

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
 Data File : VW017188.D
 Acq On : 12 Nov 2020 16:32
 Operator : SY/VA
 Sample : L4727-03
 Misc : 5.16G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB8

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\SOM2WLM110420S.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	2.154	37	41	42	rBV2	1176	1440	0.09%	0.007%
2	2.355	68	74	86	rVB	102612	199001	12.09%	0.982%
3	2.629	117	119	122	rBV4	1409	1926	0.12%	0.010%
4	2.891	153	162	176	rBV	71653	185966	11.30%	0.918%
5	3.276	223	225	231	rBV3	476	722	0.04%	0.004%
6	3.324	231	233	235	rVB	445	360	0.02%	0.002%
7	3.373	238	241	243	rBV3	820	1230	0.07%	0.006%
8	3.550	265	270	274	rVV4	861	1632	0.10%	0.008%
9	3.605	277	279	282	rVV	336	316	0.02%	0.002%
10	3.684	287	292	293	rVV3	445	683	0.04%	0.003%
11	3.696	293	294	297	rVV3	673	534	0.03%	0.003%
12	3.733	297	300	303	rVB3	269	331	0.02%	0.002%
13	4.019	335	347	373	rBV	146701	481096	29.22%	2.374%
14	4.202	375	377	379	rVB2	538	313	0.02%	0.002%
15	4.373	401	405	406	rBV2	801	1019	0.06%	0.005%
16	4.922	482	495	513	rBV3	19974	73416	4.46%	0.362%
17	5.044	513	515	517	rVB3	415	330	0.02%	0.002%
18	5.092	521	523	524	rBV	356	335	0.02%	0.002%
19	5.739	627	629	631	rVV	349	370	0.02%	0.002%
20	5.940	652	662	672	rBV4	7423	22231	1.35%	0.110%
21	6.623	769	774	776	rVB2	268	355	0.02%	0.002%
22	6.921	820	823	825	rBV2	236	338	0.02%	0.002%
23	7.080	840	849	853	rBV	31842	84069	5.11%	0.415%
24	7.141	855	859	873	rVB	36343	93003	5.65%	0.459%
25	7.403	900	902	907	rBV2	311	466	0.03%	0.002%
26	7.537	922	924	927	rBV	295	368	0.02%	0.002%
27	7.653	931	943	956	rBV	239430	586197	35.60%	2.893%
28	7.793	961	966	968	rVB2	365	429	0.03%	0.002%
29	7.885	976	981	985	rBV3	487	797	0.05%	0.004%
30	7.945	985	991	1002	rVB4	1273	3061	0.19%	0.015%
31	8.275	1034	1045	1061	rBV2	460126	1362492	82.76%	6.723%
32	8.634	1099	1104	1109	rBV2	526	715	0.04%	0.004%
33	8.695	1111	1114	1118	rVB3	543	643	0.04%	0.003%
34	8.848	1129	1139	1150	rBV	446175	898109	54.55%	4.432%

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35	9.085	1169	1178	1182	rBV7	1735	3821	0.23%	0.019%
36	9.274	1197	1209	1218	rBV	299170	603457	36.65%	2.978%
37	9.659	1269	1272	1273	rBV3	478	549	0.03%	0.003%
38	9.677	1273	1275	1278	rVB2	548	503	0.03%	0.002%
39	9.762	1283	1289	1296	rBV3	2463	4910	0.30%	0.024%
40	9.890	1303	1310	1320	rBV3	5470	11839	0.72%	0.058%
41	10.037	1324	1334	1347	rBV	152152	272828	16.57%	1.346%
42	10.134	1347	1350	1353	rVV4	745	1024	0.06%	0.005%
43	10.213	1358	1363	1366	rBV2	3632	5706	0.35%	0.028%
44	10.250	1367	1369	1373	rVB	2143	2578	0.16%	0.013%
45	10.323	1373	1381	1389	rBV	626662	1096792	66.62%	5.412%
46	10.390	1389	1392	1398	rVB	7506	11834	0.72%	0.058%
47	10.482	1405	1407	1408	rBV	448	346	0.02%	0.002%
48	10.512	1408	1412	1416	rVB5	1234	2035	0.12%	0.010%
49	10.579	1416	1423	1436	rBV	91205	160812	9.77%	0.794%
50	10.707	1436	1444	1451	rVB	47157	85086	5.17%	0.420%
51	10.774	1451	1455	1459	rVB6	1397	2307	0.14%	0.011%
52	10.866	1462	1470	1473	rBV6	4210	7470	0.45%	0.037%
53	10.927	1473	1480	1495	rBV	129082	213735	12.98%	1.055%
54	11.067	1496	1503	1513	rBV	32601	55360	3.36%	0.273%
55	11.170	1518	1520	1525	rVV5	1331	1965	0.12%	0.010%
56	11.238	1526	1531	1535	rVV4	1668	2842	0.17%	0.014%
57	11.286	1537	1539	1542	rVB4	532	453	0.03%	0.002%
58	11.335	1542	1547	1552	rBV3	1444	2106	0.13%	0.010%
59	11.439	1558	1564	1571	rVB2	20615	35231	2.14%	0.174%
60	11.506	1573	1575	1577	rBV2	451	433	0.03%	0.002%
61	11.634	1588	1596	1605	rBV	539234	909691	55.25%	4.489%
62	11.841	1625	1630	1633	rBV4	3392	6056	0.37%	0.030%
63	11.975	1648	1652	1655	rBV6	2290	3696	0.22%	0.018%
64	12.140	1671	1679	1691	rBV6	7014	24694	1.50%	0.122%
65	12.237	1691	1695	1701	rVB6	3584	7706	0.47%	0.038%
66	12.359	1707	1715	1722	rBV7	10094	32032	1.95%	0.158%
67	12.609	1750	1756	1762	rVB	60663	103443	6.28%	0.510%
68	12.695	1762	1770	1777	rBV	218012	369701	22.46%	1.824%
69	12.780	1779	1784	1791	rVB4	36580	65486	3.98%	0.323%
70	12.865	1793	1798	1801	rBV5	9652	18927	1.15%	0.093%
71	12.945	1805	1811	1824	rVB	79188	172533	10.48%	0.851%

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72	13.103	1830	1837	1843	rVB	34989	70071	4.26%	0.346%
73	13.255	1857	1862	1866	rBV	54290	93679	5.69%	0.462%
74	13.384	1879	1883	1887	rBV	17346	33780	2.05%	0.167%
75	13.444	1889	1893	1897	rVB3	28789	48030	2.92%	0.237%
76	13.560	1906	1912	1921	rBV	342175	574937	34.92%	2.837%
77	13.701	1931	1935	1939	rBV4	35843	61282	3.72%	0.302%
78	13.755	1939	1944	1946	rVV2	66881	113228	6.88%	0.559%
79	13.786	1946	1949	1954	rVV	117669	196947	11.96%	0.972%
80	13.853	1955	1960	1969	rVB	333550	686648	41.71%	3.388%
81	14.011	1982	1986	1989	rBV2	124731	203170	12.34%	1.003%
82	14.097	1997	2000	2007	rVB	168219	260316	15.81%	1.285%
83	14.164	2007	2011	2013	rBV2	32503	49686	3.02%	0.245%
84	14.207	2013	2018	2022	rBV2	145916	235045	14.28%	1.160%
85	14.335	2035	2039	2043	rBV3	68561	112760	6.85%	0.556%
86	14.383	2043	2047	2050	rVV2	129033	211149	12.82%	1.042%
87	14.420	2050	2053	2056	rVV	190403	301339	18.30%	1.487%
88	14.456	2056	2059	2063	rVV	302211	436674	26.52%	2.155%
89	14.505	2063	2067	2069	rVV	92030	132002	8.02%	0.651%
90	14.548	2070	2074	2081	rVB3	213992	404566	24.57%	1.996%
91	14.688	2094	2097	2101	rBV2	121237	184113	11.18%	0.909%
92	14.731	2102	2104	2109	rVB2	130656	169999	10.33%	0.839%
93	14.792	2109	2114	2121	rBV2	510573	1177319	71.51%	5.810%
94	14.859	2122	2125	2129	rBV2	116350	207309	12.59%	1.023%
95	15.066	2154	2159	2163	rBV2	393257	792294	48.12%	3.910%
96	15.176	2172	2177	2184	rVB3	439126	936986	56.91%	4.624%
97	16.017	2310	2315	2321	rBV3	319073	812213	49.33%	4.008%
98	16.170	2336	2340	2349	rVB3	364989	707310	42.96%	3.490%
99	16.444	2380	2385	2390	rBV2	608444	1101802	66.92%	5.437%
100	16.639	2411	2417	2430	rVB4	576833	1646397	100.00%	8.124%

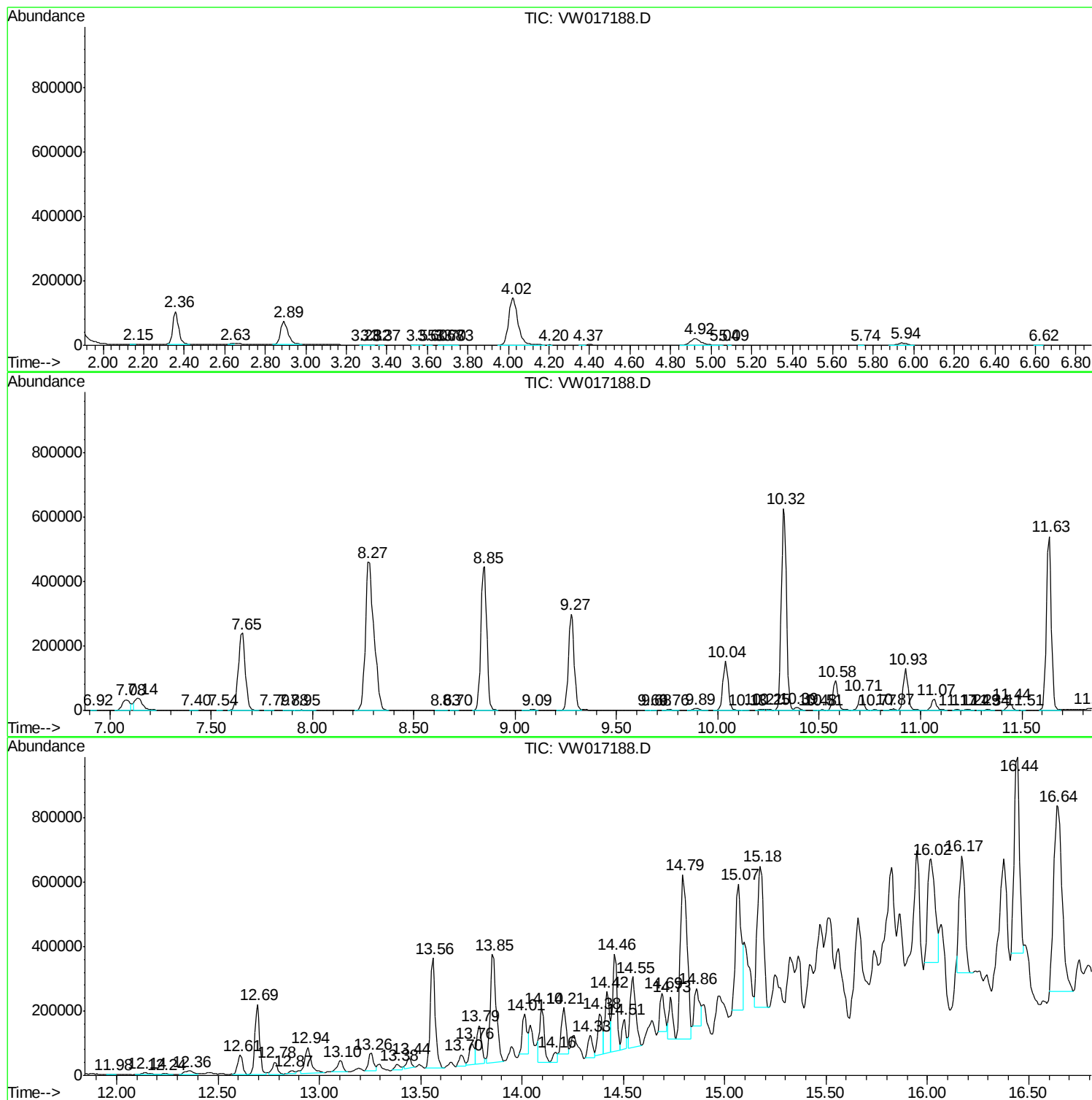
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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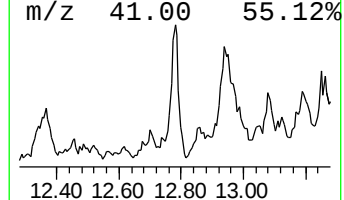
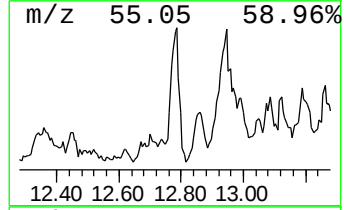
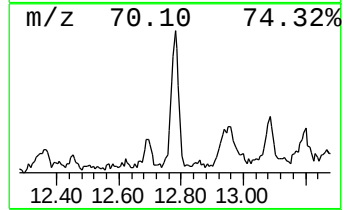
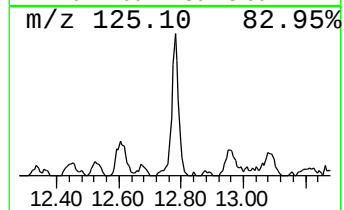
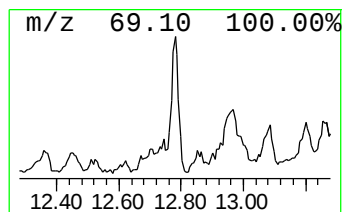
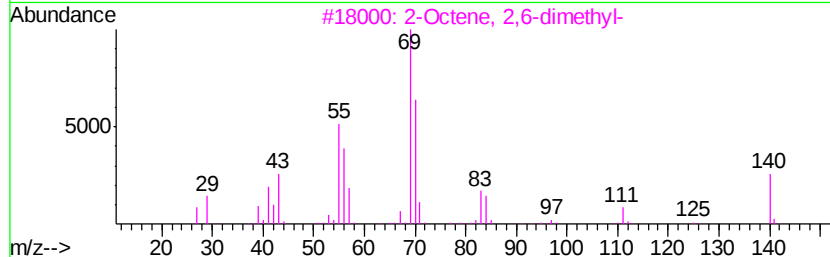
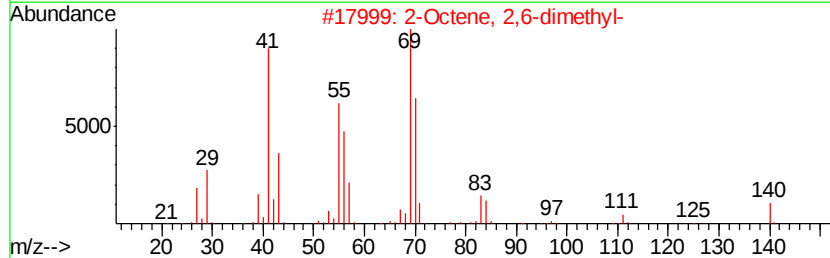
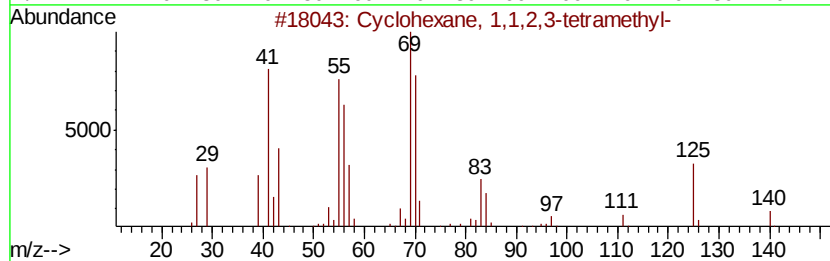
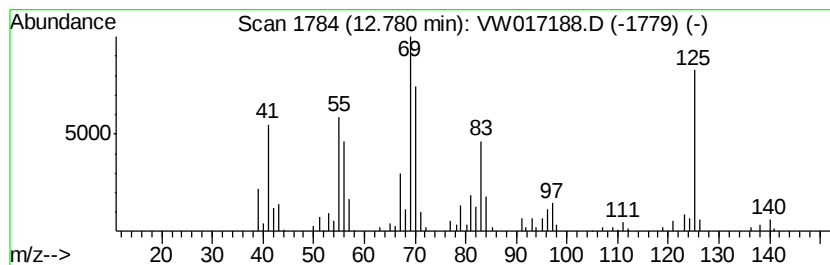
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic12.78 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	2.85 ug/L	65486	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	58
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	55
3		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	55
4		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	47
5		2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	30



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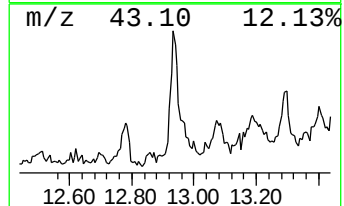
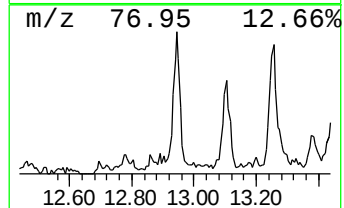
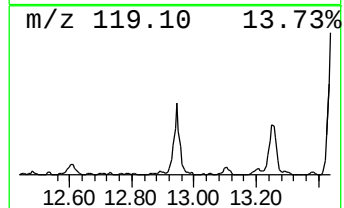
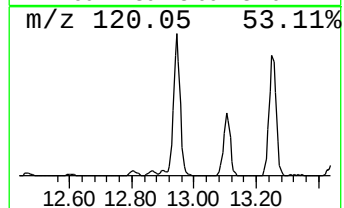
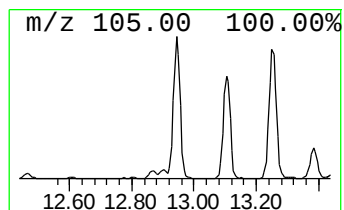
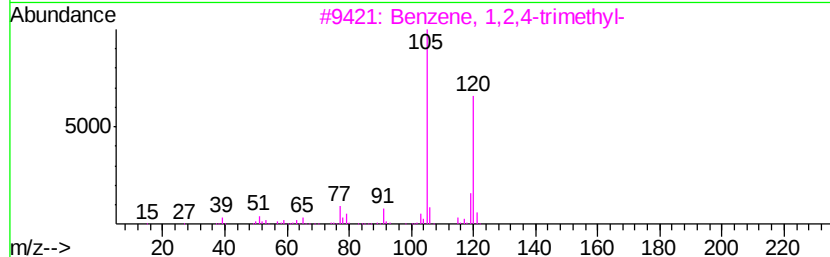
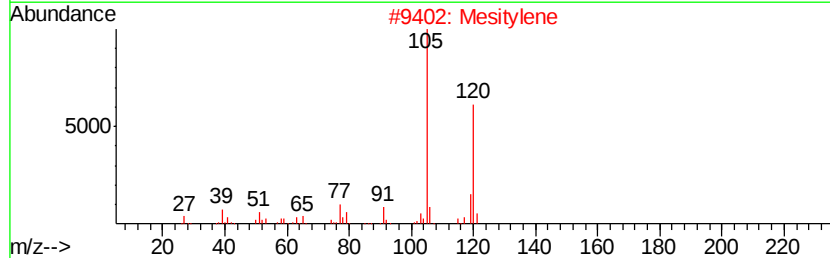
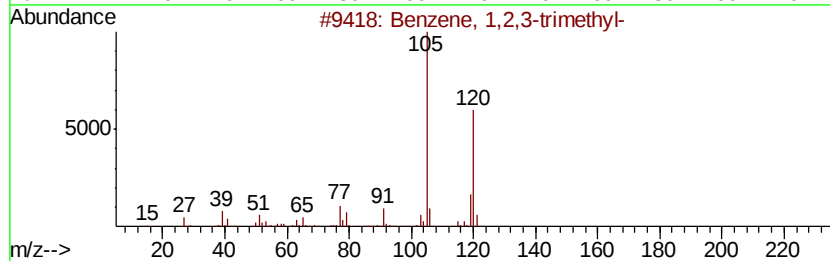
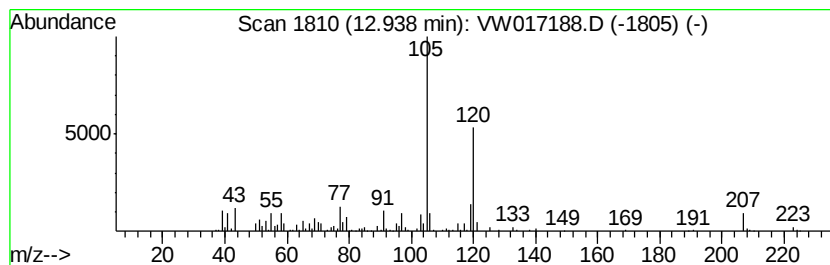
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	7.50 ug/L	172533	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Mesitylene	120	C9H12	000108-67-8	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	89



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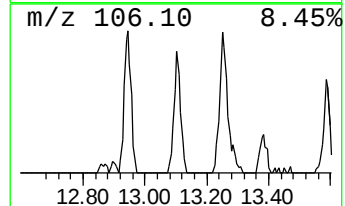
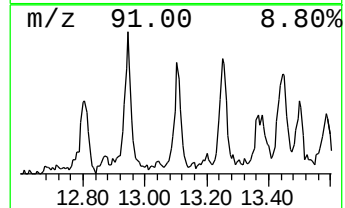
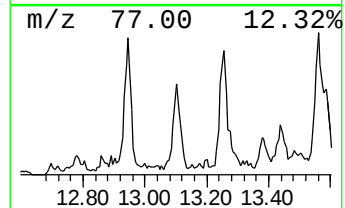
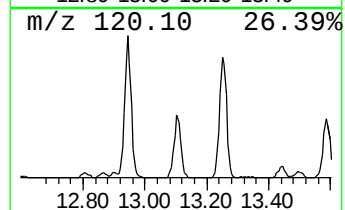
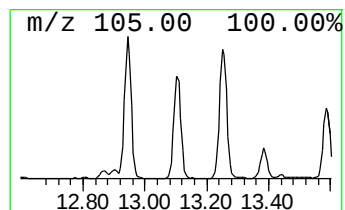
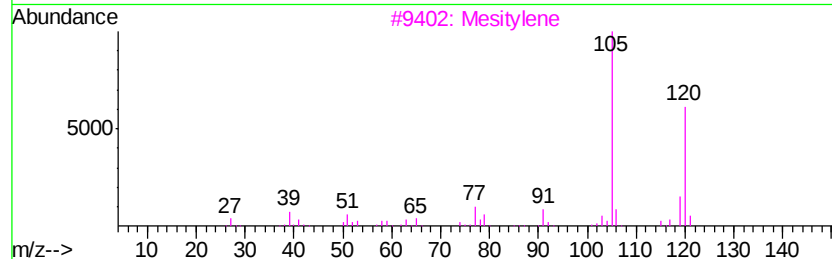
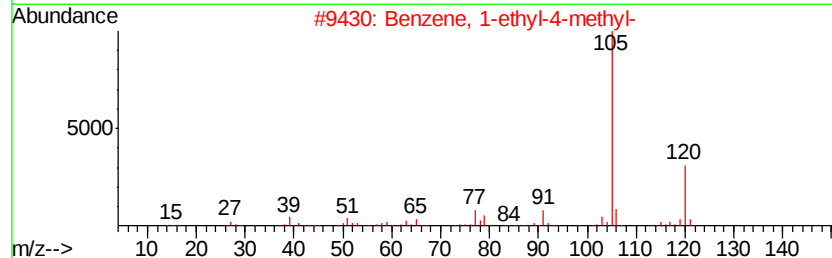
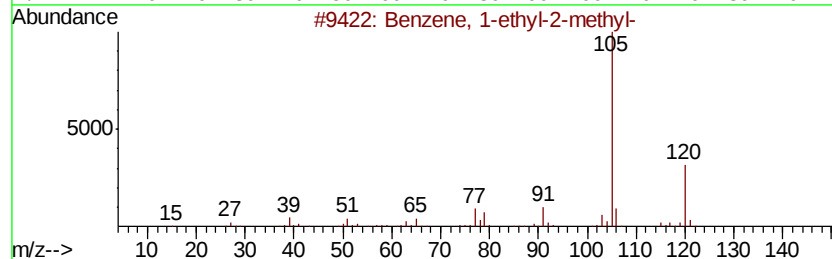
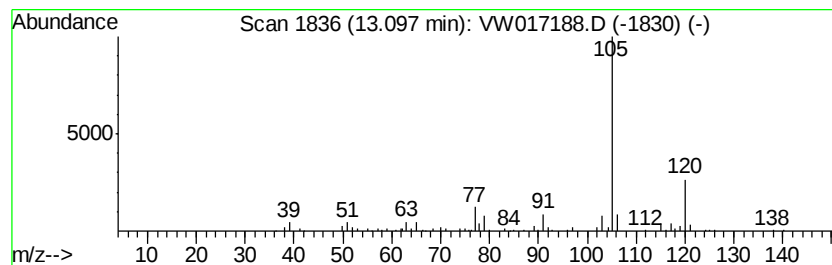
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TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	3.05 ug/L	70071	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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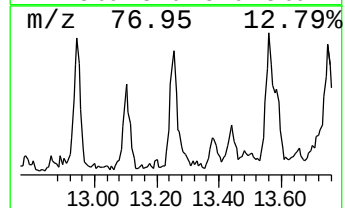
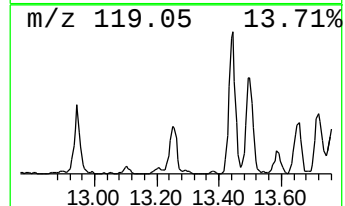
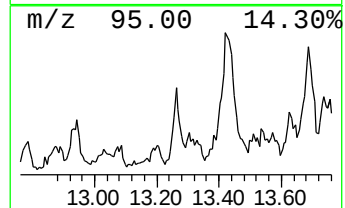
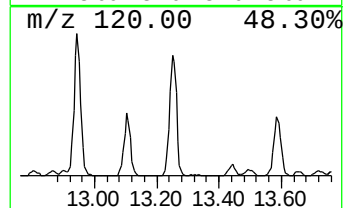
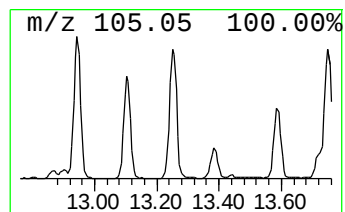
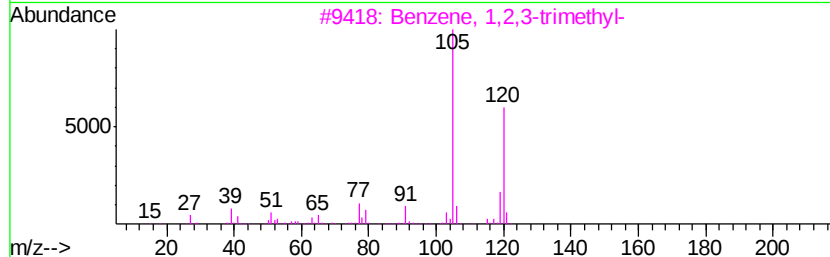
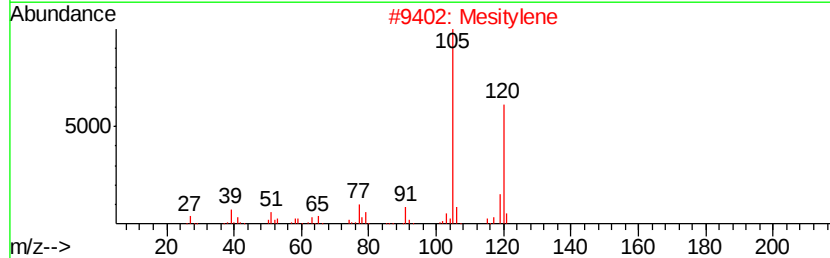
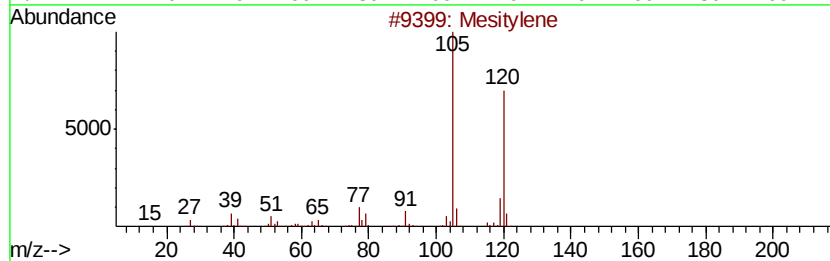
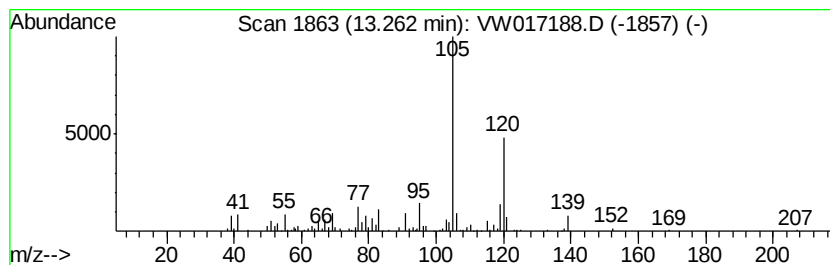
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Quant Title : VOC Analysis

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

Peak Number 9 Mesitylene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	4.07 ug/L	93679	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene		120	C9H12	000108-67-8	94
2	Mesitylene		120	C9H12	000108-67-8	94
3	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-		120	C9H12	000095-63-6	93
5	Benzene, 1,2,4-trimethyl-		120	C9H12	000095-63-6	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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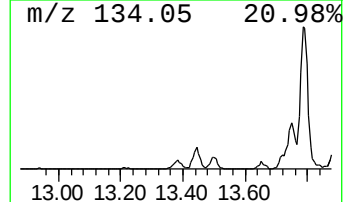
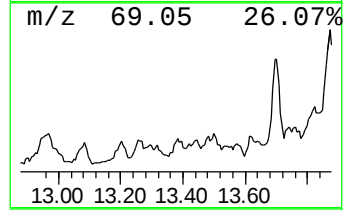
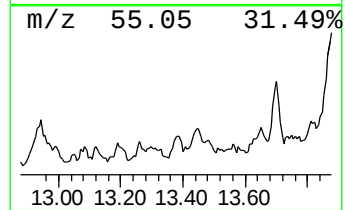
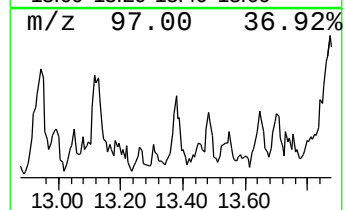
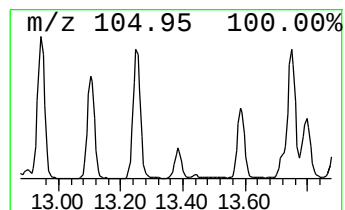
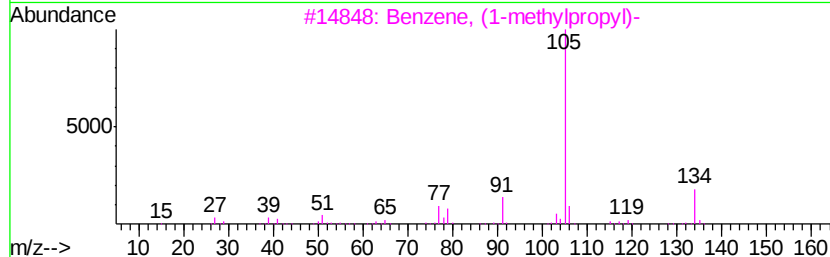
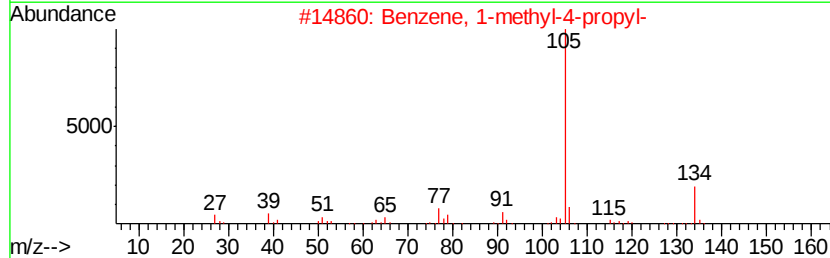
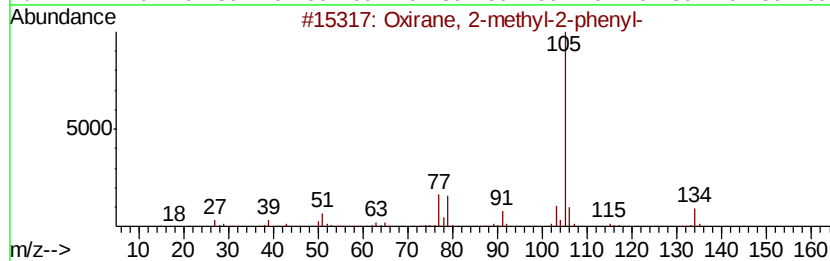
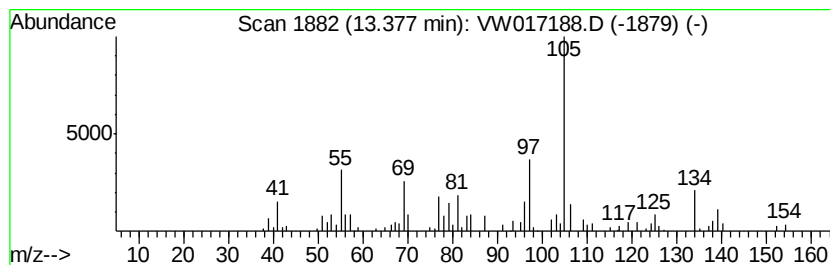
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Quant Title : VOC Analysis

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

Peak Number 10 unknown-01 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	1.47 ug/L	33780	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	46
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	43
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	43
4			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	43
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

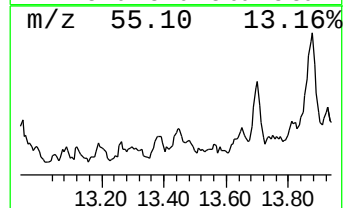
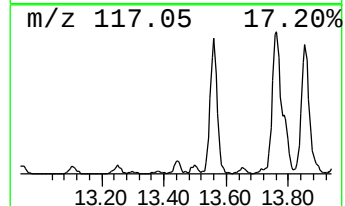
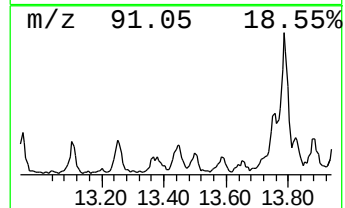
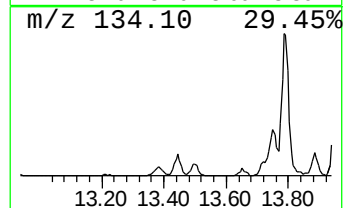
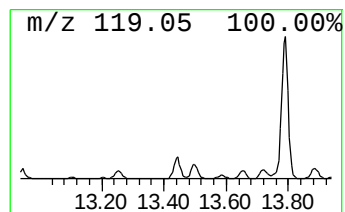
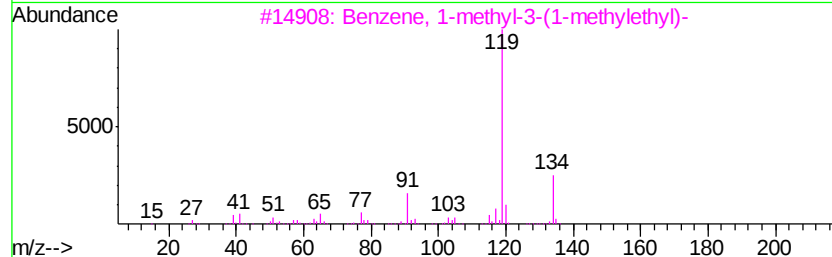
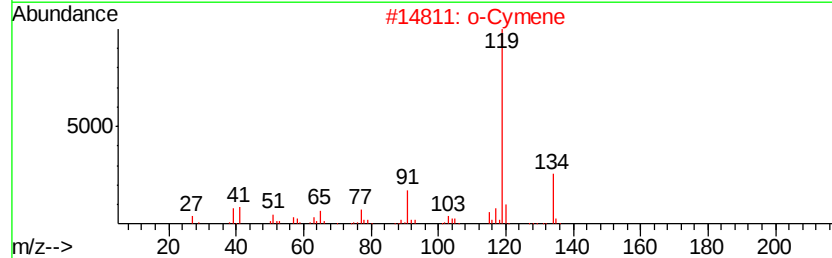
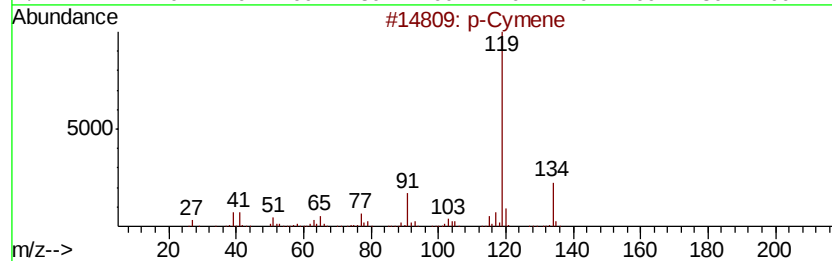
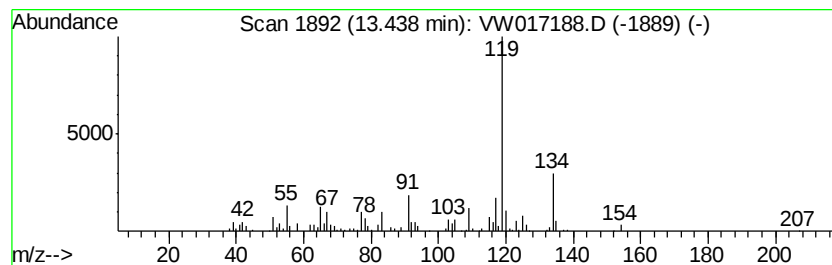
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 11 p-Cymene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	2.09 ug/L	48030	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	p-Cymene	134 C10H14	000099-87-6	94
2	o-Cymene	134 C10H14	000527-84-4	94
3	Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3	93
4	Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3	93
5	Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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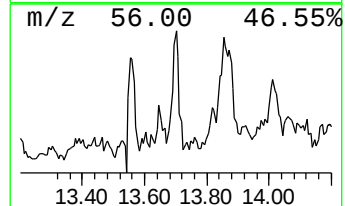
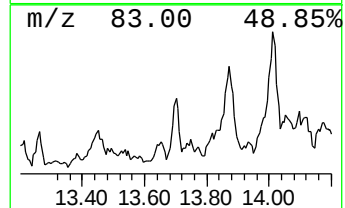
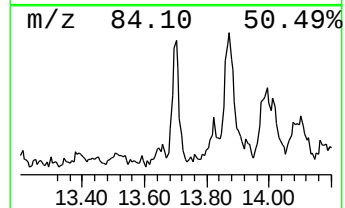
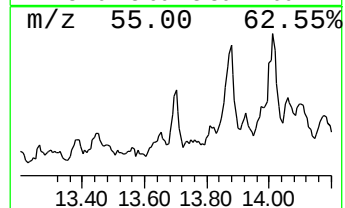
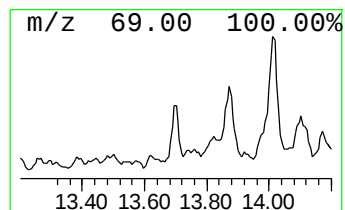
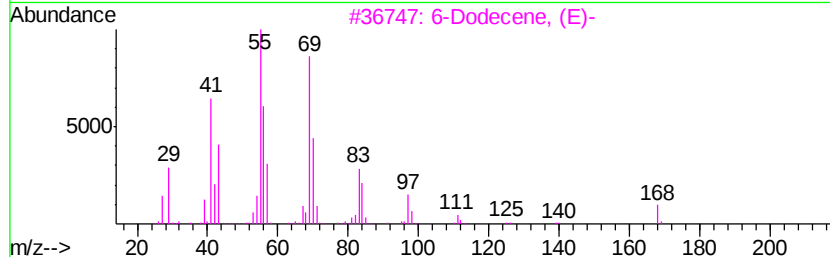
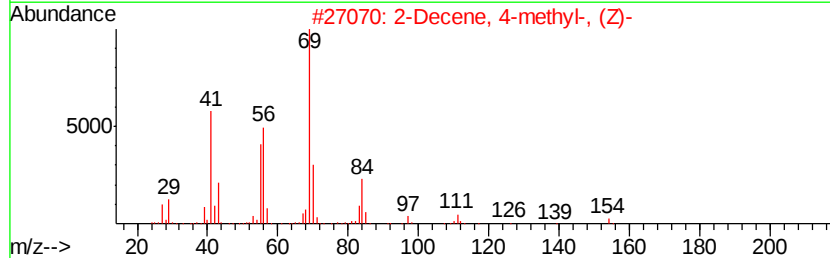
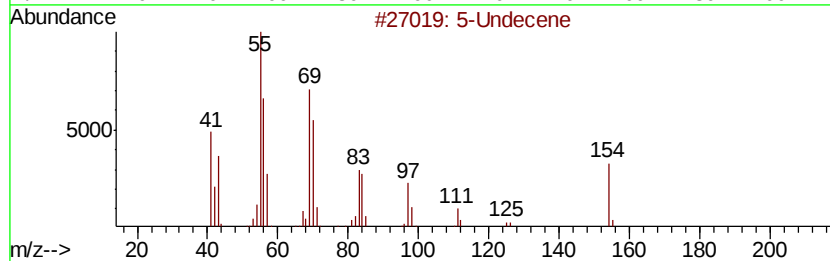
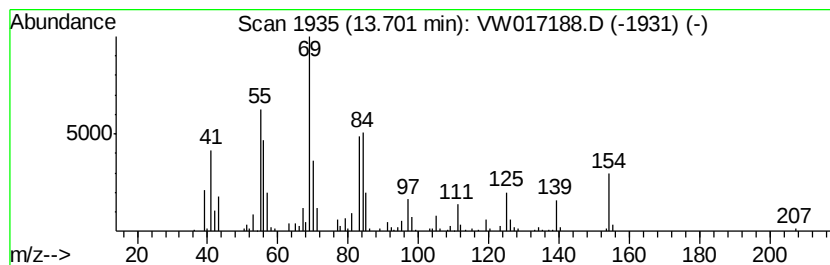
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	2.66 ug/L	61282	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecene	154	C11H22	004941-53-1	64
2		2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	47
3		6-Dodecene, (E)-	168	C12H24	007206-17-9	43
4		1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	43
5		Cyclooctane, 1,4-dimethyl-, cis-	140	C10H20	013151-99-0	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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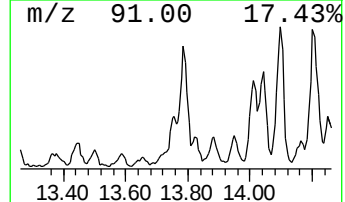
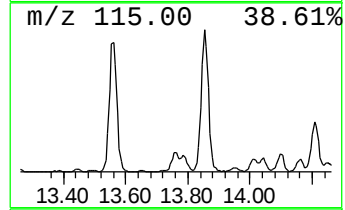
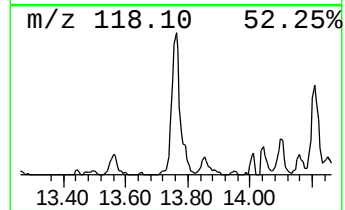
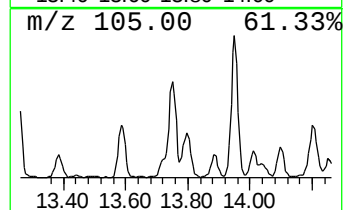
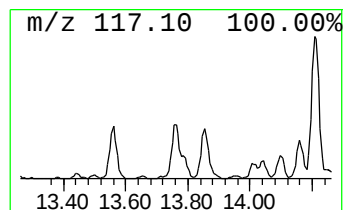
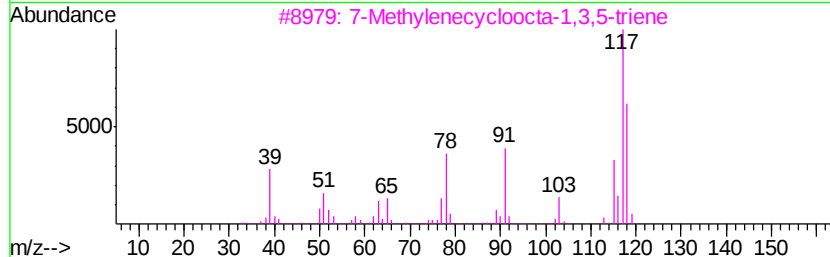
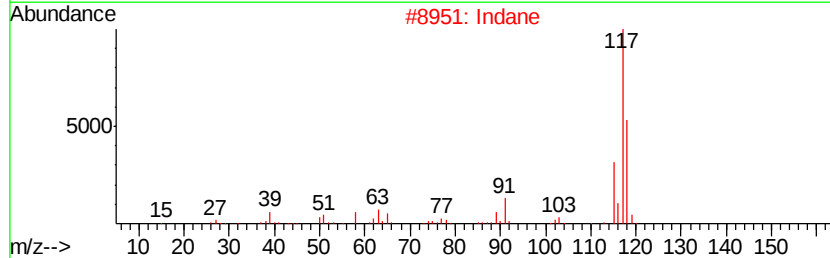
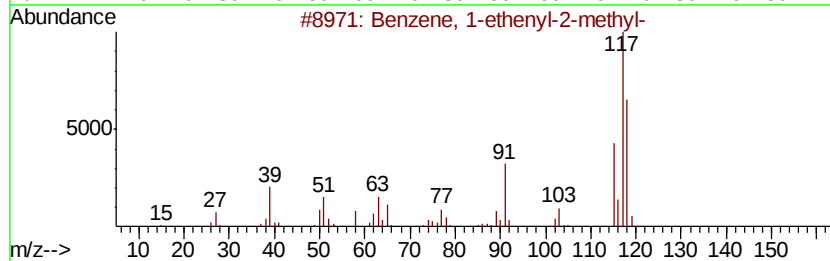
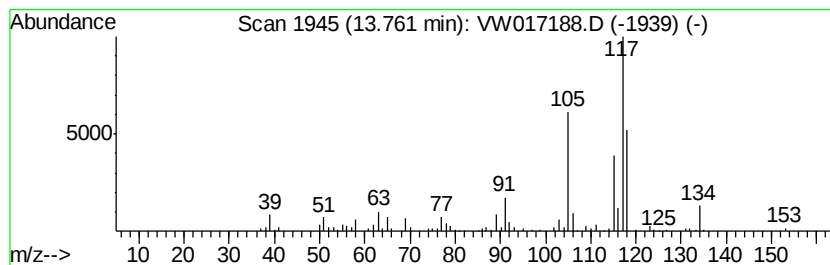
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 1-ethenyl-2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	4.92 ug/L	113228	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
2			Indane	118	C9H10	000496-11-7	60
3			7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	58
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	58
5			Benzene, cyclopropyl-	118	C9H10	000873-49-4	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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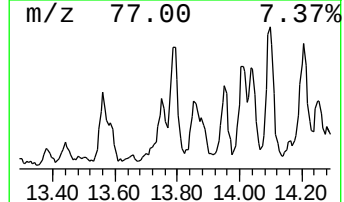
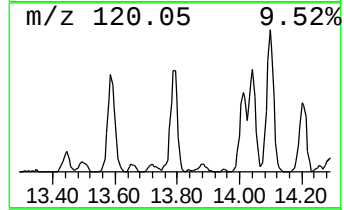
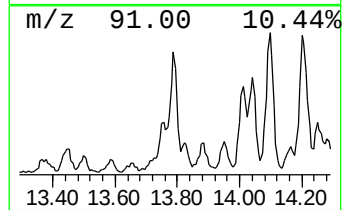
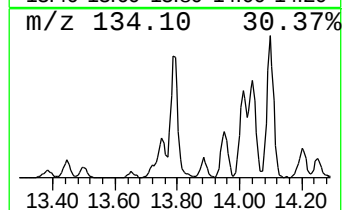
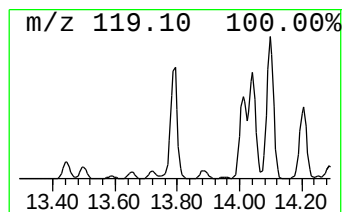
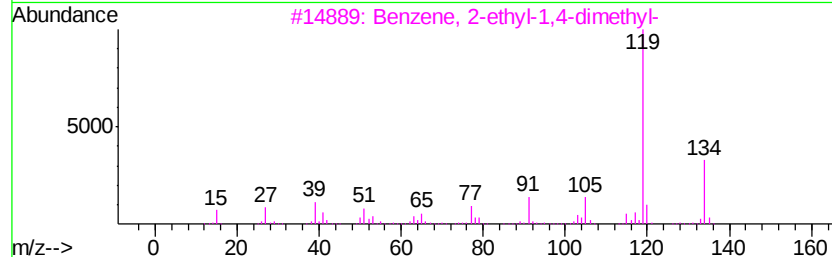
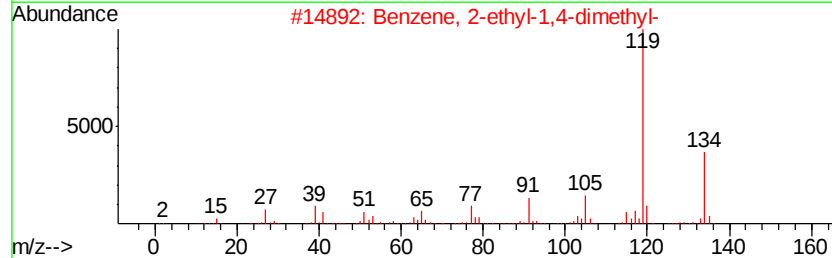
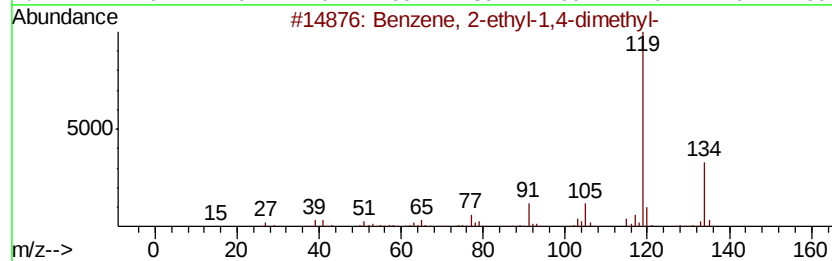
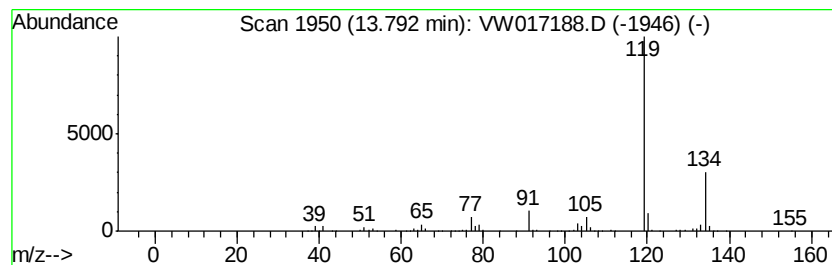
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Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	8.56 ug/L	196947	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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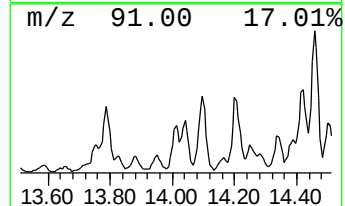
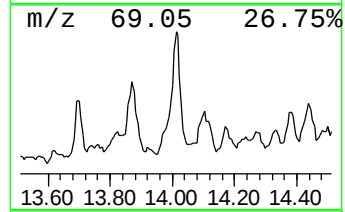
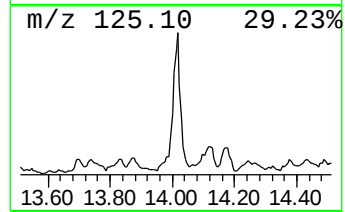
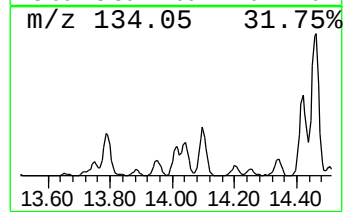
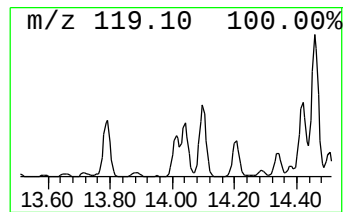
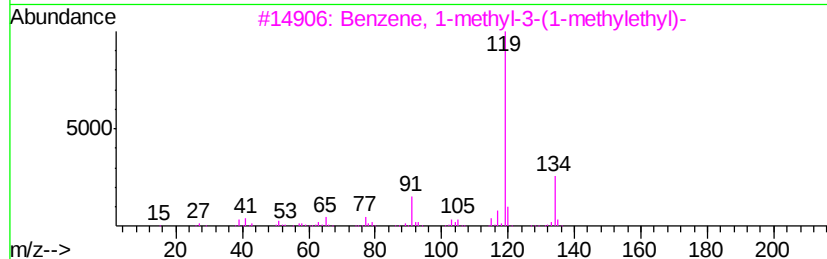
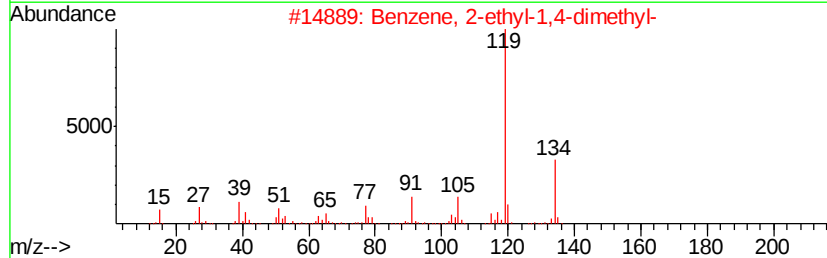
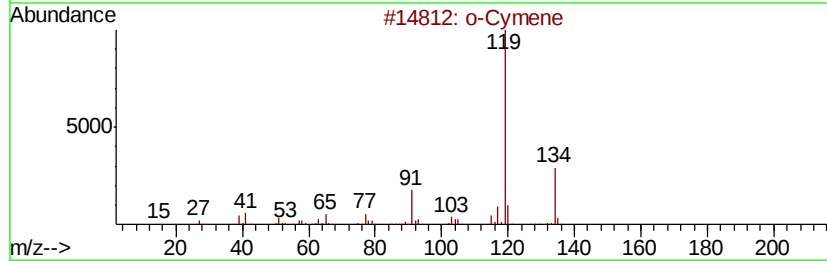
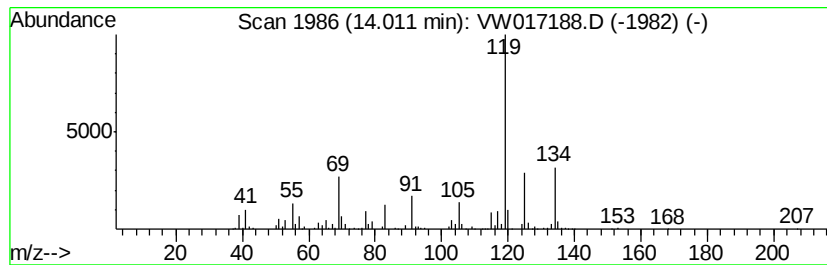
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Quant Title : VOC Analysis

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

Peak Number 15 o-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	8.83 ug/L	203170	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
4		p-Cymene	134	C10H14	000099-87-6	94
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8

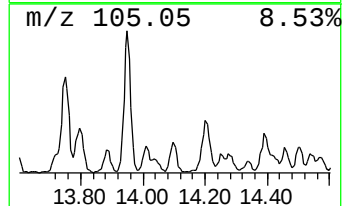
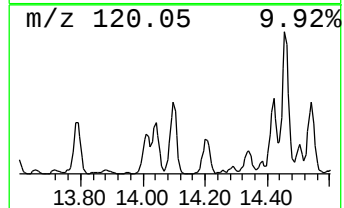
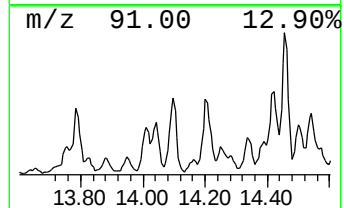
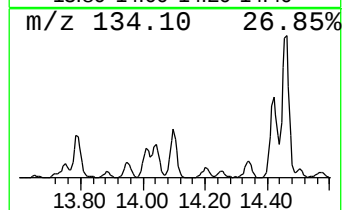
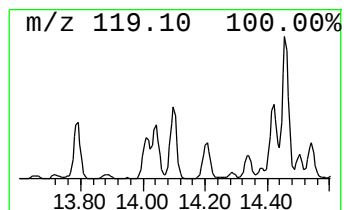
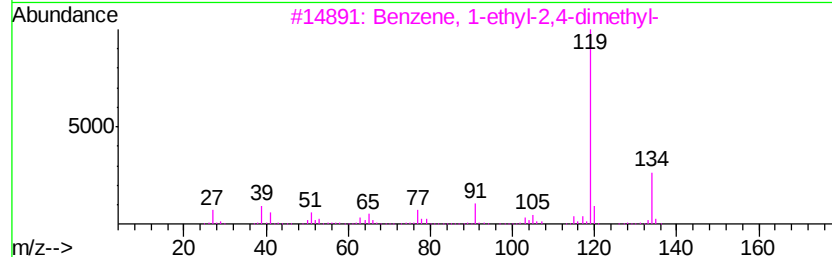
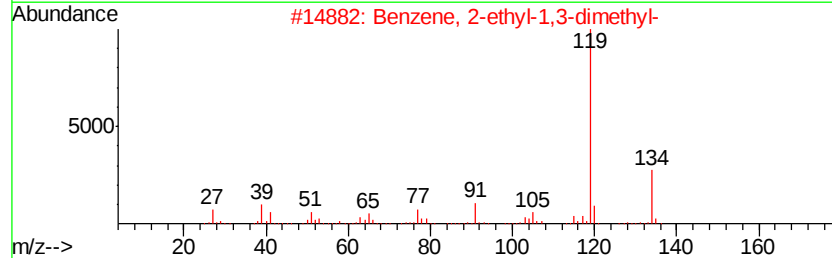
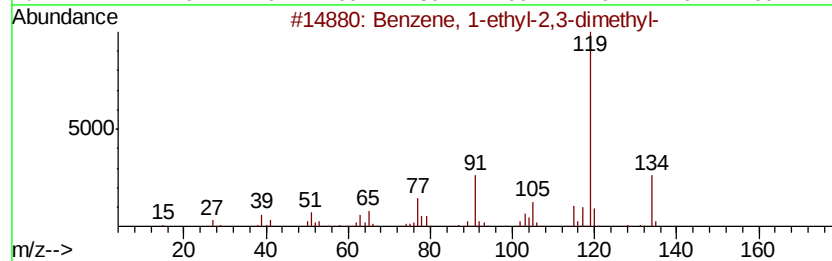
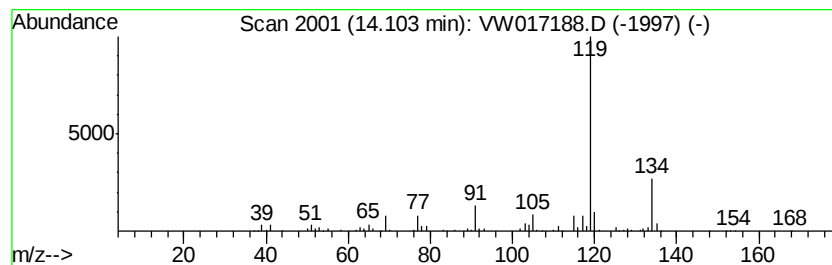
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	11.32 ug/L	260316	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8

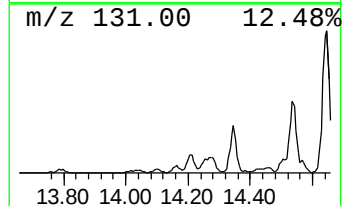
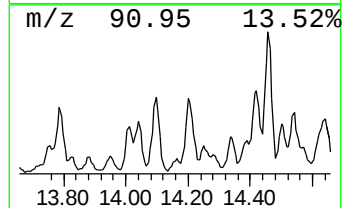
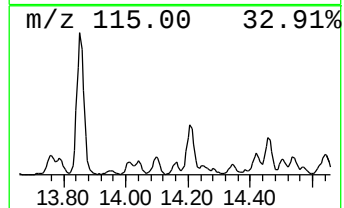
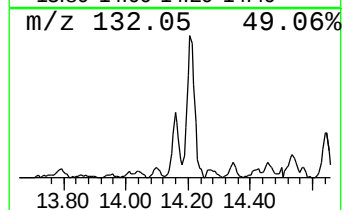
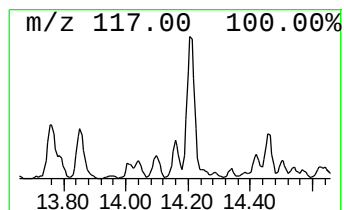
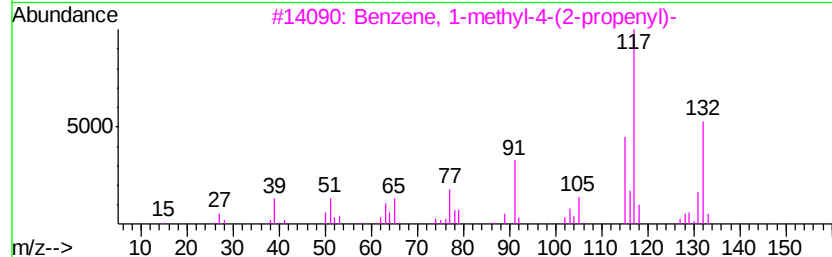
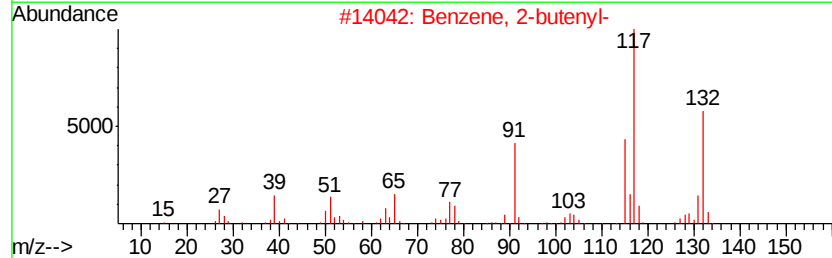
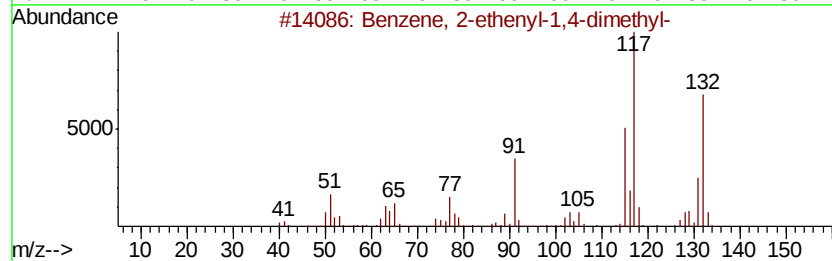
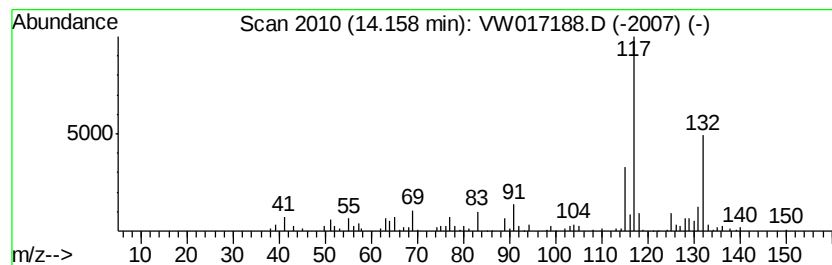
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	2.16 ug/L	49686	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2			Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
3			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

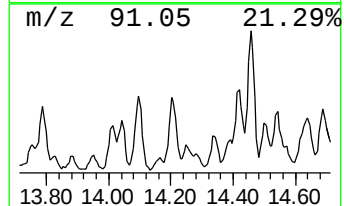
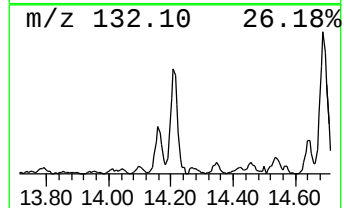
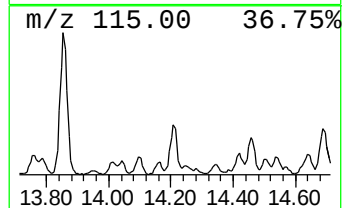
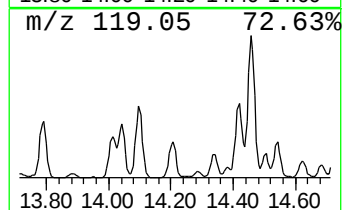
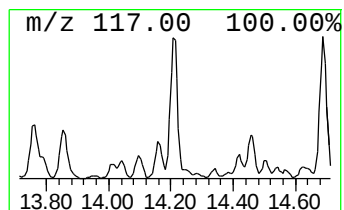
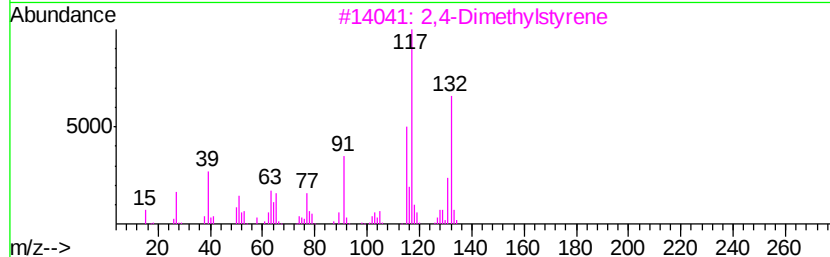
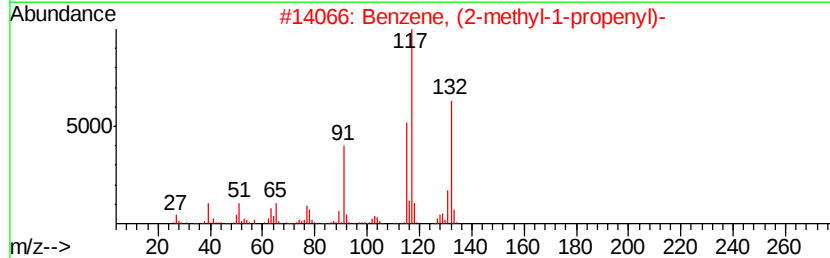
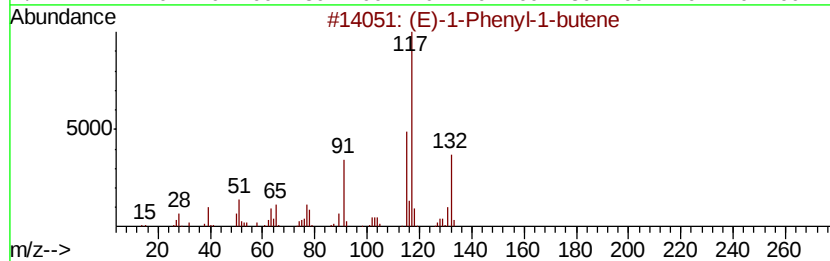
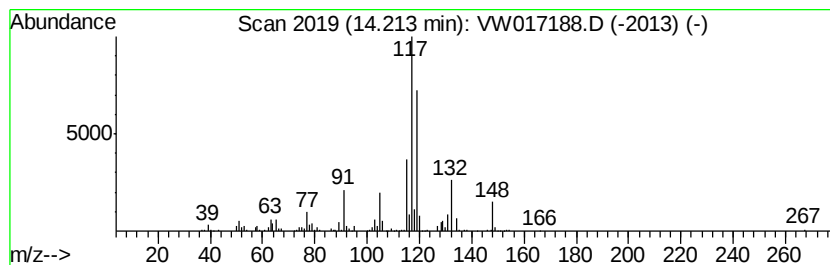
Instrument :
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ClientSampleId :
C0AB8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 18 (E)-1-Phenyl-1-butene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.21	10.22 ug/L	235045	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	70
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	55
3	2,4-Dimethylstvrene	132	C10H12	002234-20-0	50
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	50
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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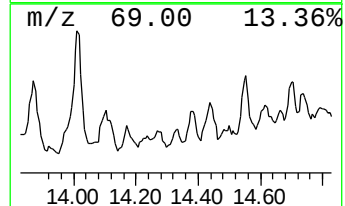
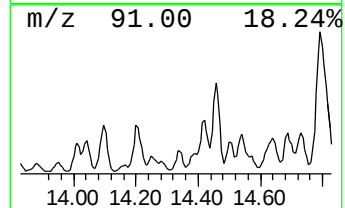
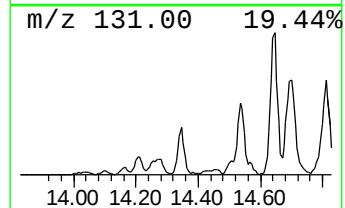
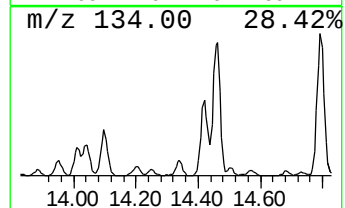
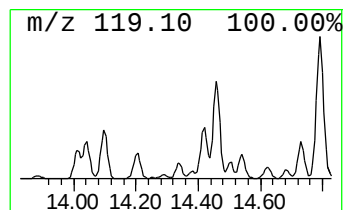
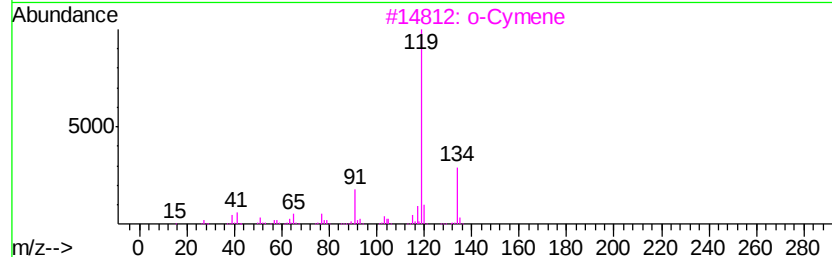
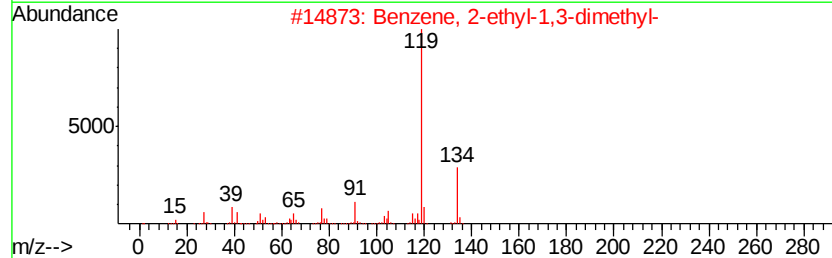
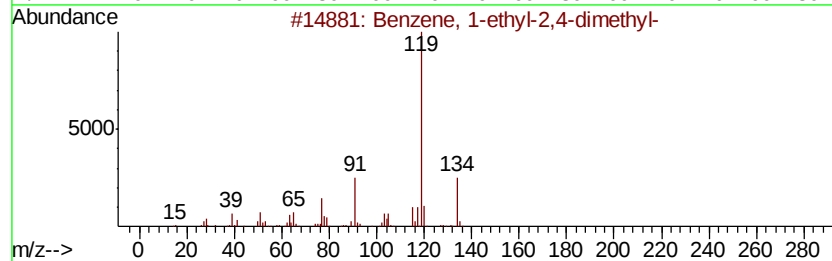
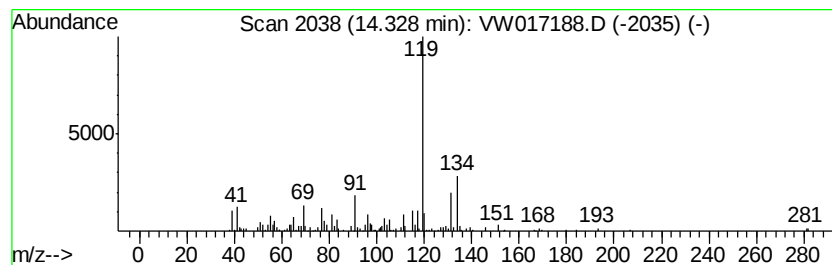
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Quant Title : VOC Analysis

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

Peak Number 19 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	4.90 ug/L	112760	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3		o-Cymene	134	C10H14	000527-84-4	93
4		p-Cymene	134	C10H14	000099-87-6	93
5		o-Cymene	134	C10H14	000527-84-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

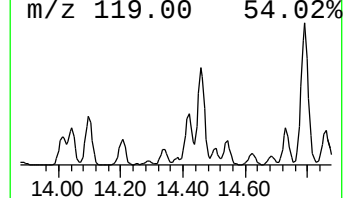
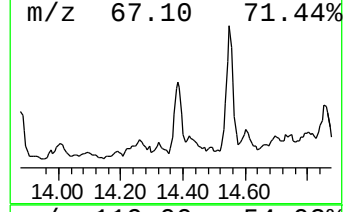
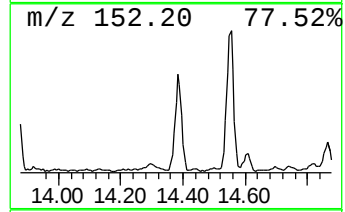
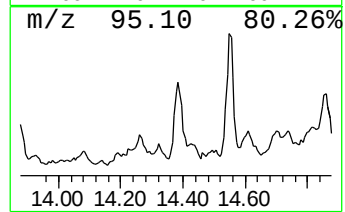
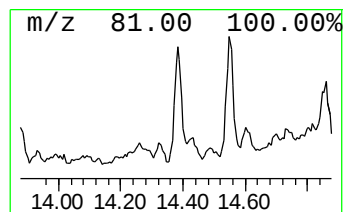
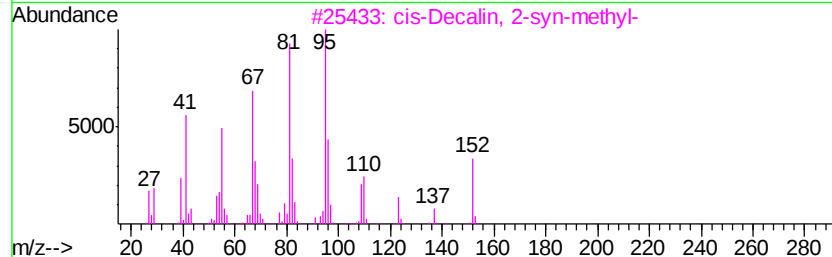
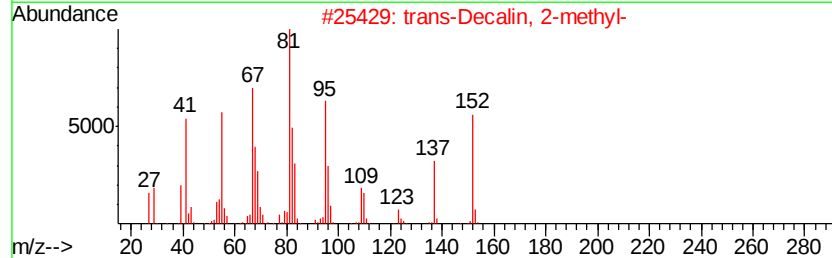
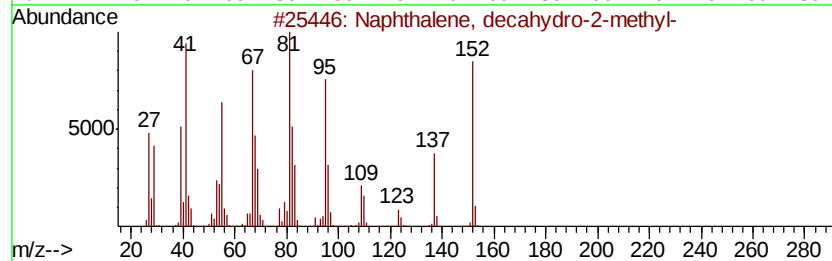
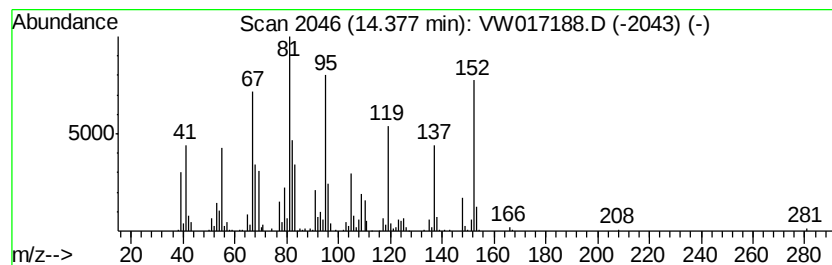
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 20 Naphthalene, decahydro-2-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.38	9.18 ug/L	211149	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
3		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	78
4		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	70
5		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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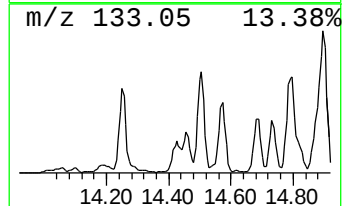
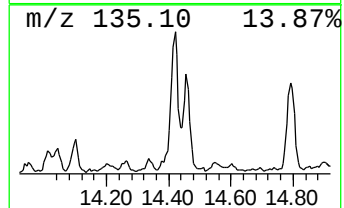
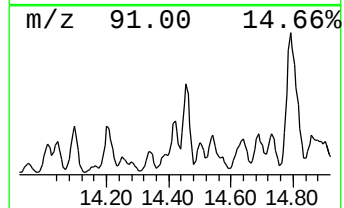
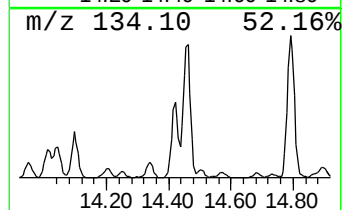
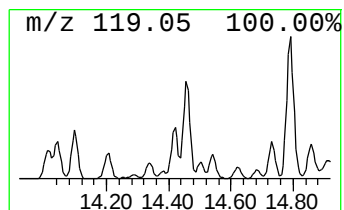
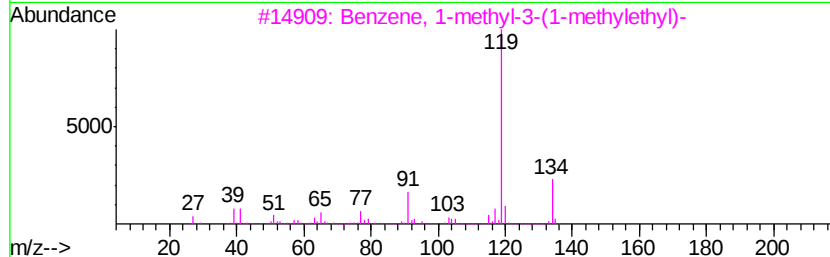
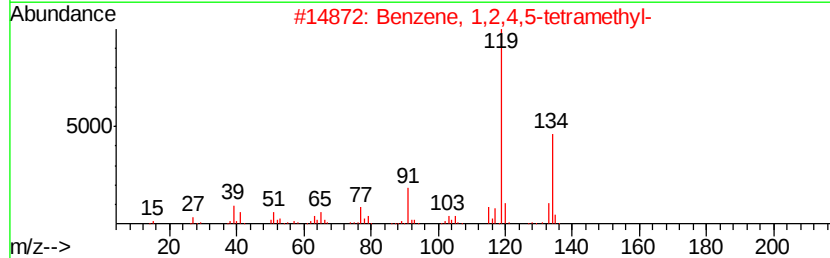
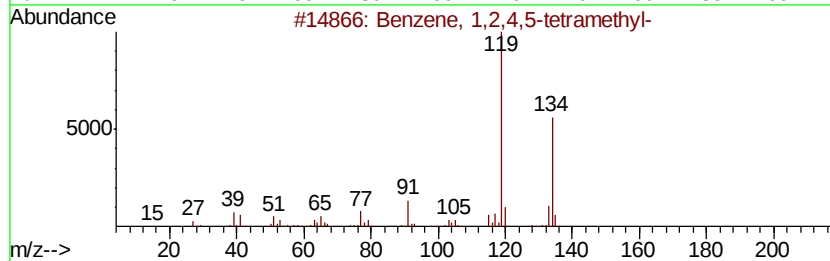
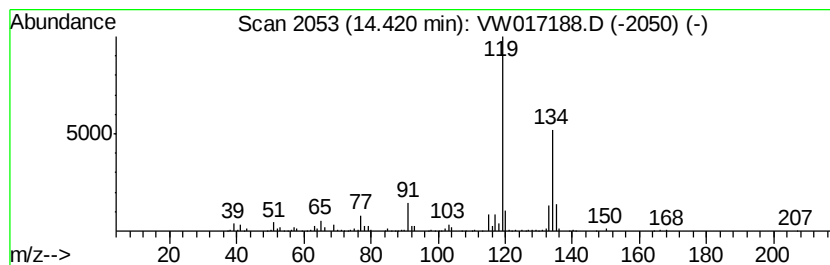
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Quant Title : VOC Analysis

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

Peak Number 21 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	13.10 ug/L	301339	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	91
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8

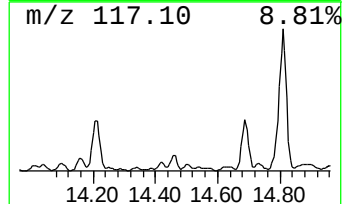
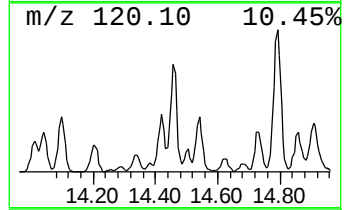
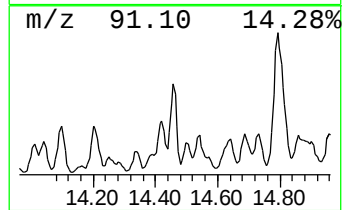
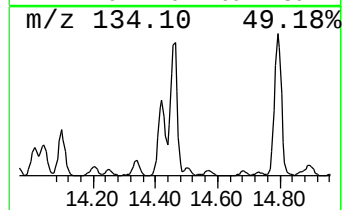
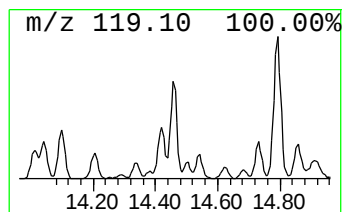
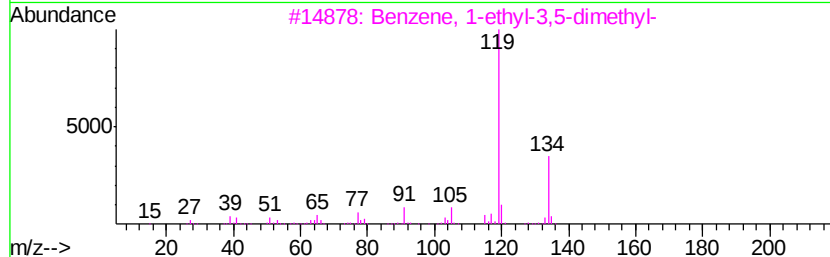
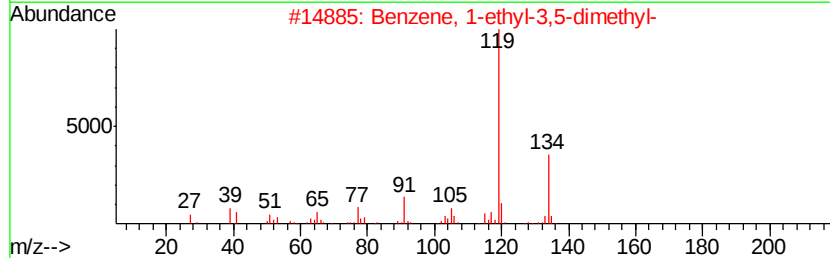
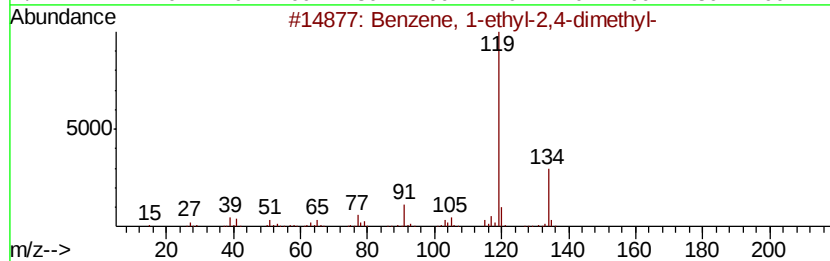
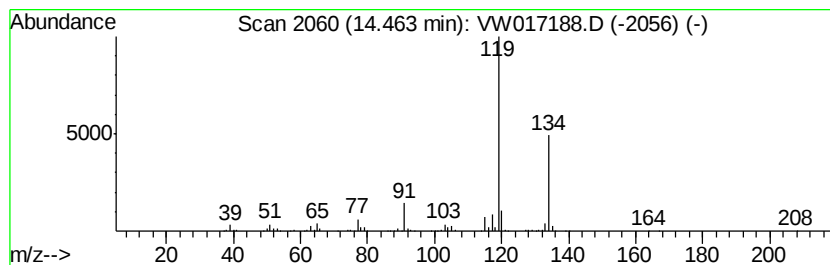
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Quant Title : VOC Analysis

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

Peak Number 22 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	18.99 ug/L	436674	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4		o-Cymene	134	C10H14	000527-84-4	94
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8

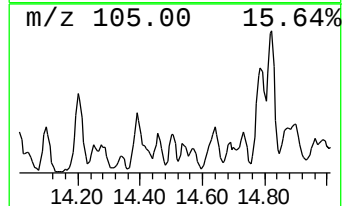
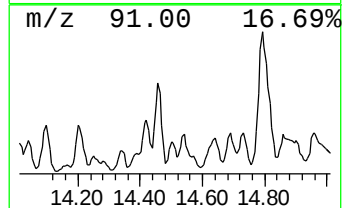
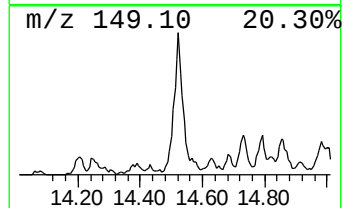
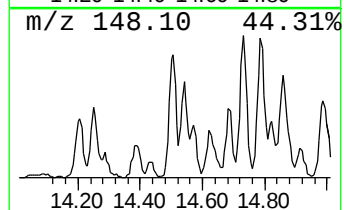
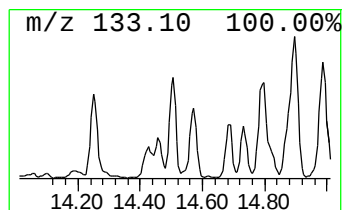
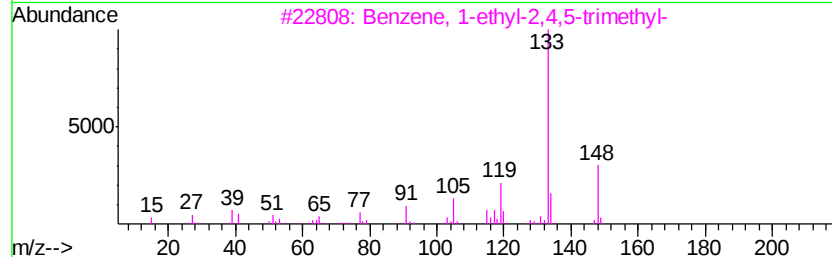
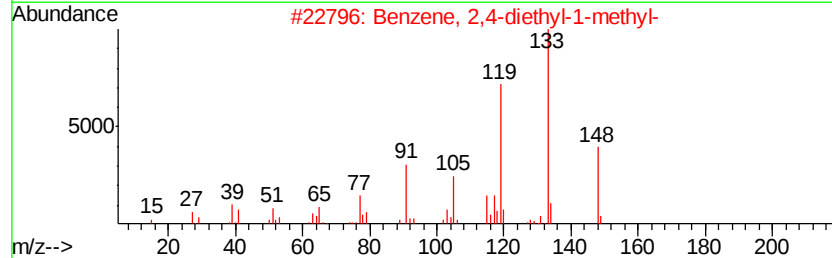
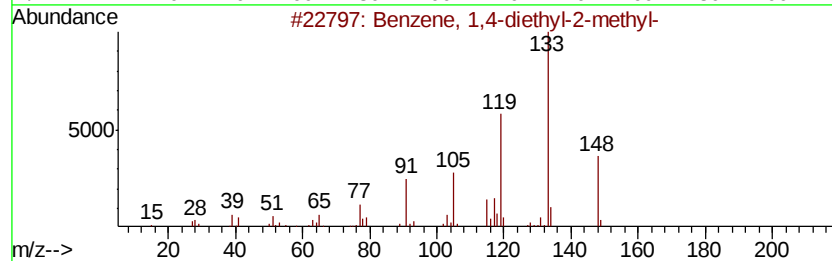
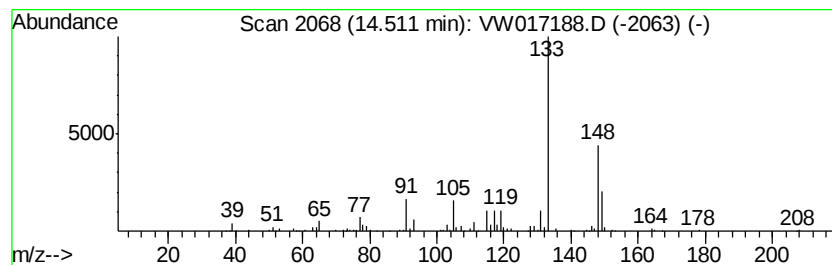
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Quant Title : VOC Analysis

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

Peak Number 23 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	5.74 ug/L	132002	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	94
2			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	91
3			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	72
4			Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	68
5			Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

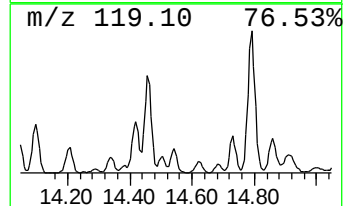
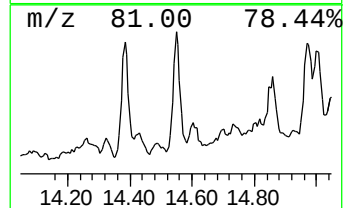
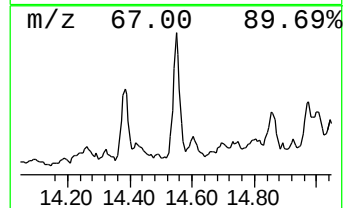
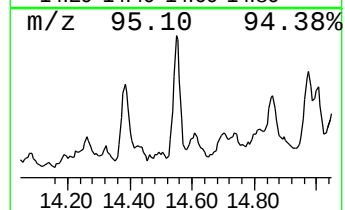
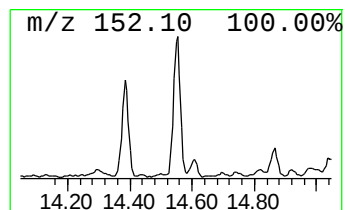
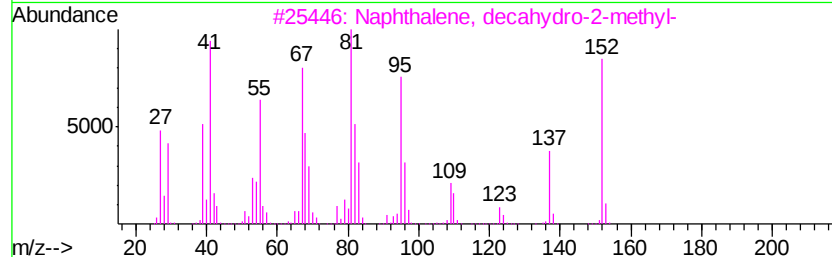
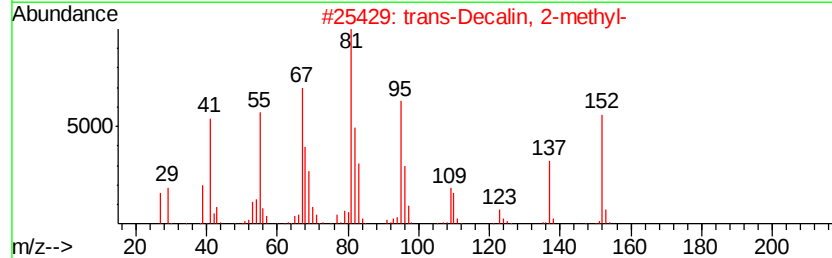
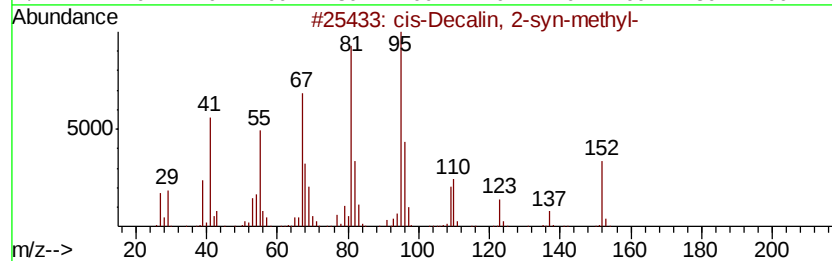
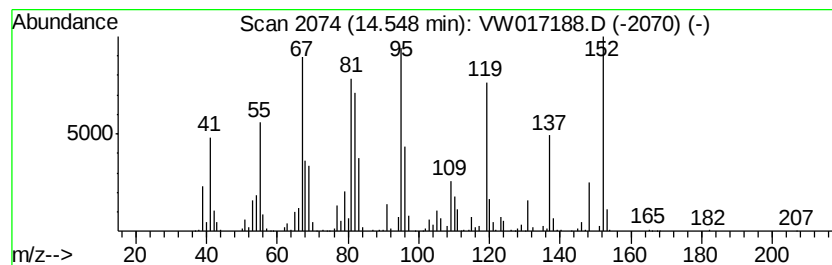
Instrument :
MSVOA_W
ClientSampleId :
C0AB8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 24 cis-Decalin, 2-syn-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	17.59 ug/L	404566	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		cis-Decalin, 2-syn-methyl-	152 C11H20	1000155-85-6 86
2		trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3 83
3		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 83
4		trans-4a-Methyl-decahydronaphtha...	152 C11H20	002547-27-5 83
5		Pulegone	152 C10H16O	000089-82-7 46



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8

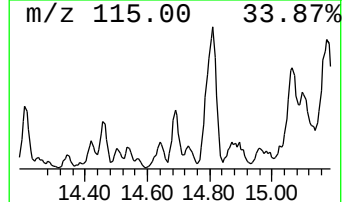
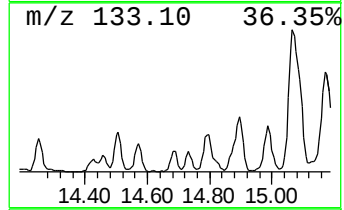
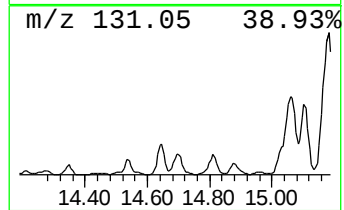
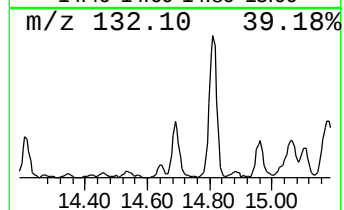
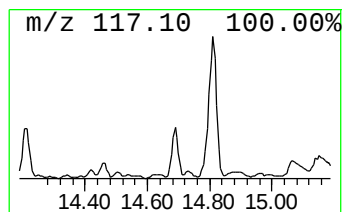
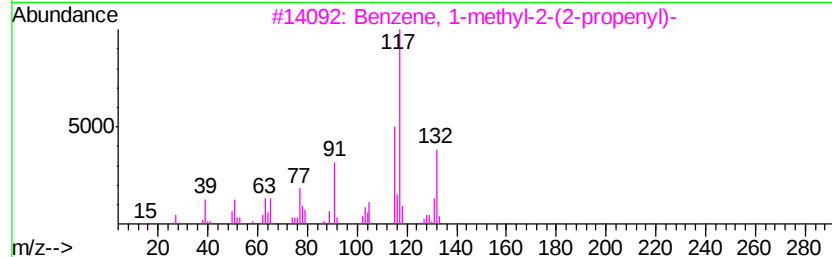
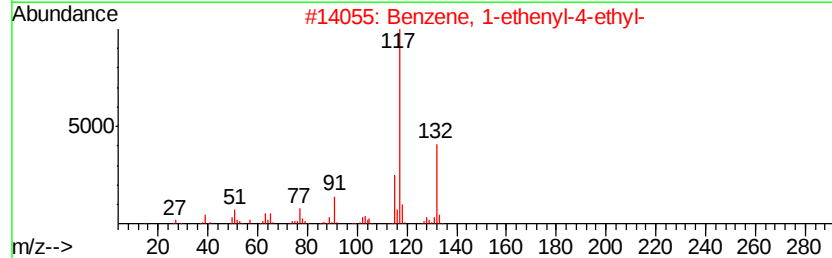
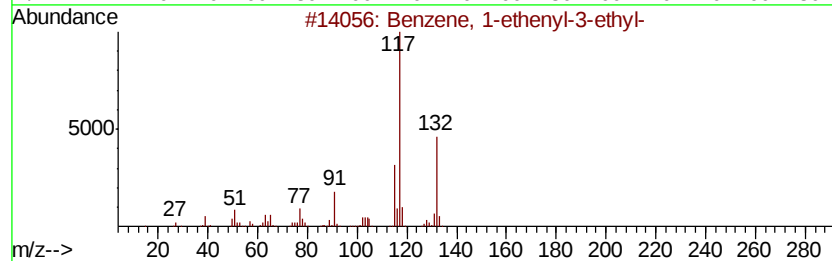
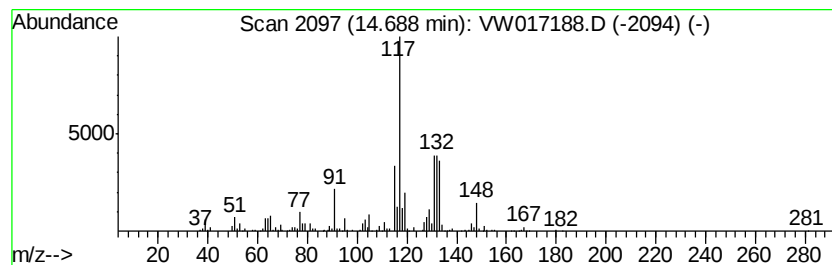
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Quant Title : VOC Analysis

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

Peak Number 25 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	8.01 ug/L	184113	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	58
4		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	53
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8

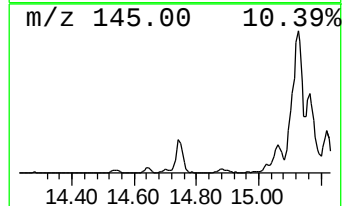
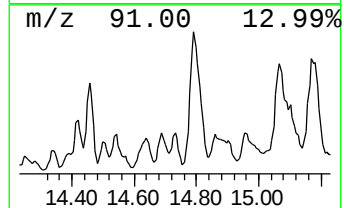
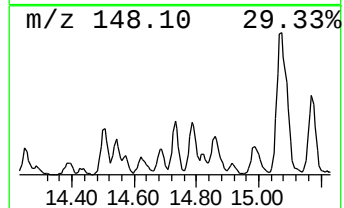
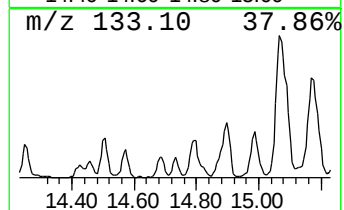
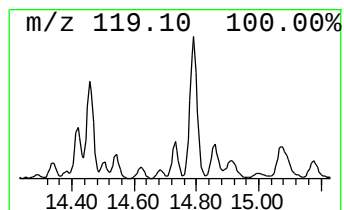
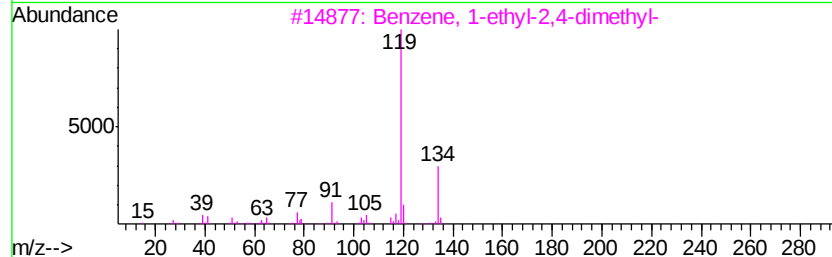
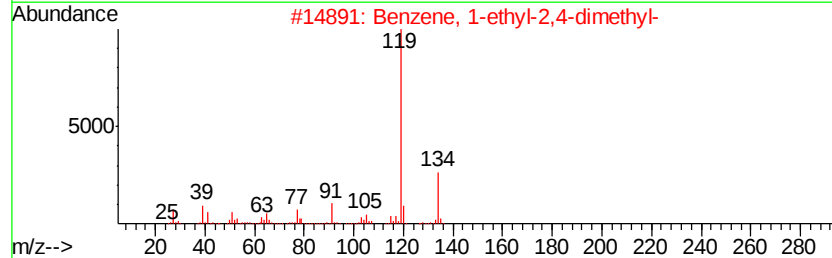
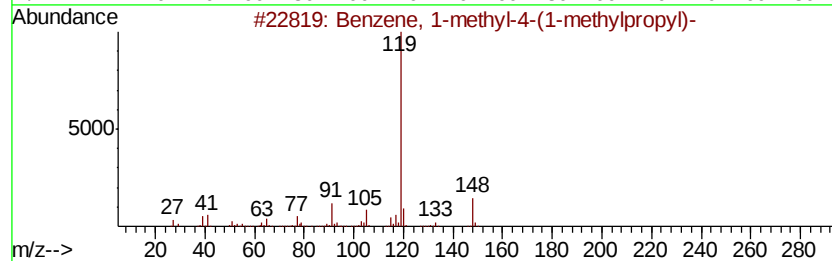
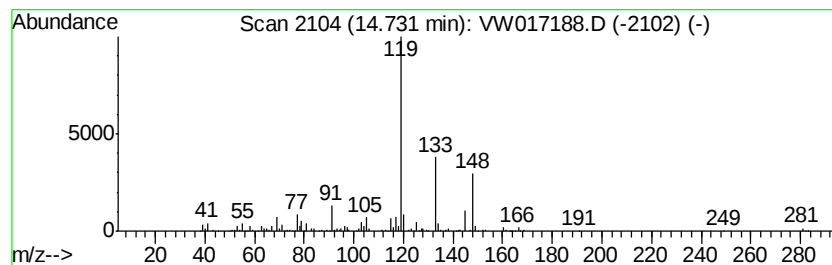
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Quant Title : VOC Analysis

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

Peak Number 26 Benzene, 1-methyl-4-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	7.39 ug/L	169999	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	76
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
4		o-Cymene	134	C10H14	000527-84-4	60
5		o-Cymene	134	C10H14	000527-84-4	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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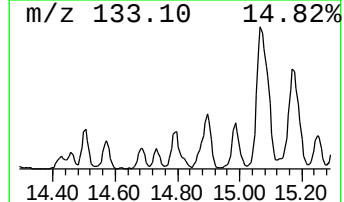
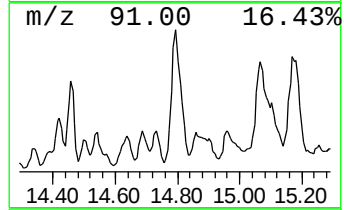
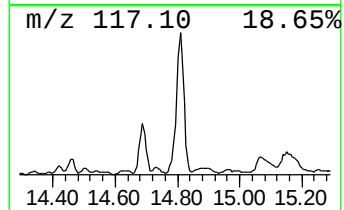
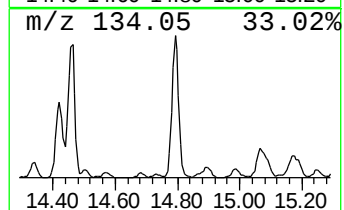
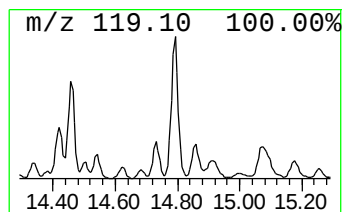
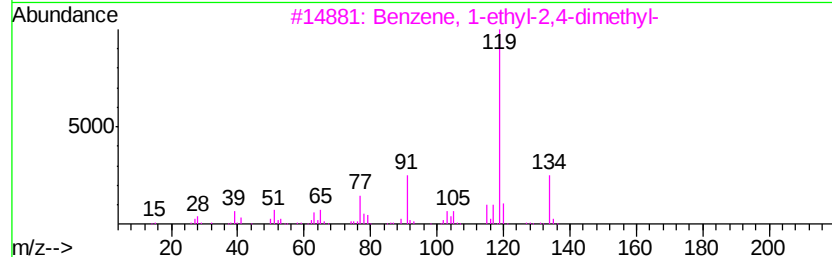
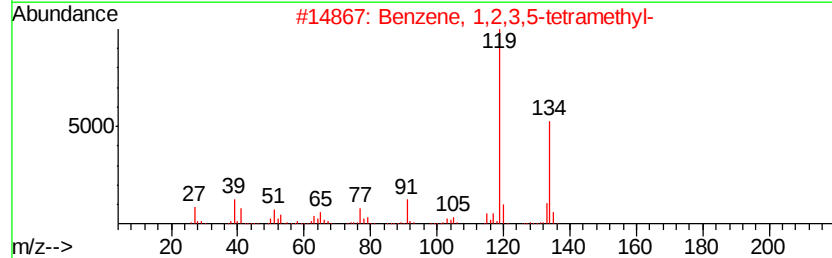
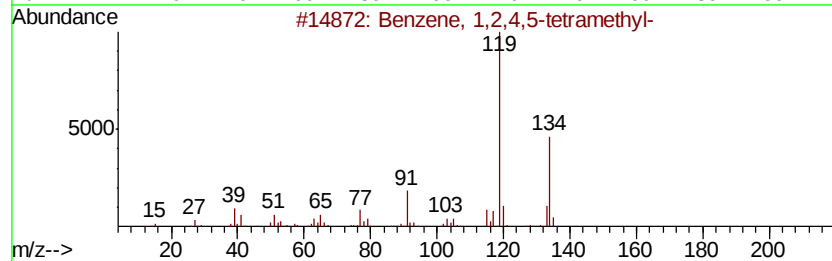
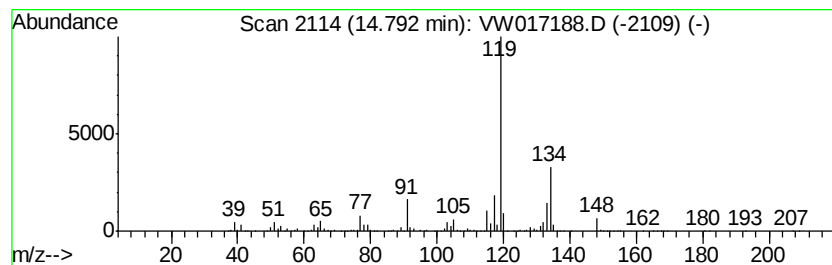
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Quant Title : VOC Analysis

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

Peak Number 27 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	51.19 ug/L	1177320	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
5		o-Cymene	134	C10H14	000527-84-4	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8

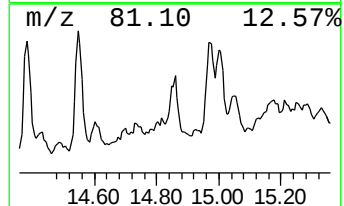
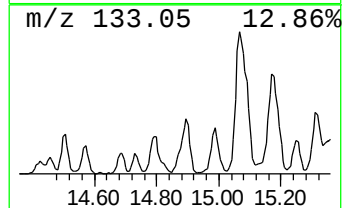
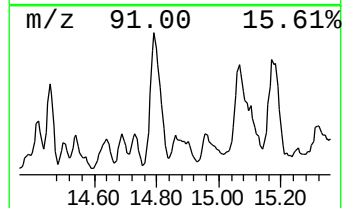
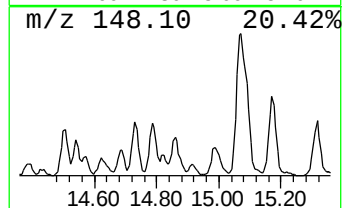
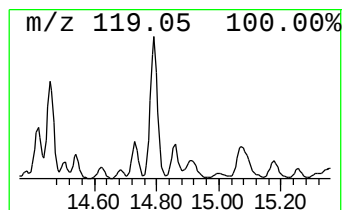
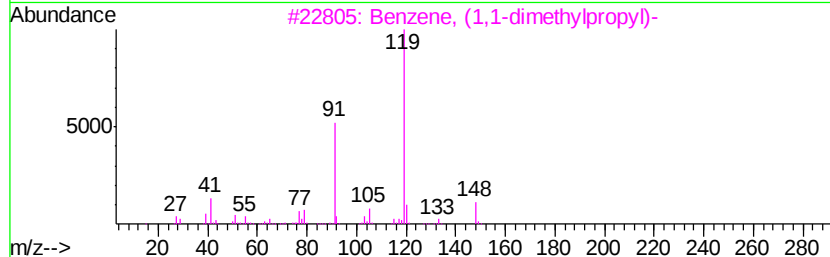
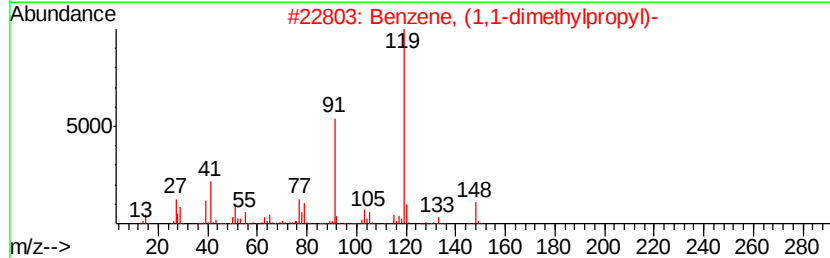
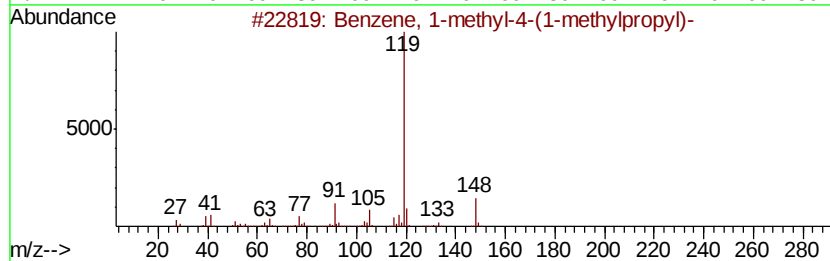
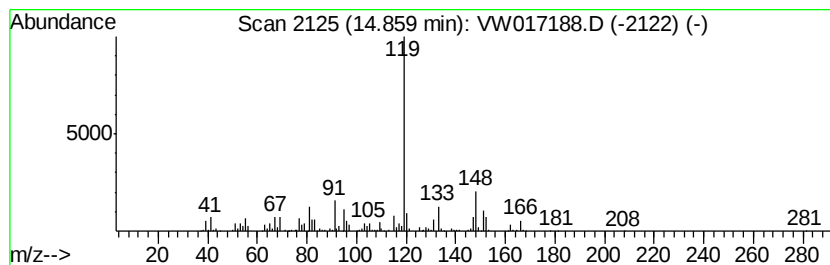
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Quant Title : VOC Analysis

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

Peak Number 28 Benzene, (1,1-dimethylpropyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	9.01 ug/L	207309	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
4		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
5		Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8

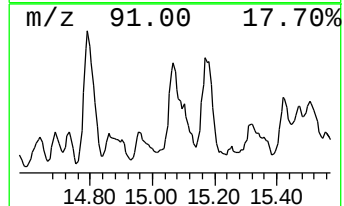
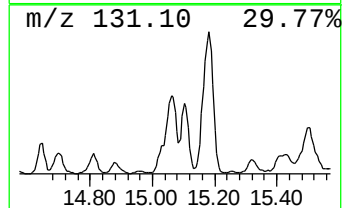
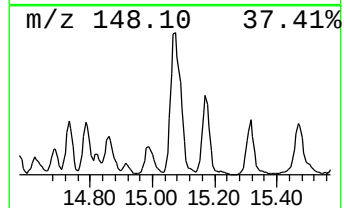
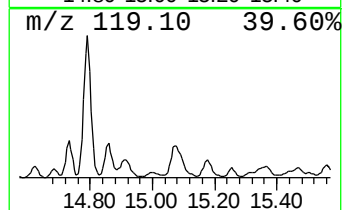
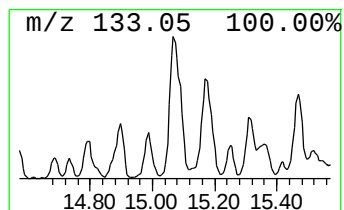
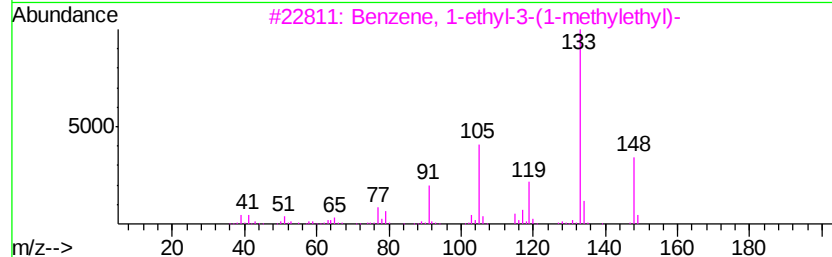
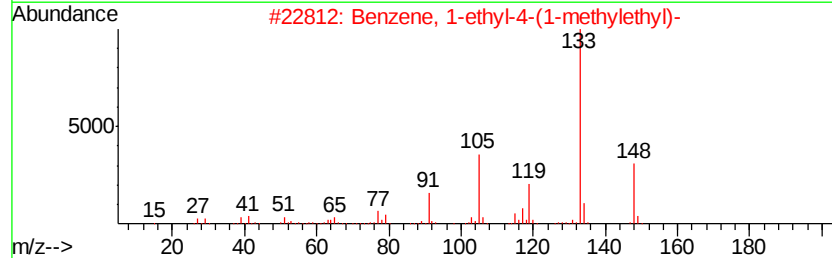
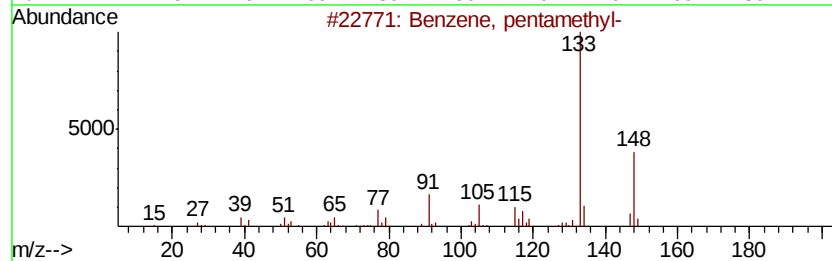
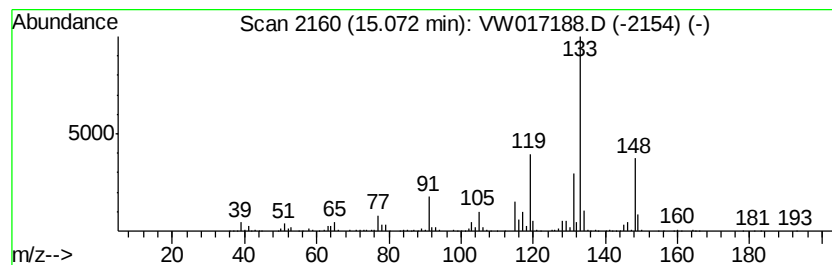
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Quant Title : VOC Analysis

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

Peak Number 29 Benzene, pentamethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	34.45 ug/L	792294	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, pentamethyl-	148	C11H16	000700-12-9	64
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	62
3		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	62
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
5		Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8

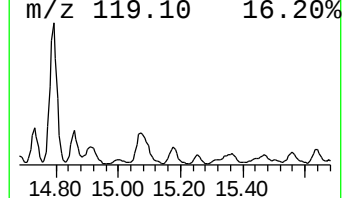
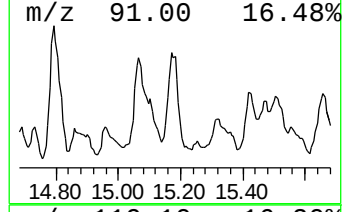
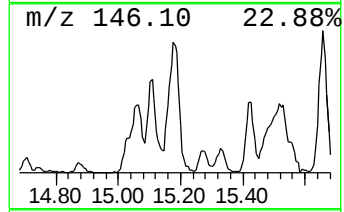
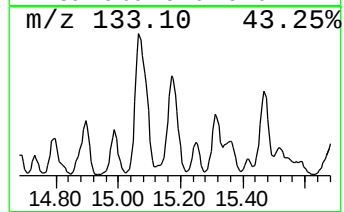
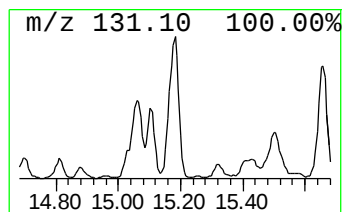
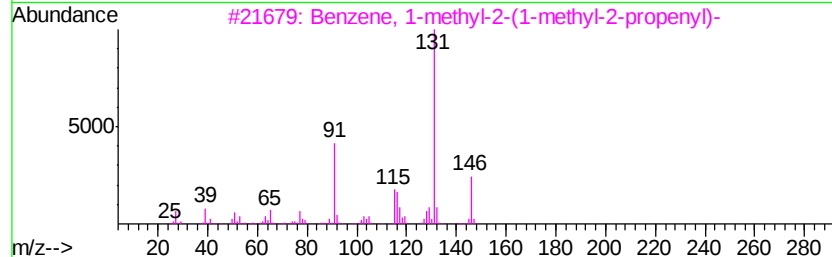
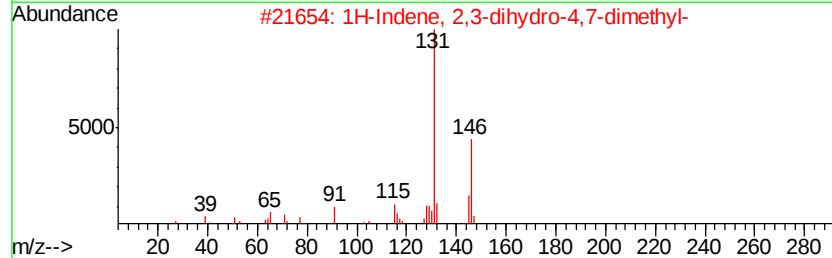
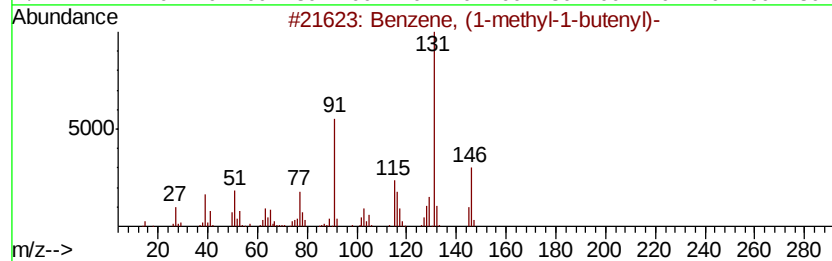
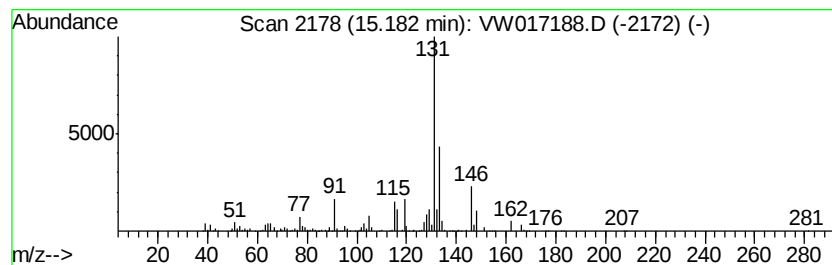
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Quant Title : VOC Analysis

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

Peak Number 30 Benzene, (1-methyl-1-butenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	40.74 ug/L	936986	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
3		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	64
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64
5		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8

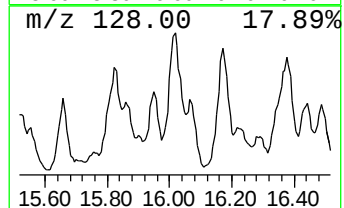
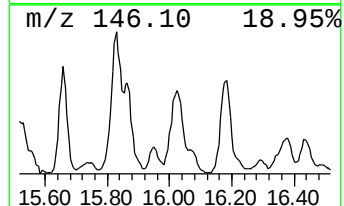
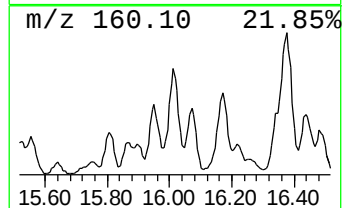
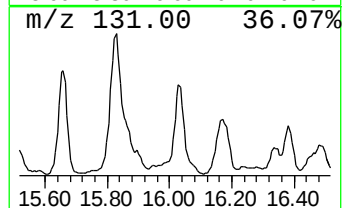
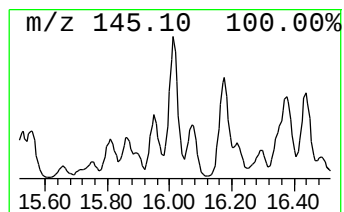
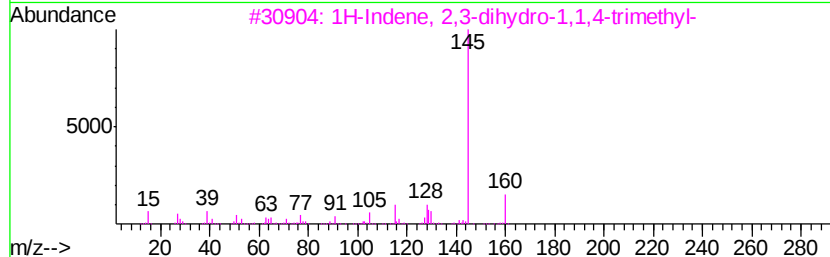
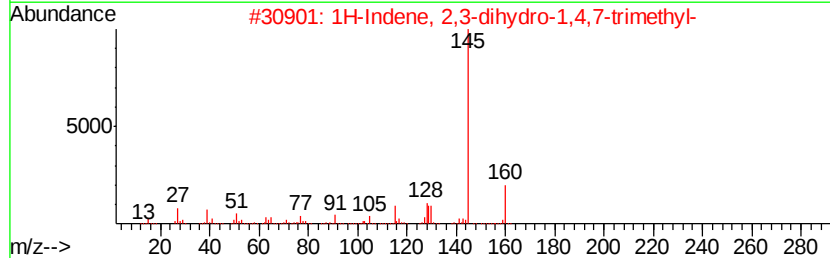
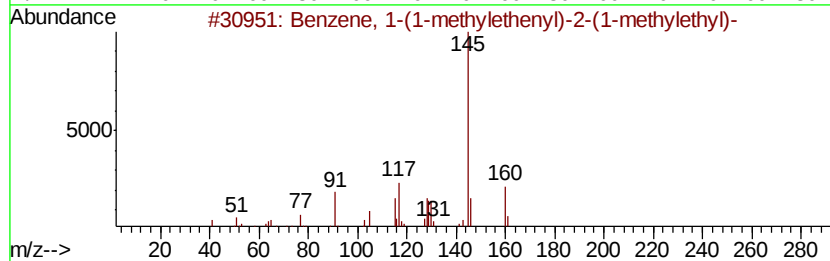
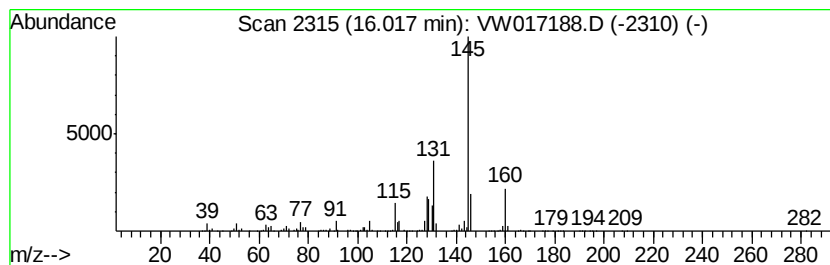
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Quant Title : VOC Analysis

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

Peak Number 31 Benzene, 1-(1-methylethenyl)... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	35.32 ug/L	812213	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	87
2		1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	81
3		1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	81
4		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	81
5		1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8

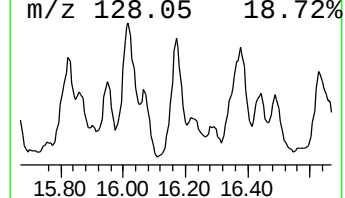
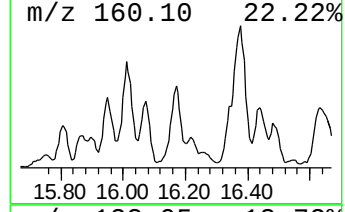
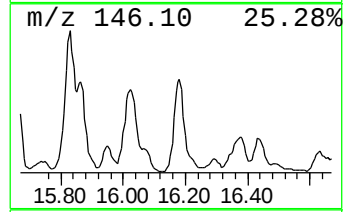
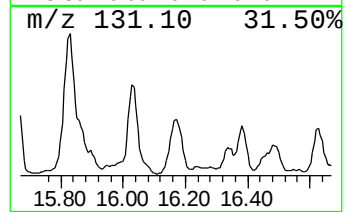
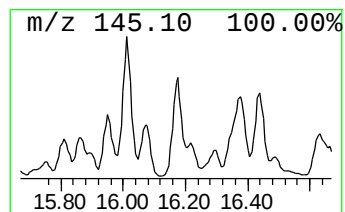
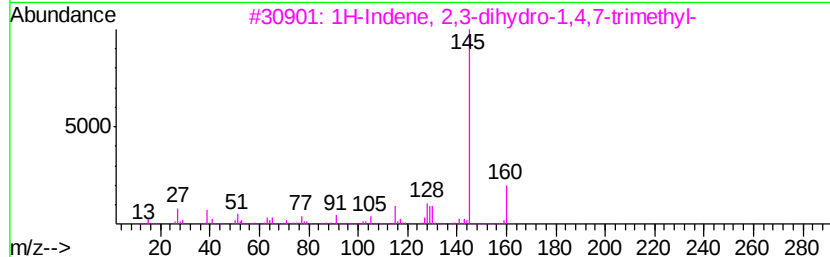
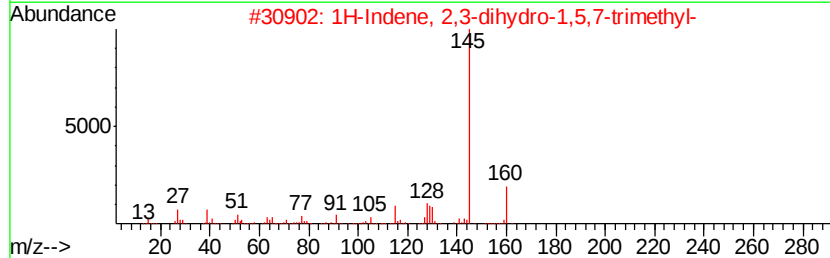
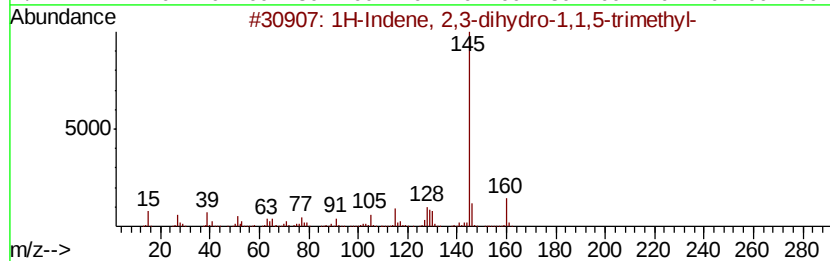
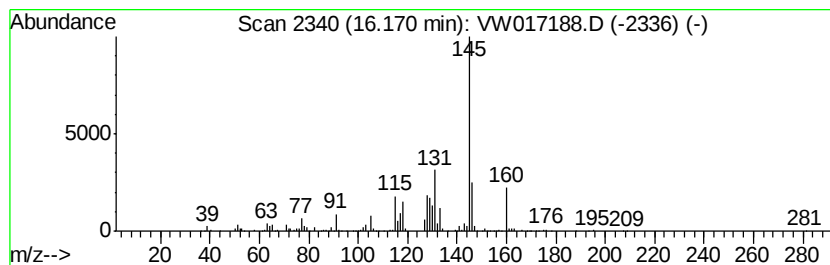
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	30.76 ug/L	707310	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	76
2		1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	70
3		1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	70
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	68
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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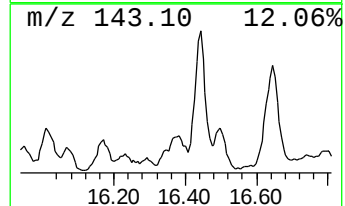
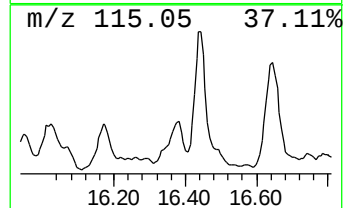
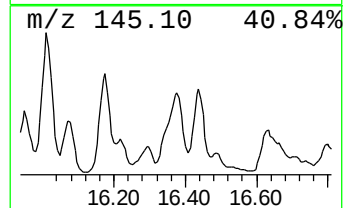
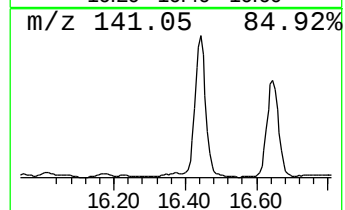
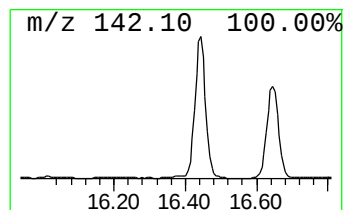
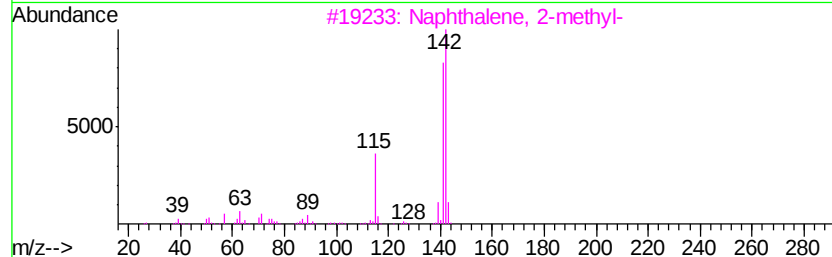
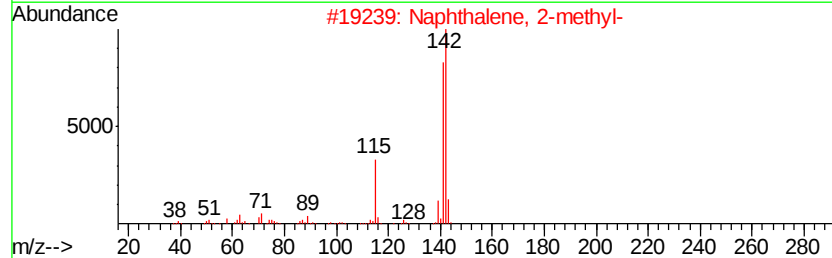
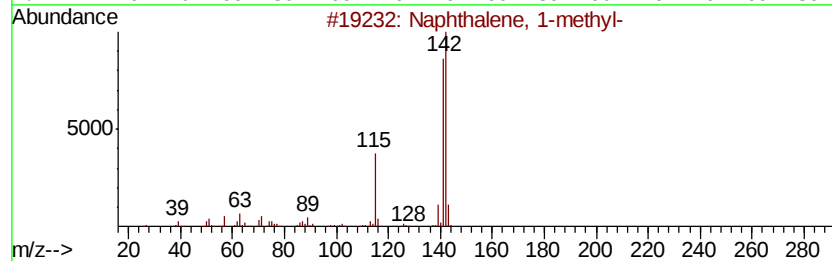
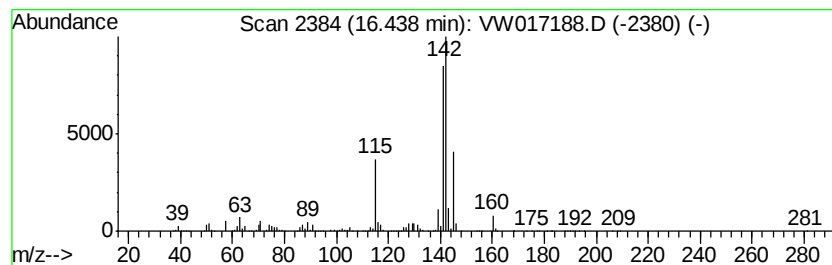
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Quant Title : VOC Analysis

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

Peak Number 33 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	47.91 ug/L	1101800	1,4-Dichlorobenzene-d4	13.56

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, 1-methyl-	142	C11H10	000090-12-0	91
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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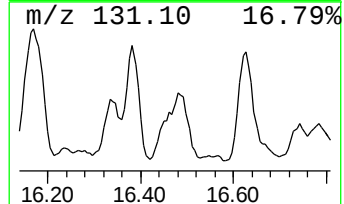
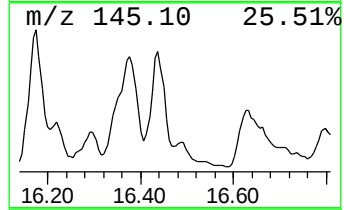
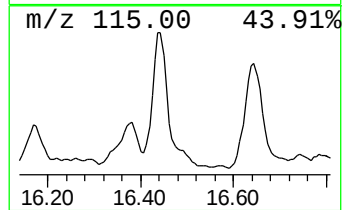
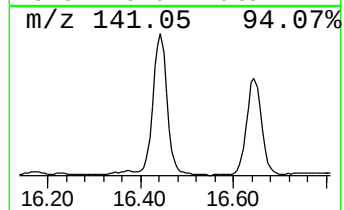
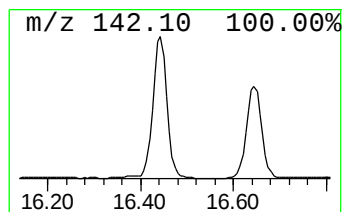
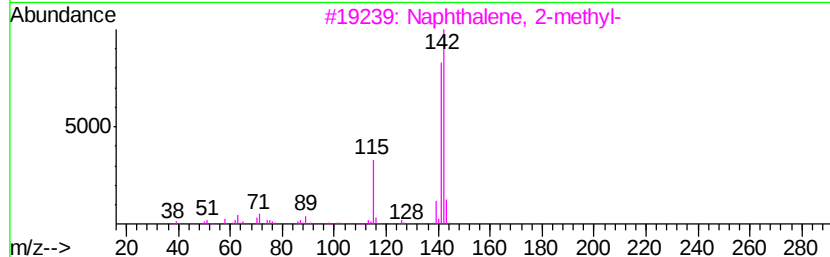
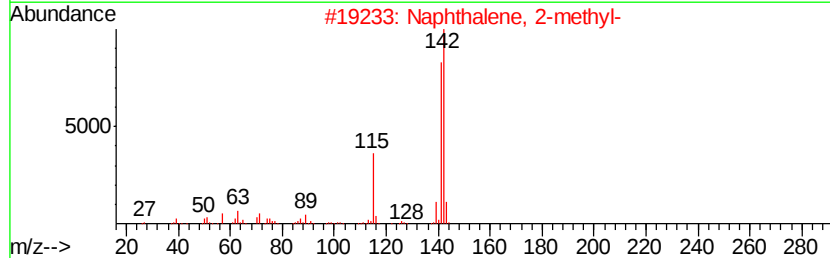
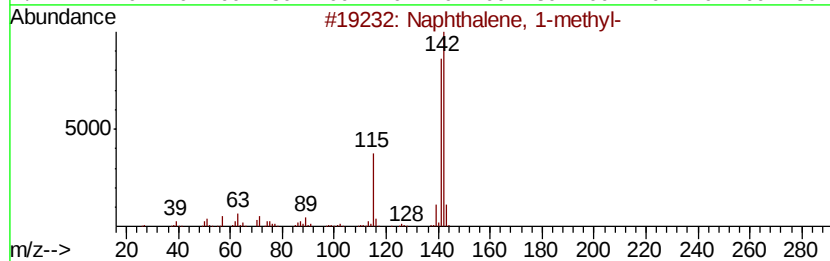
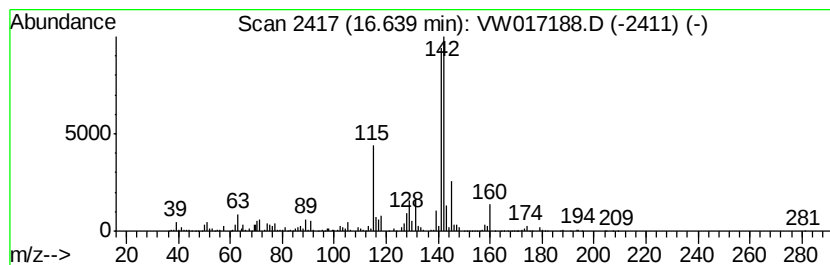
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Quant Title : VOC Analysis

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

Peak Number 34 Naphthalene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	71.59 ug/L	1646400	1,4-Dichlorobenzene-d4	13.56

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	95
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	89
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	89



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111220\
 Data File : VW017188.D
 Acq On : 12 Nov 2020 16:32
 Operator : SY/VA
 Sample : L4727-03
 Misc : 5.16G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.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
(DEL) Alkane: Cyc...	12.78	2.9	ug/L	65486	3	13.56	574937	25.0
Benzene, 1,2,3-tr...	12.94	7.5	ug/L	172533	3	13.56	574937	25.0
Benzene, 1-ethyl-...	13.10	3.0	ug/L	70071	3	13.56	574937	25.0
Mesitylene	13.26	4.1	ug/L	93679	3	13.56	574937	25.0
unknown-01	13.38	1.5	ug/L	33780	3	13.56	574937	25.0
p-Cymene	13.44	2.1	ug/L	48030	3	13.56	574937	25.0
(DEL) Alkane: Str...	13.70	2.7	ug/L	61282	3	13.56	574937	25.0
Benzene, 1-etheny...	13.76	4.9	ug/L	113228	3	13.56	574937	25.0
Benzene, 2-ethyl-...	13.79	8.6	ug/L	196947	3	13.56	574937	25.0
o-Cymene	14.01	8.8	ug/L	203170	3	13.56	574937	25.0
Benzene, 1-ethyl-...	14.10	11.3	ug/L	260316	3	13.56	574937	25.0
Benzene, 2-etheny...	14.16	2.2	ug/L	49686	3	13.56	574937	25.0
(E)-1-Phenyl-1-bu...	14.21	10.2	ug/L	235045	3	13.56	574937	25.0
Benzene, 2-ethyl-...	14.33	4.9	ug/L	112760	3	13.56	574937	25.0
Naphthalene, deca...	14.38	9.2	ug/L	211149	3	13.56	574937	25.0
Benzene, 1,2,4,5-...	14.42	13.1	ug/L	301339	3	13.56	574937	25.0
Benzene, 1-ethyl-...	14.46	19.0	ug/L	436674	3	13.56	574937	25.0
Benzene, 1,4-diet...	14.51	5.7	ug/L	132002	3	13.56	574937	25.0
cis-Decalin, 2-sy...	14.55	17.6	ug/L	404566	3	13.56	574937	25.0
Benzene, 1-etheny...	14.69	8.0	ug/L	184113	3	13.56	574937	25.0
Benzene, 1-methyl...	14.73	7.4	ug/L	169999	3	13.56	574937	25.0
unknown-02	14.79	51.2	ug/L	1177320	3	13.56	574937	25.0
Benzene, (1,1-dim...	14.86	9.0	ug/L	207309	3	13.56	574937	25.0
Benzene, pentamet...	15.07	34.5	ug/L	792294	3	13.56	574937	25.0
Benzene, (1-methy...	15.18	40.7	ug/L	936986	3	13.56	574937	25.0
Benzene, 1-(1-met...	16.02	35.3	ug/L	812213	3	13.56	574937	25.0
1H-Indene, 2,3-di...	16.17	30.8	ug/L	707310	3	13.56	574937	25.0
Naphthalene, 1-me...	16.44	47.9	ug/L	1101800	3	13.56	574937	25.0
Naphthalene, 2-me...	16.64	71.6	ug/L	1646400	3	13.56	574937	25.0