

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020420\
 Data File : VW014859.D
 Acq On : 04 Feb 2020 14:28
 Operator : SY/VA
 Sample : L1323-15
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT53

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\SOM2WLM020320S.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	2.166	38	43	46	rBV3	20871	37887	0.87%	0.091%
2	2.349	67	73	84	rBV	277209	511700	11.78%	1.227%
3	2.885	154	161	177	rVB	227668	554840	12.77%	1.330%
4	3.312	229	231	235	rVB4	1241	1762	0.04%	0.004%
5	3.599	276	278	283	rBV5	1051	1437	0.03%	0.003%
6	3.678	288	291	295	rVV5	1404	2384	0.05%	0.006%
7	3.745	300	302	309	rVB7	1052	1486	0.03%	0.004%
8	4.013	333	346	359	rBV	464854	1408862	32.43%	3.378%
9	4.117	361	363	371	rVB2	10396	20528	0.47%	0.049%
10	4.391	401	408	409	rBV4	2773	5765	0.13%	0.014%
11	4.909	480	493	510	rBV2	57706	200103	4.61%	0.480%
12	5.159	531	534	535	rBV3	1452	1395	0.03%	0.003%
13	5.769	632	634	636	rBV3	1333	1438	0.03%	0.003%
14	5.793	636	638	642	rVB4	1163	1545	0.04%	0.004%
15	5.940	654	662	670	rVB6	8674	23654	0.54%	0.057%
16	6.232	706	710	712	rVB3	1147	1421	0.03%	0.003%
17	6.275	712	717	718	rBV4	798	1272	0.03%	0.003%
18	6.372	730	733	735	rBV4	1086	1343	0.03%	0.003%
19	6.513	754	756	763	rVB4	868	1812	0.04%	0.004%
20	6.781	796	800	803	rVB	1237	1626	0.04%	0.004%
21	6.885	813	817	819	rBV3	1059	1549	0.04%	0.004%
22	6.909	819	821	825	rVB4	1241	1376	0.03%	0.003%
23	6.964	825	830	834	rVB8	1217	2605	0.06%	0.006%
24	7.074	838	848	854	rBV	109692	322471	7.42%	0.773%
25	7.134	854	858	869	rVV	81052	215877	4.97%	0.518%
26	7.250	869	877	890	rVV2	140258	354793	8.17%	0.851%
27	7.647	930	942	955	rBV	717197	1746544	40.20%	4.188%
28	7.781	962	964	971	rVB5	1217	1609	0.04%	0.004%
29	7.945	989	991	998	rVB7	3620	6704	0.15%	0.016%
30	8.067	1007	1011	1017	rVB8	1441	2885	0.07%	0.007%
31	8.274	1034	1045	1062	rBV2	1498819	4344708	100.00%	10.418%
32	8.476	1076	1078	1081	rVB4	1343	1536	0.04%	0.004%
33	8.537	1085	1088	1091	rBV4	1269	2206	0.05%	0.005%
34	8.701	1109	1115	1119	rVB7	1688	3754	0.09%	0.009%

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35	8.841	1128	1138	1150	rBV	1323279	2649405	60.98%	6.353%
36	9.073	1169	1176	1183	rBV9	6267	14124	0.33%	0.034%
37	9.274	1196	1209	1218	rBV	1024685	2083524	47.96%	4.996%
38	9.665	1266	1273	1278	rBV2	8638	19191	0.44%	0.046%
39	9.780	1290	1292	1298	rVB4	949	1376	0.03%	0.003%
40	10.030	1326	1333	1343	rBV	491797	896405	20.63%	2.149%
41	10.122	1343	1348	1357	rVB6	4524	11415	0.26%	0.027%
42	10.207	1357	1362	1368	rBV4	6142	10832	0.25%	0.026%
43	10.323	1371	1381	1388	rBV	2065875	3659616	84.23%	8.775%
44	10.384	1388	1391	1398	rVB	24566	43741	1.01%	0.105%
45	10.573	1415	1422	1434	rBV	301540	537122	12.36%	1.288%
46	10.701	1437	1443	1449	rVB	52553	93199	2.15%	0.223%
47	10.786	1454	1457	1460	rVB5	1675	1658	0.04%	0.004%
48	10.859	1463	1469	1473	rBV3	13710	23391	0.54%	0.056%
49	10.920	1473	1479	1490	rBV	435624	739656	17.02%	1.774%
50	11.061	1496	1502	1512	rVB	92884	149674	3.44%	0.359%
51	11.176	1517	1521	1523	rBV5	2626	4170	0.10%	0.010%
52	11.256	1525	1534	1535	rBV8	5803	13201	0.30%	0.032%
53	11.268	1535	1536	1537	rBV	2774	1487	0.03%	0.004%
54	11.323	1543	1545	1546	rBV	4521	3057	0.07%	0.007%
55	11.439	1560	1564	1570	rVB2	19462	33175	0.76%	0.080%
56	11.512	1574	1576	1577	rBV2	2130	1711	0.04%	0.004%
57	11.628	1588	1595	1608	rVB	1870727	3099482	71.34%	7.432%
58	11.835	1625	1629	1635	rVB2	13621	24632	0.57%	0.059%
59	11.914	1640	1642	1645	rVB3	1914	1768	0.04%	0.004%
60	11.938	1645	1646	1649	rBV3	1844	1513	0.03%	0.004%
61	12.085	1666	1670	1672	rVB5	999	1443	0.03%	0.003%
62	12.164	1678	1683	1693	rVB4	12035	26379	0.61%	0.063%
63	12.243	1693	1696	1698	rBV4	1472	1883	0.04%	0.005%
64	12.268	1698	1700	1702	rBV3	1920	1810	0.04%	0.004%
65	12.396	1705	1721	1722	rBV3	26227	77913	1.79%	0.187%
66	12.603	1750	1755	1762	rVB	75041	127911	2.94%	0.307%
67	12.688	1762	1769	1777	rBV	617322	1040065	23.94%	2.494%
68	12.865	1777	1798	1806	rBV3	206690	1122721	25.84%	2.692%
69	13.072	1824	1832	1843	rVB7	16601	67711	1.56%	0.162%
70	13.200	1849	1853	1854	rBV4	5096	7039	0.16%	0.017%
71	13.298	1854	1869	1881	rVV4	298291	1396770	32.15%	3.349%

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72	13.438	1883	1892	1904	rVV4	165940	711098	16.37%	1.705%
73	13.554	1904	1911	1923	rVV	1765352	2842462	65.42%	6.816%
74	13.713	1923	1937	1948	rVV4	40942	191335	4.40%	0.459%
75	13.853	1951	1960	1968	rVV	1726111	2984711	68.70%	7.157%
76	13.938	1969	1974	1988	rVV4	107316	364549	8.39%	0.874%
77	14.066	1990	1995	2003	rVB	43092	85039	1.96%	0.204%
78	14.200	2013	2017	2018	rBV2	6378	8038	0.19%	0.019%
79	14.231	2019	2022	2023	rBV2	8470	7750	0.18%	0.019%
80	14.286	2026	2031	2041	rVV2	27865	91618	2.11%	0.220%
81	14.420	2050	2053	2055	rVB4	4679	5025	0.12%	0.012%
82	14.523	2055	2070	2084	rBV5	173625	687084	15.81%	1.648%
83	14.664	2085	2093	2094	rBV8	8607	21433	0.49%	0.051%
84	14.755	2099	2108	2119	rVB6	48233	185017	4.26%	0.444%
85	14.865	2119	2126	2130	rBV5	24954	47024	1.08%	0.113%
86	14.950	2130	2140	2148	rVB3	88392	248194	5.71%	0.595%
87	15.072	2151	2160	2168	rBV2	60847	231611	5.33%	0.555%
88	15.243	2182	2188	2196	rVB8	20428	61058	1.41%	0.146%
89	15.365	2201	2208	2214	rVV	549026	1010635	23.26%	2.423%
90	15.438	2216	2220	2223	rVV	54541	117728	2.71%	0.282%
91	15.487	2224	2228	2235	rVV3	70823	200177	4.61%	0.480%
92	15.554	2236	2239	2242	rVV	25726	38196	0.88%	0.092%
93	15.615	2242	2249	2270	rVB3	89827	330168	7.60%	0.792%
94	15.840	2282	2286	2292	rBV5	12295	21313	0.49%	0.051%
95	15.962	2292	2306	2321	rVB10	67489	325367	7.49%	0.780%
96	16.115	2322	2331	2342	rBV4	49896	169873	3.91%	0.407%
97	16.377	2364	2374	2376	rBV4	23070	69544	1.60%	0.167%
98	16.438	2376	2384	2398	rVB	883826	1917596	44.14%	4.598%
99	16.645	2410	2418	2426	rVB	426797	934659	21.51%	2.241%
100	16.761	2431	2437	2438	rBV6	9771	15275	0.35%	0.037%

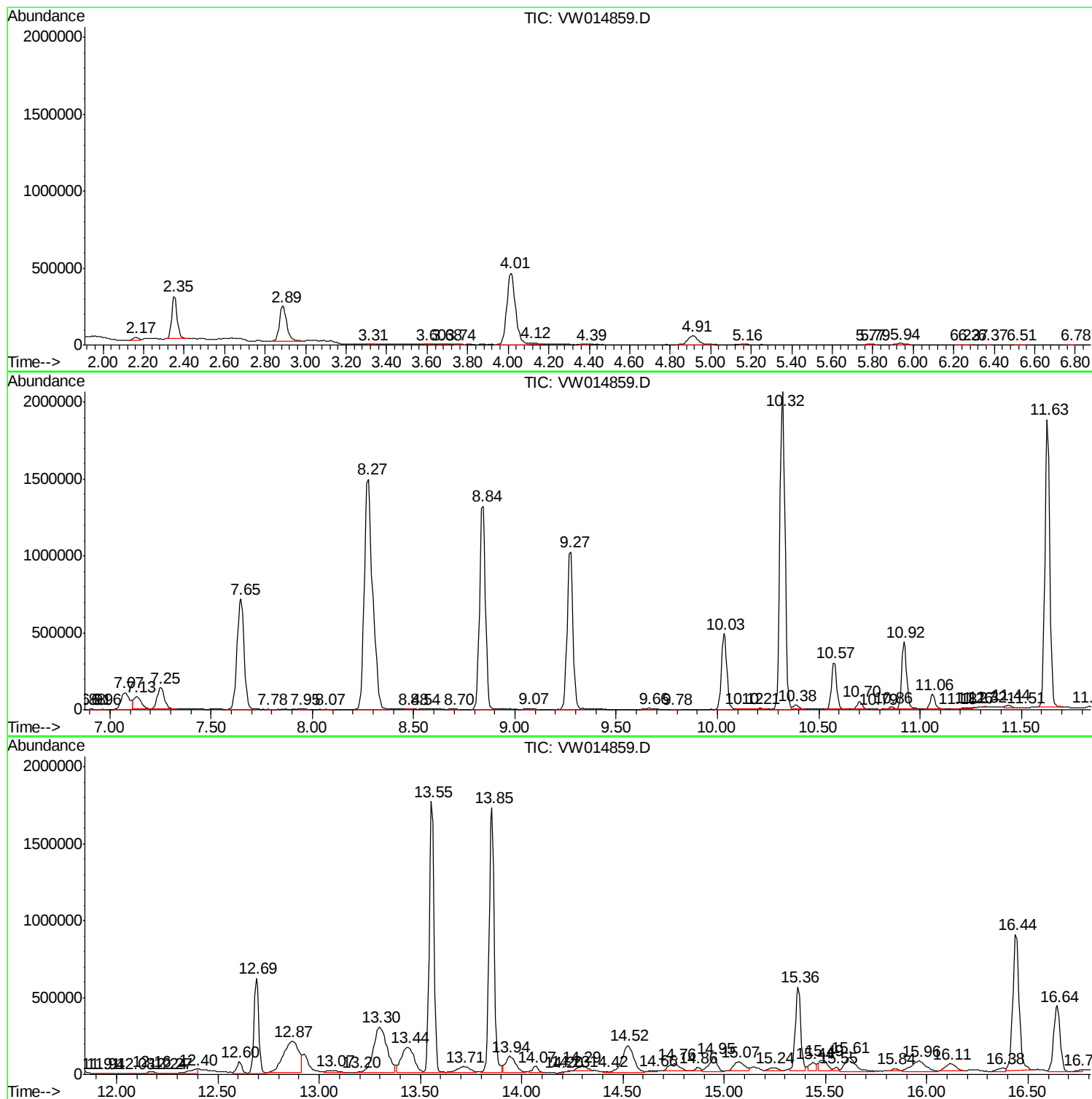
Sum of corrected areas: 41704624

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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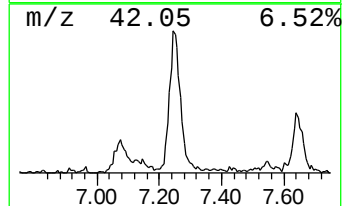
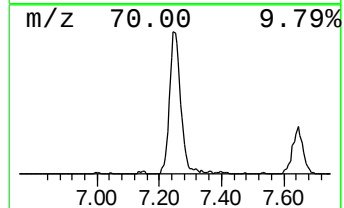
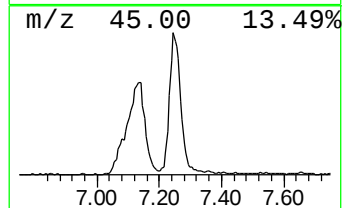
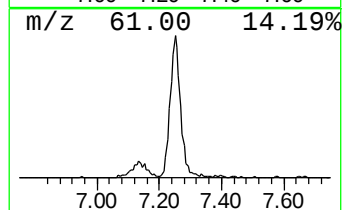
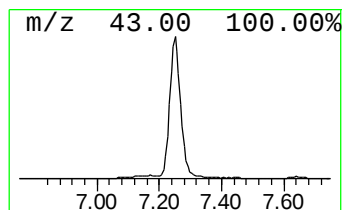
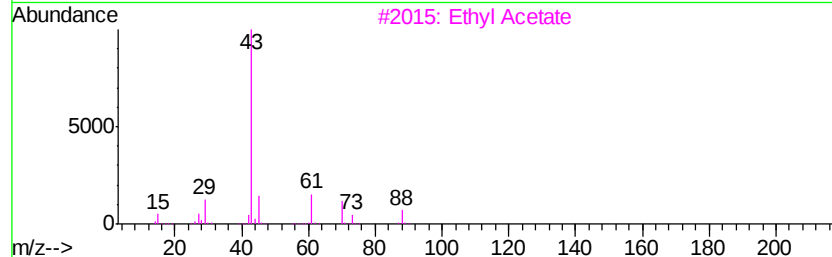
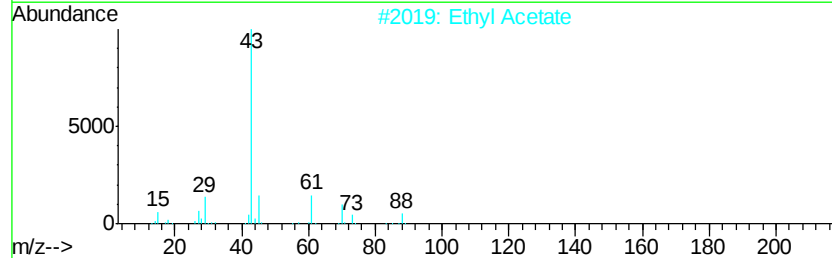
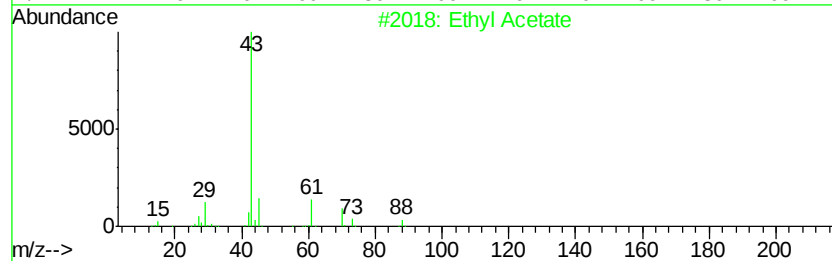
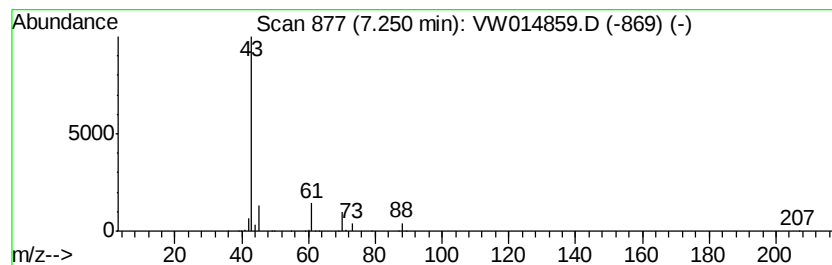
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 2 Ethyl Acetate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	3.35 ug/L	354793	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl Acetate	88	C4H8O2	000141-78-6	86
2			Ethyl Acetate	88	C4H8O2	000141-78-6	86
3			Ethyl Acetate	88	C4H8O2	000141-78-6	86
4			Ethyl Acetate	88	C4H8O2	000141-78-6	72
5			CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	9



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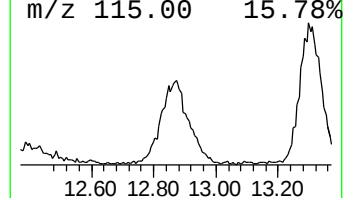
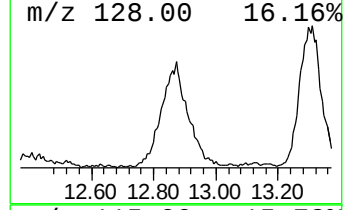
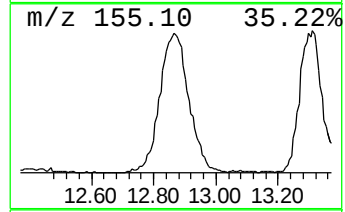
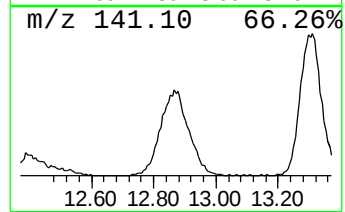
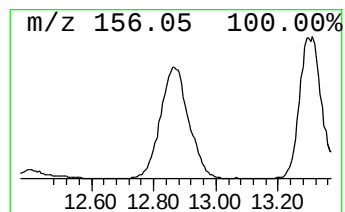
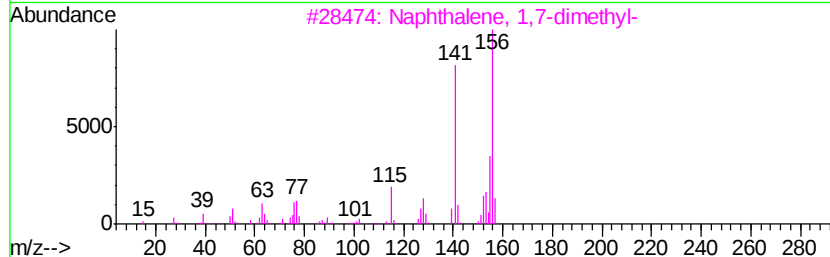
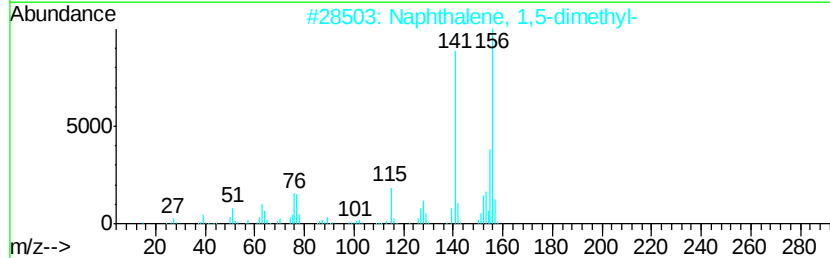
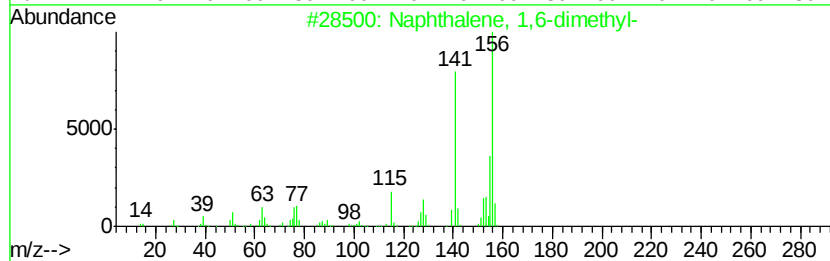
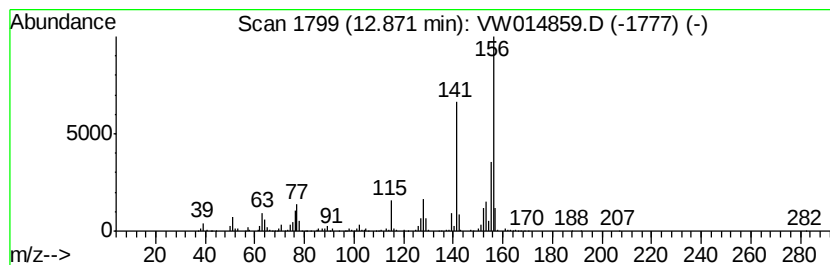
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	9.87 ug/L	1122720	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	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



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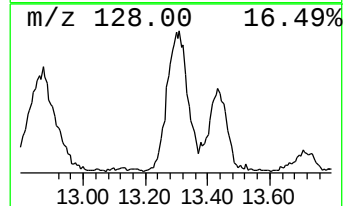
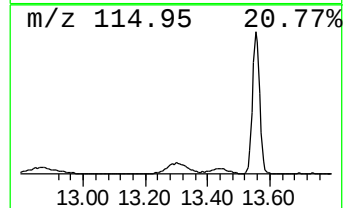
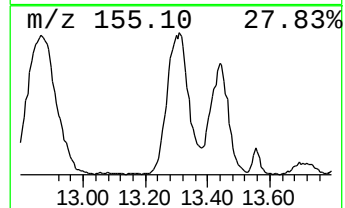
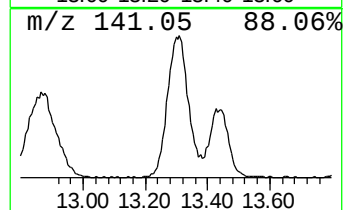
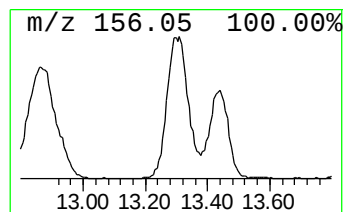
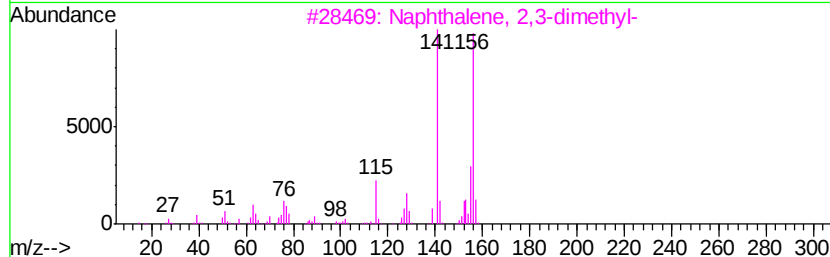
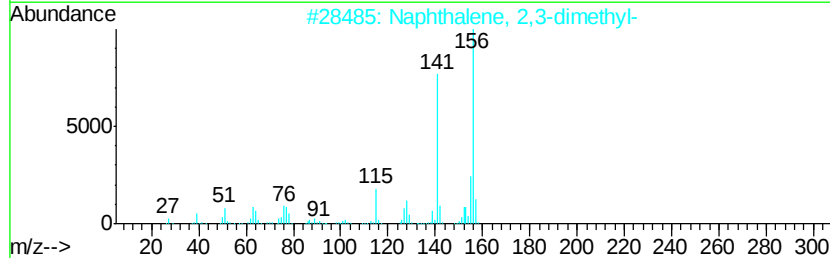
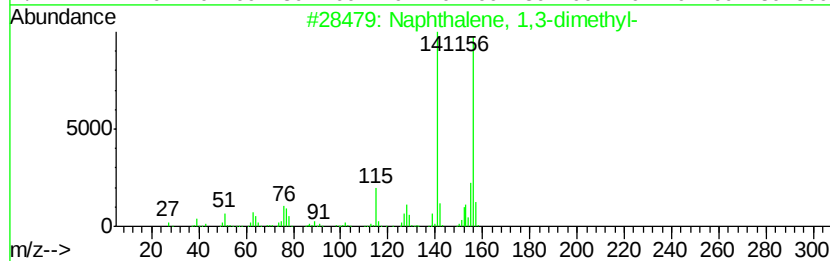
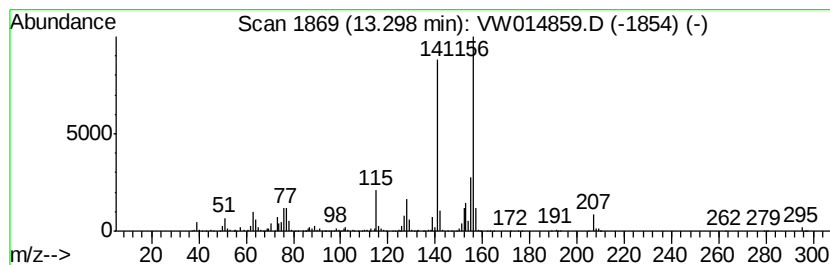
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Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	12.28 ug/L	1396770	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014859.D
Acq On : 04 Feb 2020 14:28
Operator : SY/VA
Sample : L1323-15
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

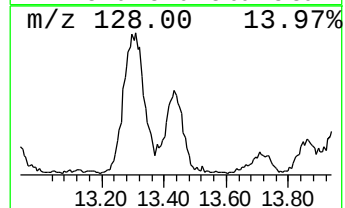
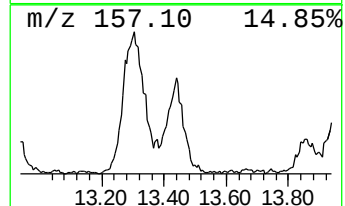
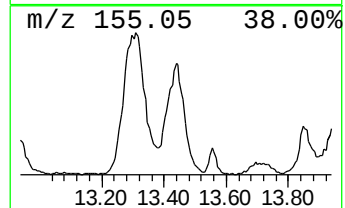
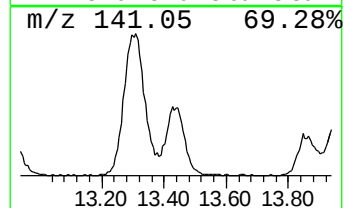
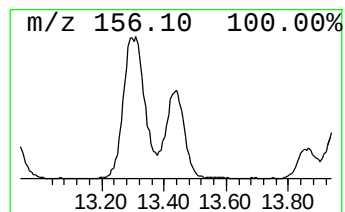
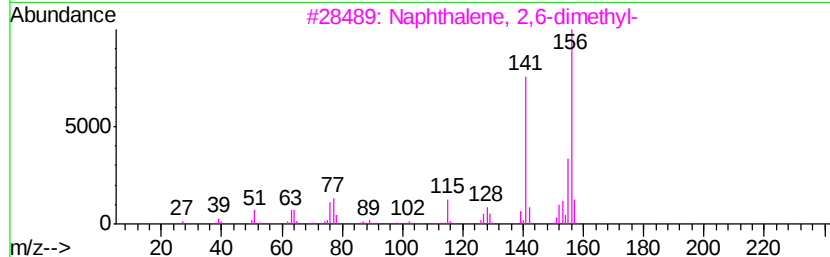
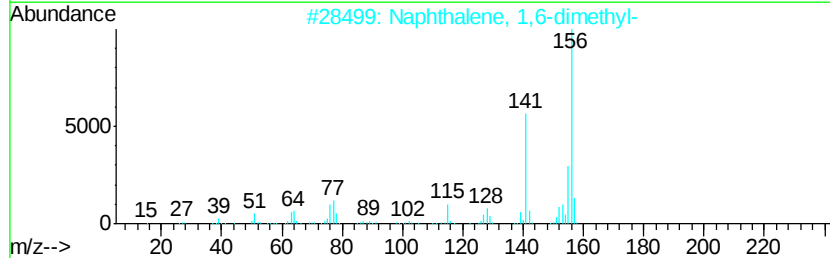
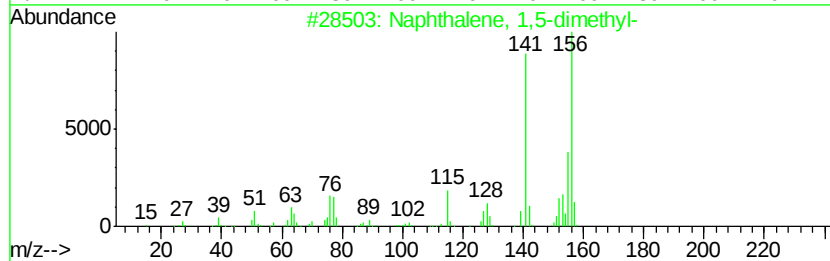
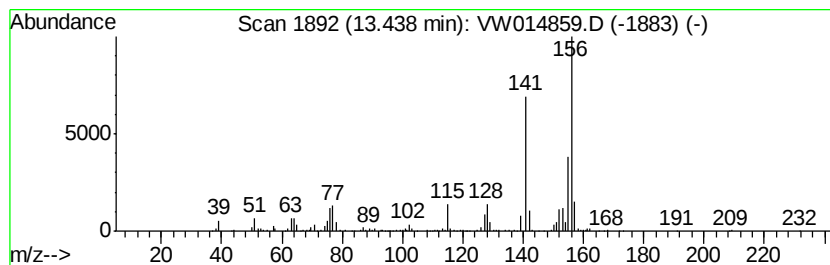
Instrument :
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ClientSampleId :
GAT53

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.44	6.25 ug/L	711098	1,4-Dichlorobenzene-d4	13.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014859.D
Acq On : 04 Feb 2020 14:28
Operator : SY/VA
Sample : L1323-15
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAT53

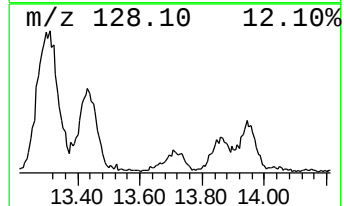
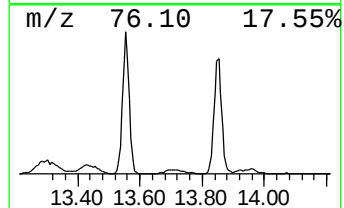
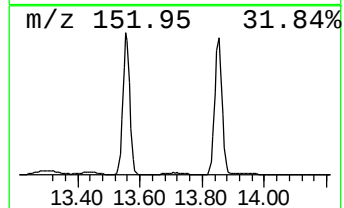
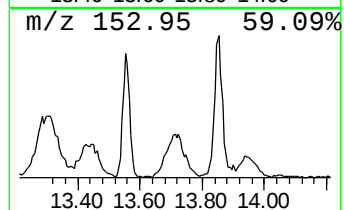
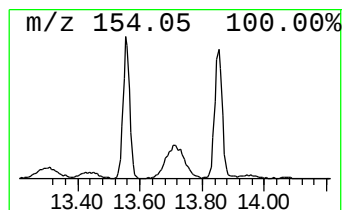
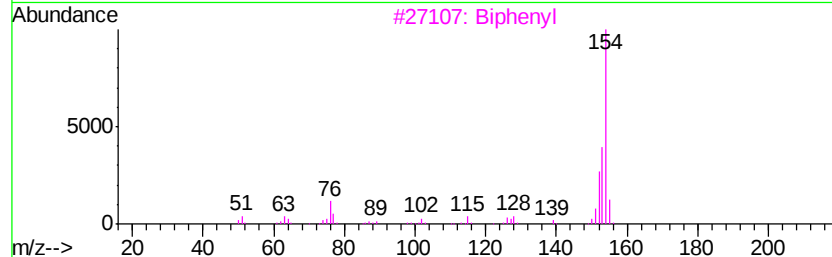
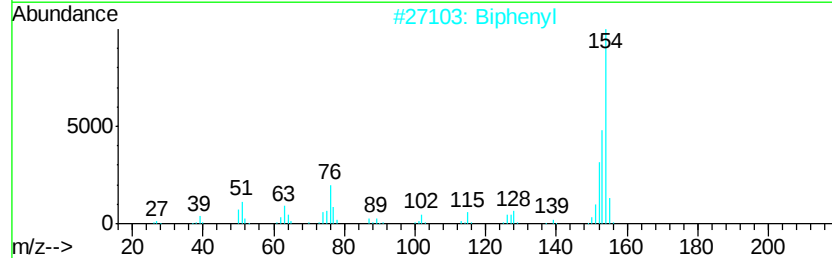
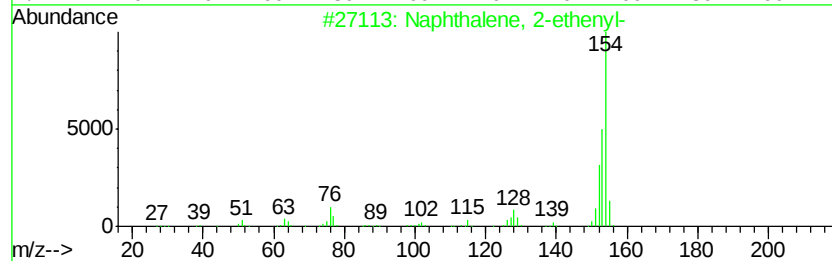
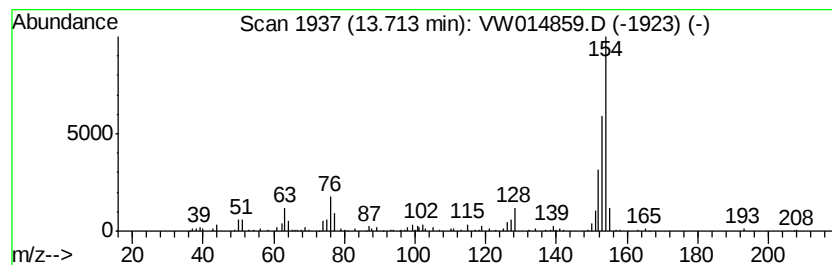
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Quant Title : VOC Analysis

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

Peak Number 7 Naphthalene, 2-ethenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	1.68 ug/L	191335	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	94
2		Biphenyl	154	C12H10	000092-52-4	91
3		Biphenyl	154	C12H10	000092-52-4	87
4		Acenaphthene	154	C12H10	000083-32-9	81
5		Acenaphthene	154	C12H10	000083-32-9	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014859.D
Acq On : 04 Feb 2020 14:28
Operator : SY/VA
Sample : L1323-15
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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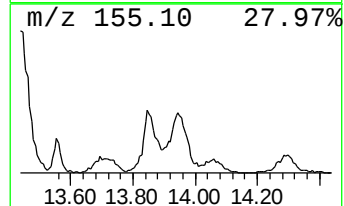
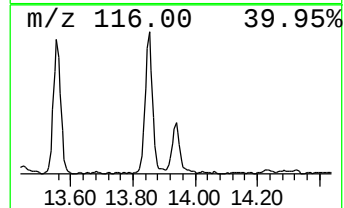
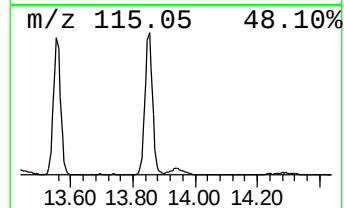
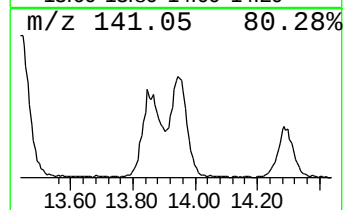
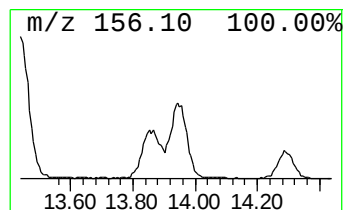
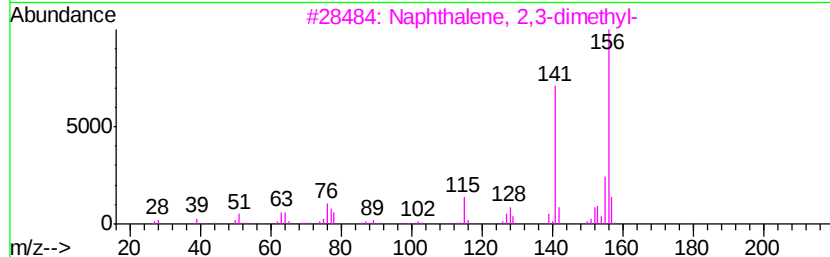
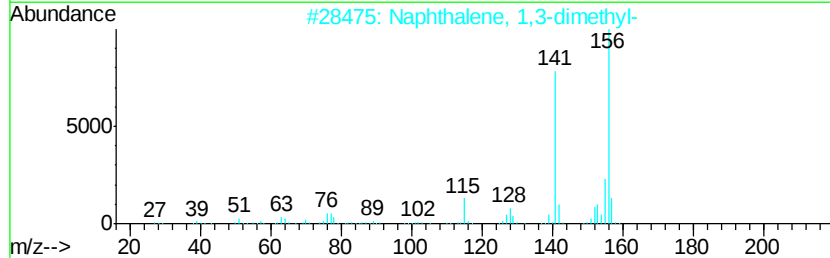
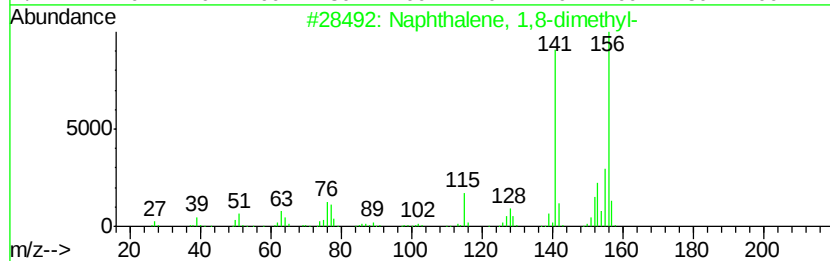
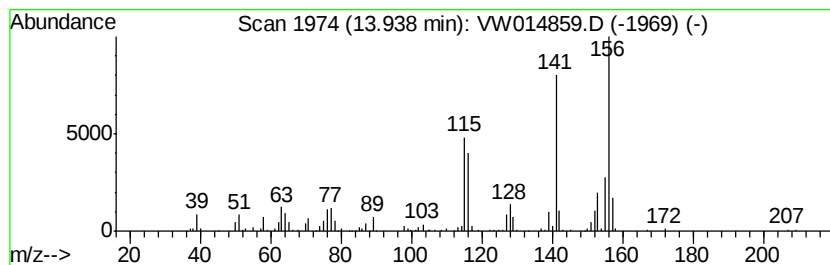
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Quant Title : VOC Analysis

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

Peak Number 8 Naphthalene, 1,8-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	3.21 ug/L	364549	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	92
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	86
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	86
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014859.D
Acq On : 04 Feb 2020 14:28
Operator : SY/VA
Sample : L1323-15
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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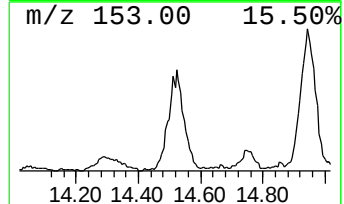
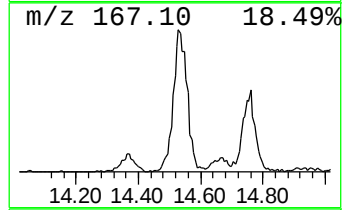
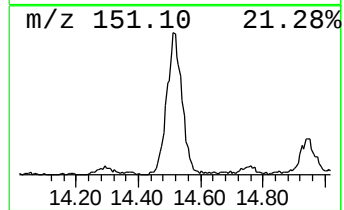
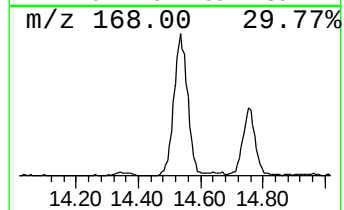
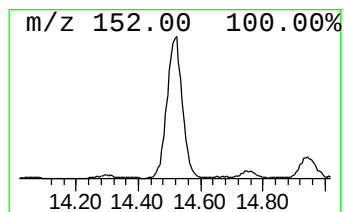
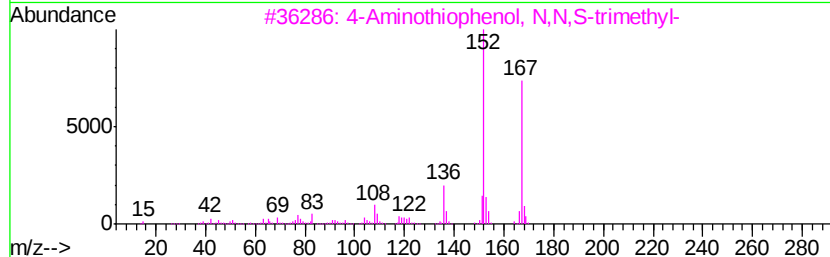
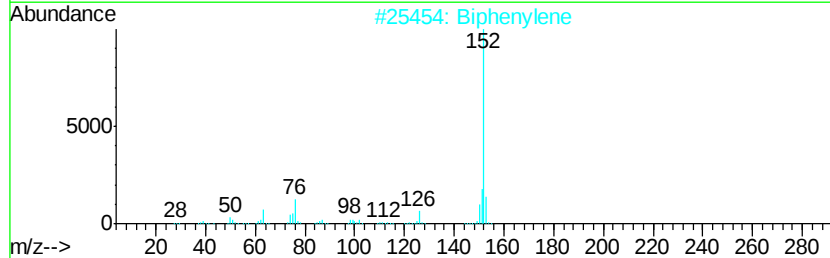
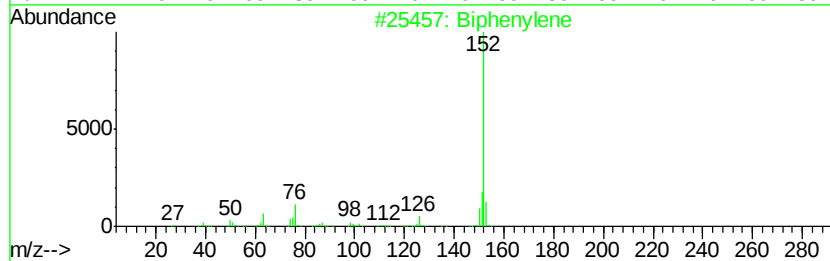
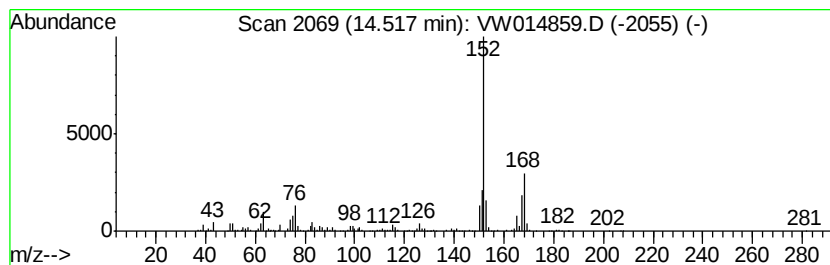
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Quant Title : VOC Analysis

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

Peak Number 9 Biphenylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	6.04 ug/L	687084	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenylene	152	C12H8	000259-79-0	64
2		Biphenylene	152	C12H8	000259-79-0	64
3		4-Aminothiophenol, N,N,S-trimethyl-	167	C9H13NS	1000353-07-7	59
4		Acenaphthylene	152	C12H8	000208-96-8	55
5		Acenaphthylene	152	C12H8	000208-96-8	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014859.D
Acq On : 04 Feb 2020 14:28
Operator : SY/VA
Sample : L1323-15
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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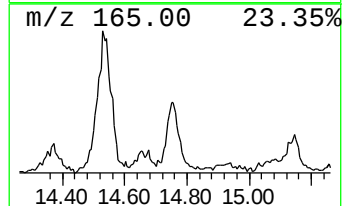
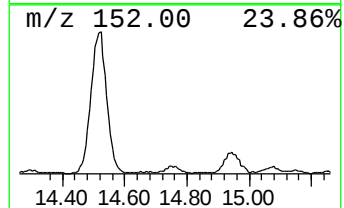
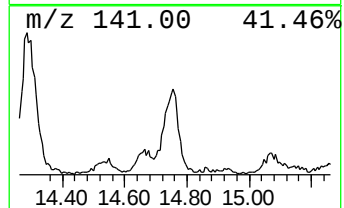
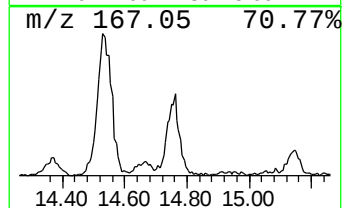
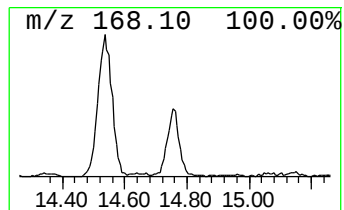
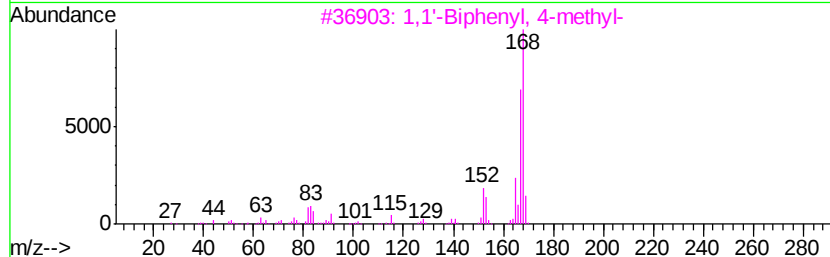
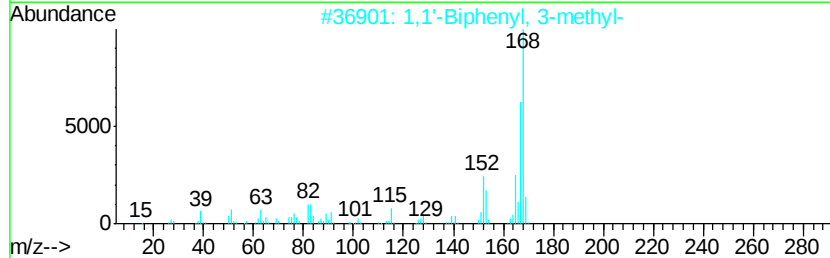
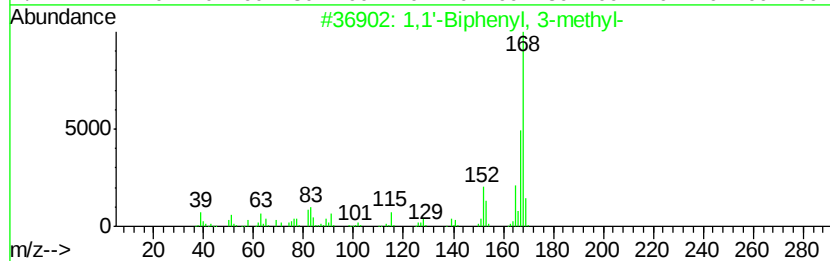
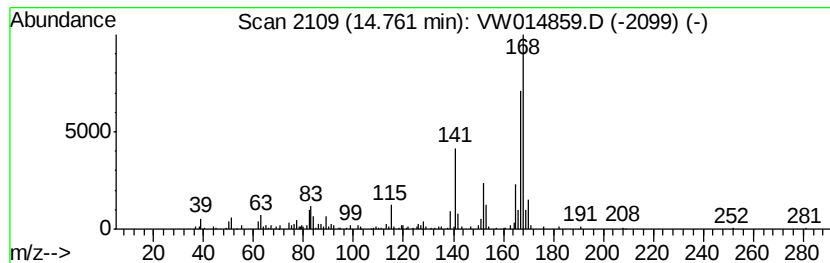
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Quant Title : VOC Analysis

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

Peak Number 10 1,1'-Biphenyl, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	1.63 ug/L	185017	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	78
2			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	70
3			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	64
4			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	60
5			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014859.D
Acq On : 04 Feb 2020 14:28
Operator : SY/VA
Sample : L1323-15
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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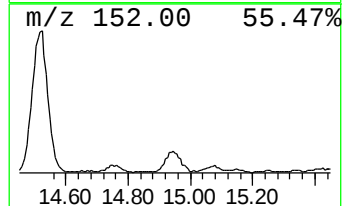
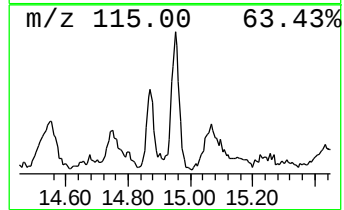
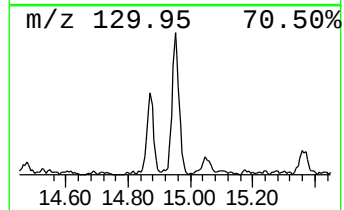
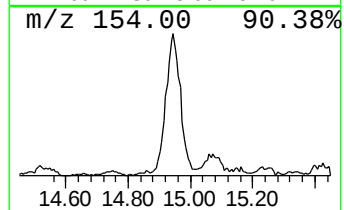
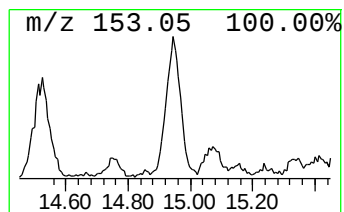
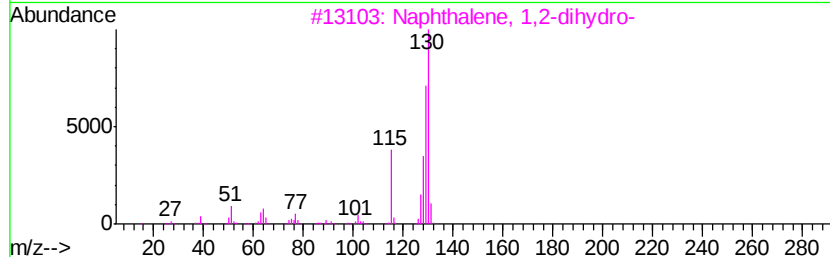
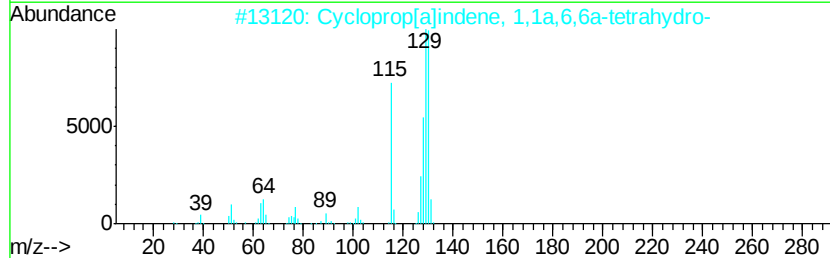
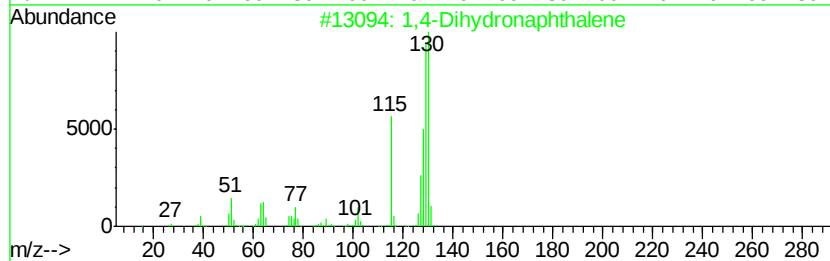
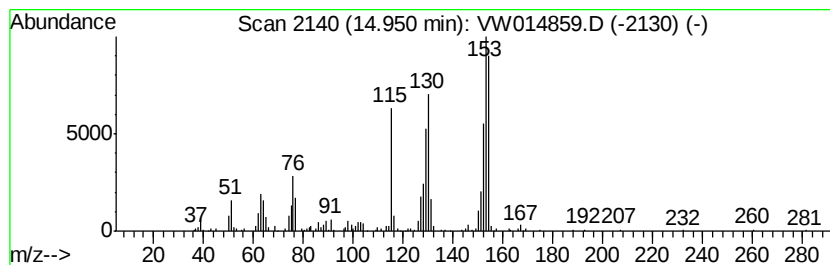
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Quant Title : VOC Analysis

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

Peak Number 11 1,4-Dihydronaphthalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.18 ug/L	248194	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	55
2		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	44
3		Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	43
4		1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	43
5		Benzene, (1-methylene-2-propenyl)-	130	C10H10	002288-18-8	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014859.D
Acq On : 04 Feb 2020 14:28
Operator : SY/VA
Sample : L1323-15
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampled :
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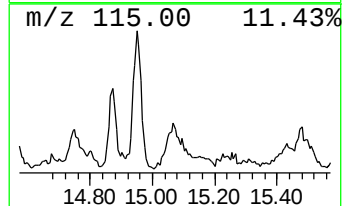
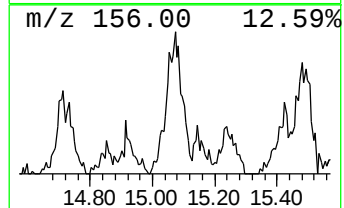
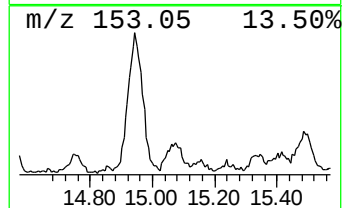
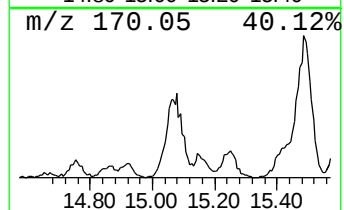
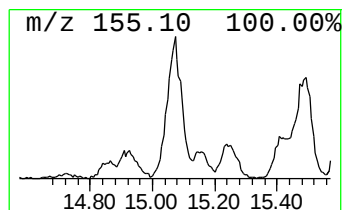
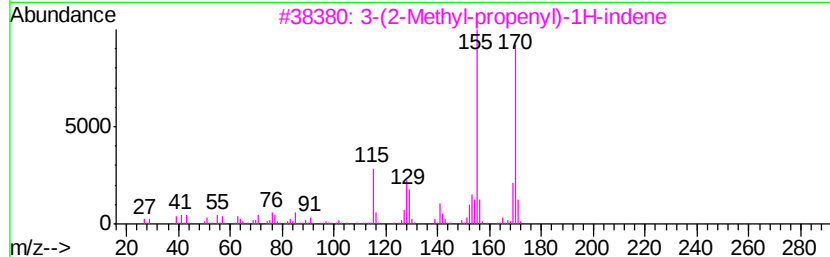
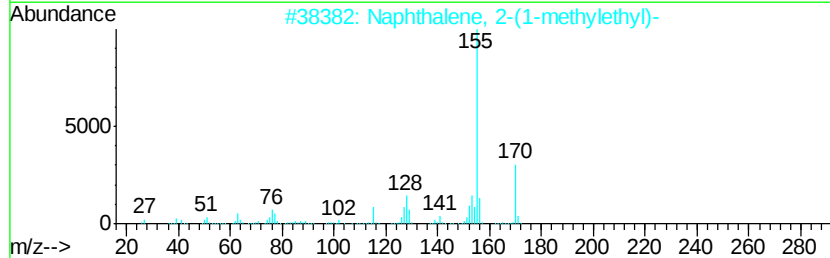
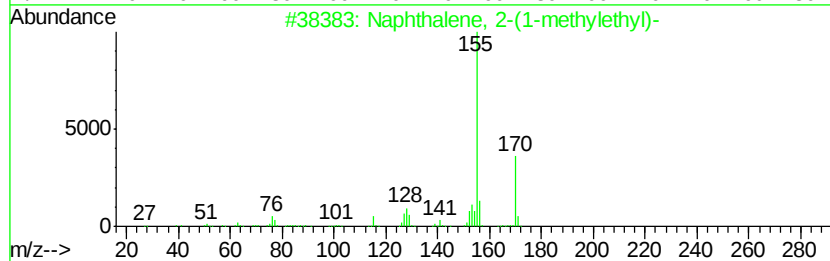
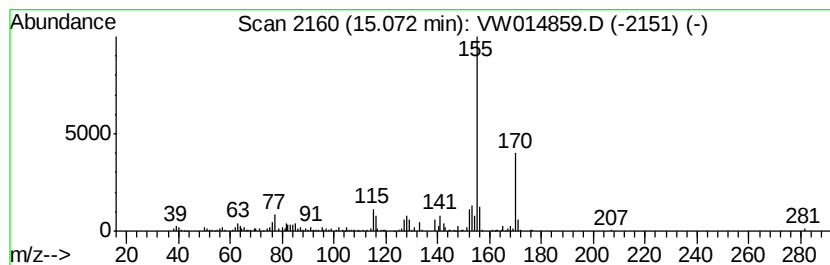
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Quant Title : VOC Analysis

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

Peak Number 12 Naphthalene, 2-(1-methylethyl) Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.04 ug/L	231611	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	97
2		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
5		Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014859.D
Acq On : 04 Feb 2020 14:28
Operator : SY/VA
Sample : L1323-15
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

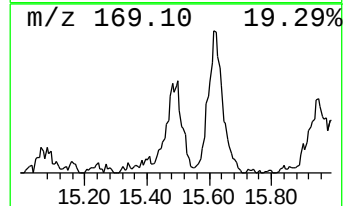
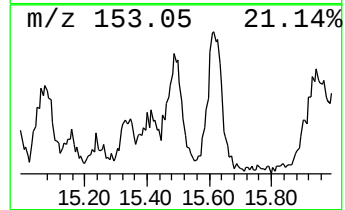
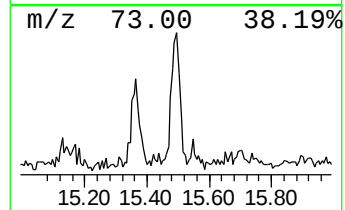
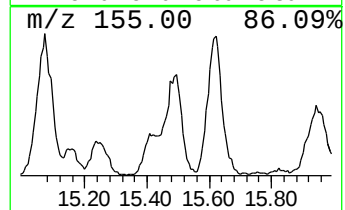
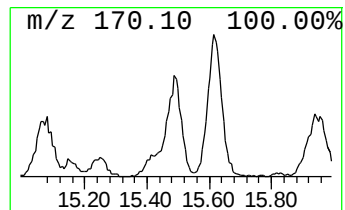
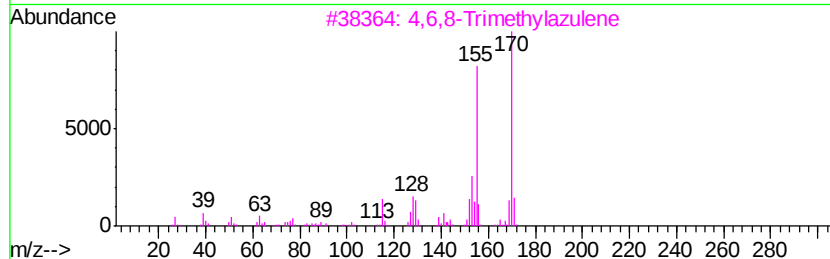
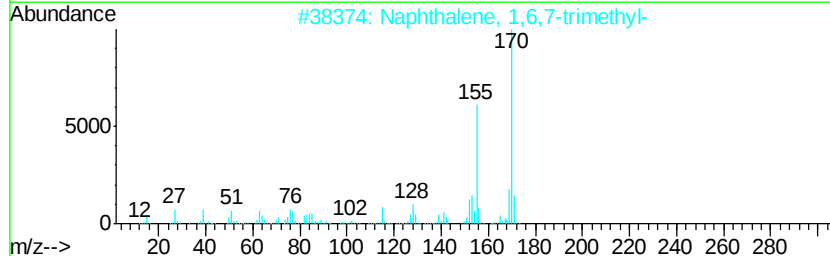
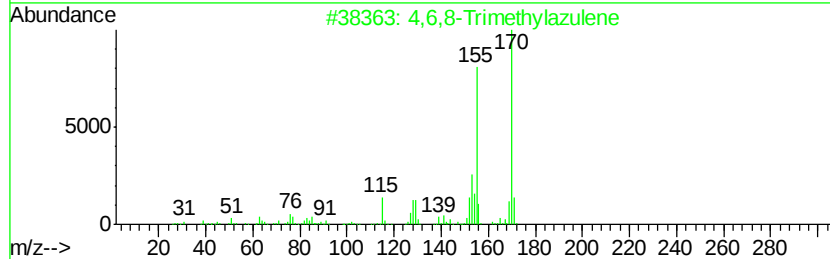
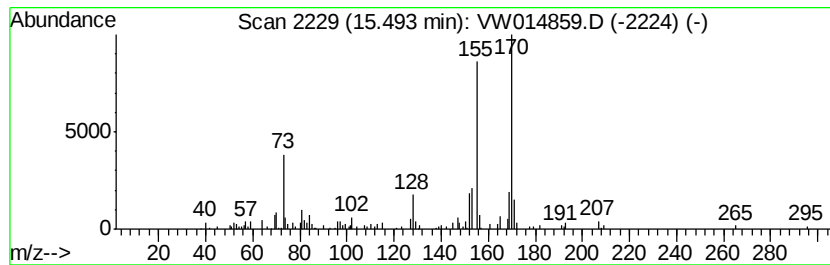
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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

Peak Number 14 4,6,8-Trimethylazulene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	1.76 ug/L	200177	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	4,6,8-Trimethylazulene	170 C13H14	000941-81-1	76
2	Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7	70
3	4,6,8-Trimethylazulene	170 C13H14	000941-81-1	64
4	Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2	64
5	Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014859.D
Acq On : 04 Feb 2020 14:28
Operator : SY/VA
Sample : L1323-15
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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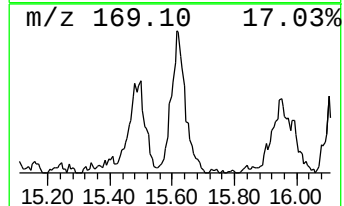
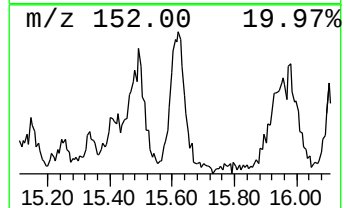
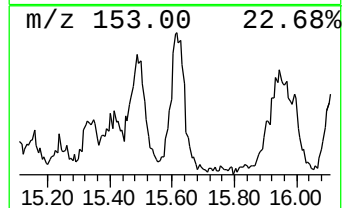
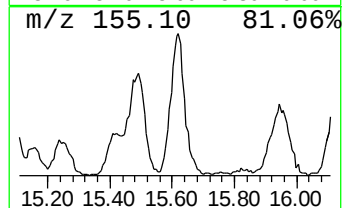
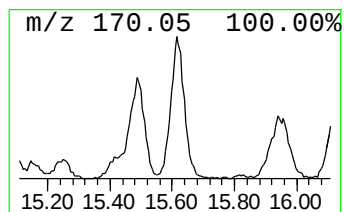
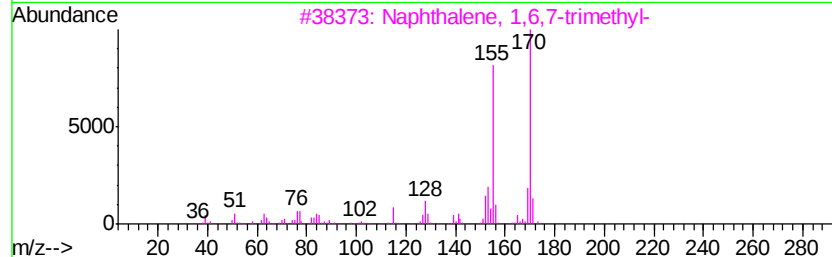
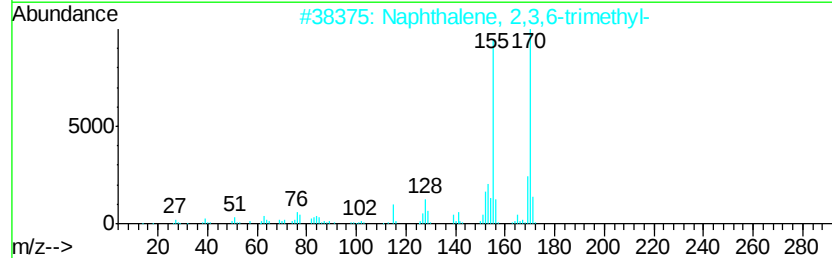
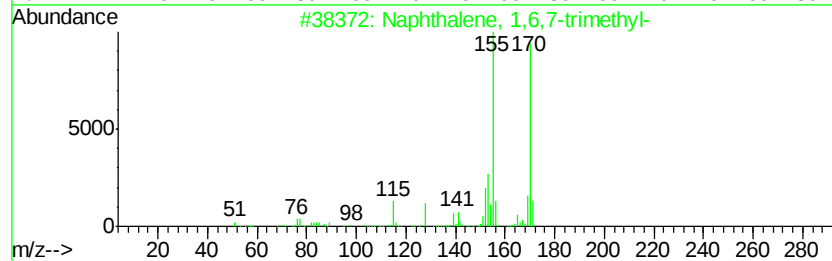
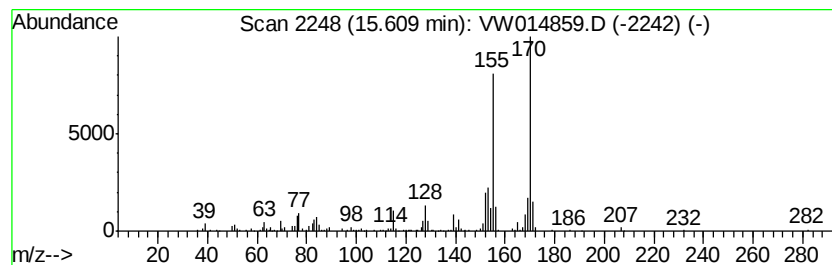
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Quant Title : VOC Analysis

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

Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	2.90 ug/L	330168	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014859.D
Acq On : 04 Feb 2020 14:28
Operator : SY/VA
Sample : L1323-15
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT53

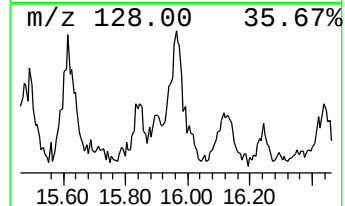
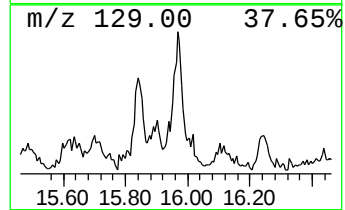
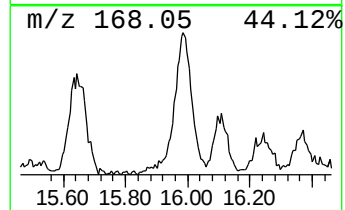
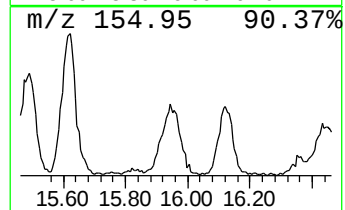
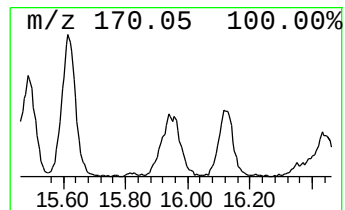
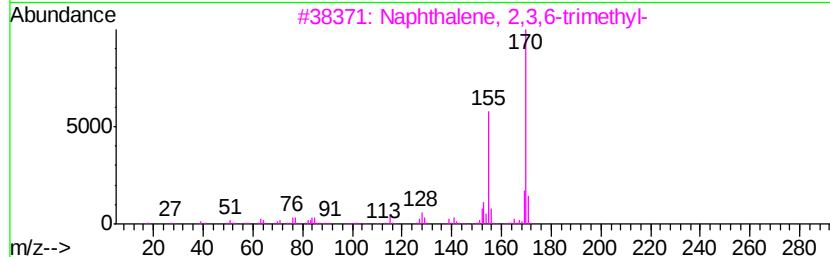
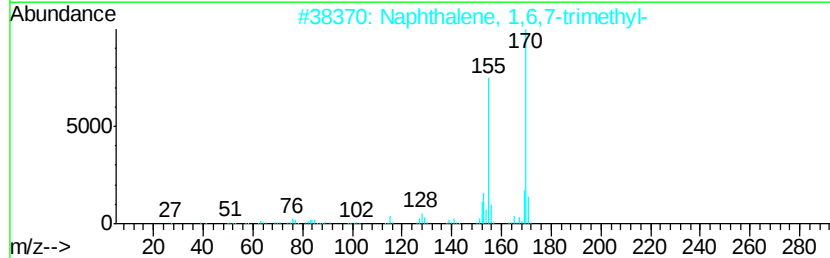
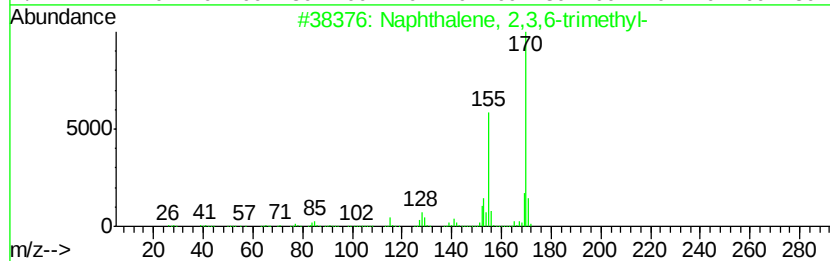
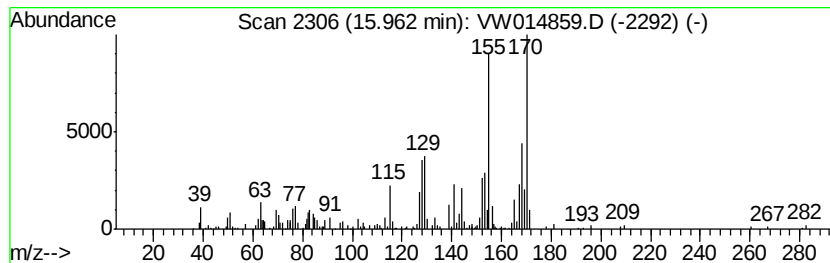
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Quant Title : VOC Analysis

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

Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	2.86 ug/L	325367	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	68
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	58
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	58
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014859.D
Acq On : 04 Feb 2020 14:28
Operator : SY/VA
Sample : L1323-15
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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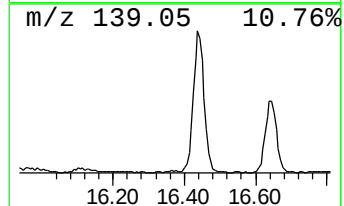
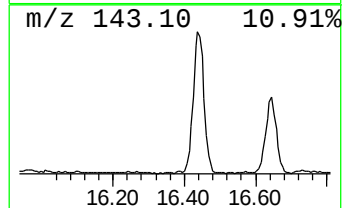
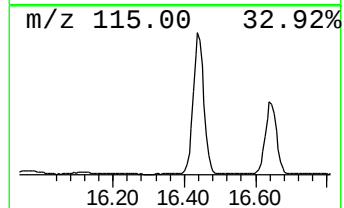
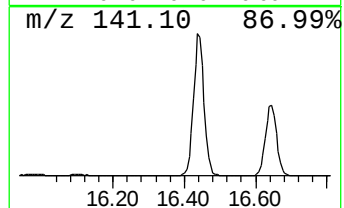
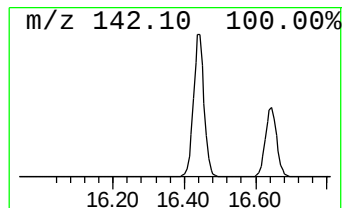
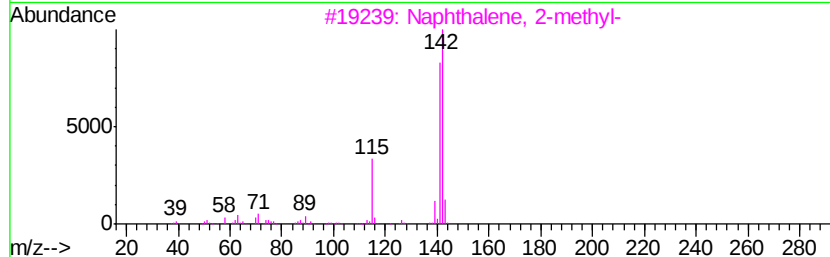
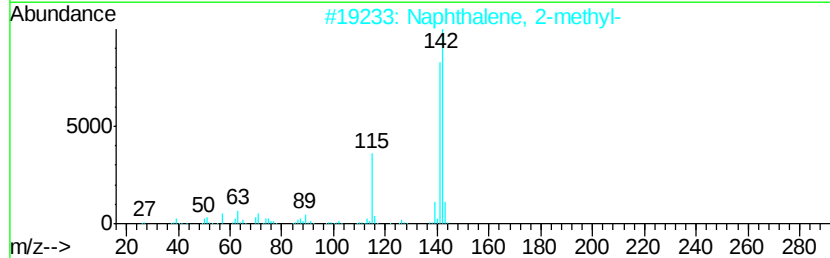
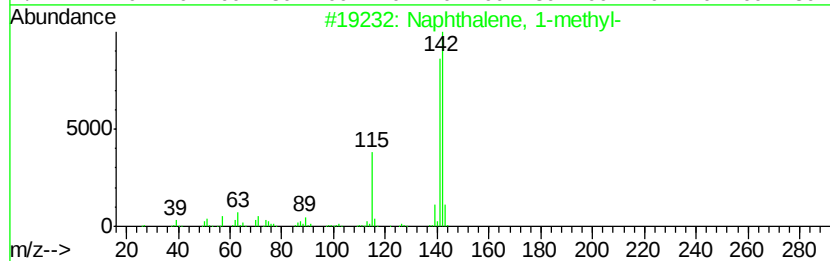
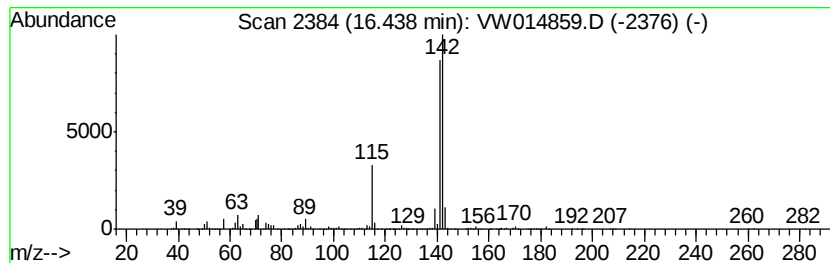
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Quant Title : VOC Analysis

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

Peak Number 18 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	16.87 ug/L	1917600	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020420\
 Data File : VW014859.D
 Acq On : 04 Feb 2020 14:28
 Operator : SY/VA
 Sample : L1323-15
 Misc : 5.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT53

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.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
Ethyl Acetate	7.25	3.4	ug/L	354793	1	8.84	2649410	25.0
Naphthalene, 1,6-...	12.87	9.9	ug/L	1122720	3	13.55	2842460	25.0
Naphthalene, 1,3-...	13.30	12.3	ug/L	1396770	3	13.55	2842460	25.0
Naphthalene, 1,5-...	13.44	6.3	ug/L	711098	3	13.55	2842460	25.0
Naphthalene, 2-et...	13.71	1.7	ug/L	191335	3	13.55	2842460	25.0
Naphthalene, 1,8-...	13.94	3.2	ug/L	364549	3	13.55	2842460	25.0
Biphenylene	14.52	6.0	ug/L	687084	3	13.55	2842460	25.0
1,1'-Biphenyl, 3-...	14.76	1.6	ug/L	185017	3	13.55	2842460	25.0
1,4-Dihydronaphth...	14.95	2.2	ug/L	248194	3	13.55	2842460	25.0
Naphthalene, 2-(1...	15.07	2.0	ug/L	231611	3	13.55	2842460	25.0
4,6,8-Trimethylaz...	15.49	1.8	ug/L	200177	3	13.55	2842460	25.0
Naphthalene, 1,6,...	15.61	2.9	ug/L	330168	3	13.55	2842460	25.0
Naphthalene, 2,3,...	15.96	2.9	ug/L	325367	3	13.55	2842460	25.0
Naphthalene, 1-me...	16.44	16.9	ug/L	1917600	3	13.55	2842460	25.0