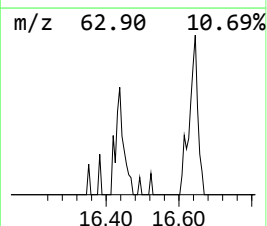
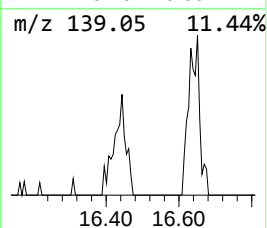
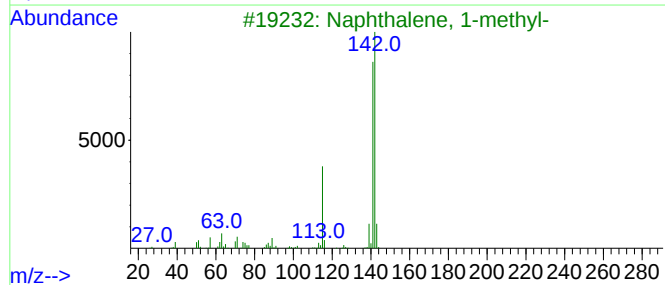
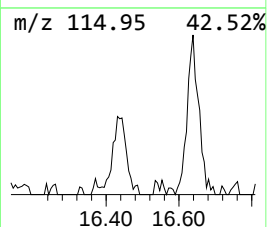
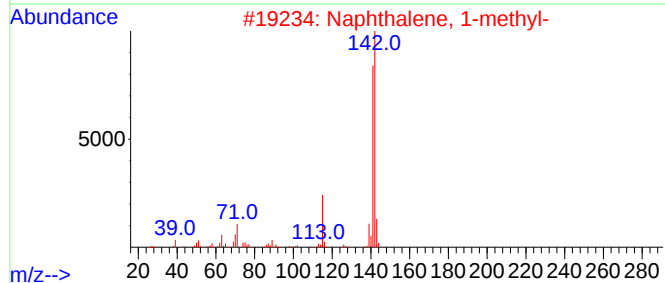
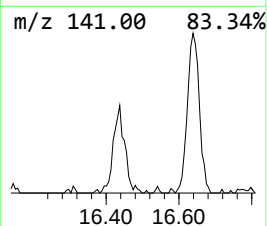
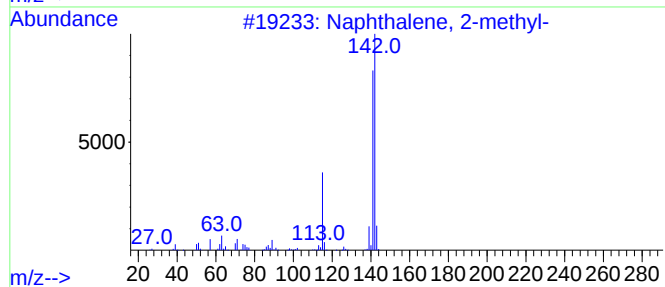
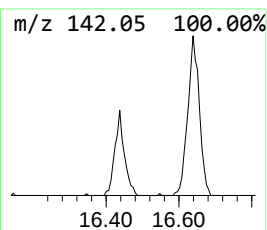
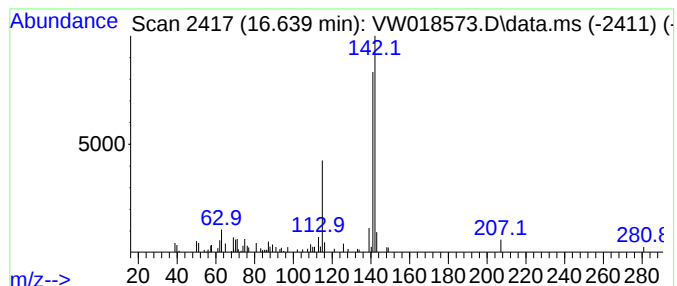
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Quant Title : VOC Analysis

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

Peak Number 11 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	5.39 ug/L	46160	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018573.D
Acq On : 07 Apr 2021 12:06
Operator : SY/VA
Sample : M1881-11
Misc : 4.79G/10ML/MSVOA_W/SOIL
ALS Vial : 6 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, 1,...	12.432	6.2	ug/L	64850	2	11.628	259976	25.0
Naphthalene, 2,...	12.890	22.3	ug/L	190676	3	13.554	213973	25.0
Naphthalene, 2,...	13.322	71.2	ug/L	609325	3	13.554	213973	25.0
Naphthalene, 1,...	14.298	8.8	ug/L	75492	3	13.554	213973	25.0
1,1'-Biphenyl, ...	14.536	1.8	ug/L	15627	3	13.554	213973	25.0
(DEL) Alkane: C...	15.243	4.6	ug/L	39679	3	13.554	213973	25.0
unknown-01	15.730	3.1	ug/L	26533	3	13.554	213973	25.0
Naphthalene, 1-...	16.438	3.9	ug/L	33066	3	13.554	213973	25.0
unknown-02	16.639	5.4	ug/L	46160	3	13.554	213973	25.0