

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
 Data File : VW017269.D
 Acq On : 16 Nov 2020 20:01
 Operator : SY/VA
 Sample : L4727-09RE
 Misc : 4.93G/10ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AC3RE

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	44	rBV2	952	1666	0.02%	0.002%
2	2.355	68	74	85	rVB	77249	144602	1.50%	0.169%
3	2.702	129	131	134	rVB3	1456	1111	0.01%	0.001%
4	2.898	155	163	177	rVB	61177	148667	1.54%	0.174%
5	3.379	240	242	243	rBV	409	348	0.00%	0.000%
6	4.019	334	347	363	rBV	137769	406339	4.22%	0.474%
7	4.202	374	377	380	rVB2	340	420	0.00%	0.000%
8	4.391	399	408	419	rBV4	7439	24393	0.25%	0.028%
9	4.605	439	443	445	rBV2	285	342	0.00%	0.000%
10	4.922	484	495	508	rVV3	12493	40069	0.42%	0.047%
11	5.104	520	525	526	rBV2	310	431	0.00%	0.001%
12	5.123	526	528	530	rBV2	321	324	0.00%	0.000%
13	5.147	530	532	534	rVB3	328	339	0.00%	0.000%
14	5.665	612	617	620	rBV2	276	385	0.00%	0.000%
15	5.946	654	663	671	rBV5	2285	6825	0.07%	0.008%
16	6.915	818	822	824	rBV2	503	496	0.01%	0.001%
17	7.086	840	850	854	rBV	22524	62386	0.65%	0.073%
18	7.244	875	876	879	rVB2	378	374	0.00%	0.000%
19	7.653	932	943	957	rBV	198840	485751	5.05%	0.567%
20	7.897	980	983	986	rBV3	285	334	0.00%	0.000%
21	7.939	986	990	992	rBV4	494	688	0.01%	0.001%
22	8.275	1033	1045	1062	rBV2	371411	1091618	11.34%	1.274%
23	8.421	1067	1069	1072	rVB3	589	535	0.01%	0.001%
24	8.622	1101	1102	1109	rBV2	245	339	0.00%	0.000%
25	8.695	1109	1114	1115	rBV2	443	672	0.01%	0.001%
26	8.842	1128	1138	1150	rBV	413890	842558	8.75%	0.983%
27	8.921	1150	1151	1158	rVB4	445	749	0.01%	0.001%
28	9.073	1173	1176	1183	rVB5	1366	2816	0.03%	0.003%
29	9.274	1200	1209	1220	rBV	229691	476843	4.95%	0.556%
30	9.390	1226	1228	1230	rVB2	692	508	0.01%	0.001%
31	9.445	1234	1237	1239	rBV	377	384	0.00%	0.000%
32	9.616	1261	1265	1268	rVB3	540	687	0.01%	0.001%
33	9.671	1270	1274	1276	rBV2	917	1228	0.01%	0.001%
34	9.762	1283	1289	1296	rVB2	7113	14416	0.15%	0.017%

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Instrument :
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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Title : VOC Analysis

35	9.896	1302	1311	1322	rBV3	16071	34025	0.35%	0.040%
36	10.037	1325	1334	1346	rBV	120921	217362	2.26%	0.254%
37	10.213	1357	1363	1365	rBV3	2364	3895	0.04%	0.005%
38	10.250	1365	1369	1374	rVB3	4912	8409	0.09%	0.010%
39	10.323	1374	1381	1389	rBV	456701	836397	8.69%	0.976%
40	10.506	1404	1411	1417	rBV7	5874	16133	0.17%	0.019%
41	10.579	1417	1423	1429	rBV	65240	118276	1.23%	0.138%
42	10.664	1434	1437	1439	rVV	9549	12874	0.13%	0.015%
43	10.707	1439	1444	1449	rVB	43356	75096	0.78%	0.088%
44	10.927	1473	1480	1489	rBV	88315	154369	1.60%	0.180%
45	11.067	1498	1503	1507	rBV2	19586	30410	0.32%	0.035%
46	11.109	1507	1510	1513	rVV4	5517	9911	0.10%	0.012%
47	11.146	1513	1516	1519	rVV4	8274	15407	0.16%	0.018%
48	11.177	1519	1521	1525	rVV2	10558	16723	0.17%	0.020%
49	11.231	1525	1530	1535	rVV2	34035	61287	0.64%	0.072%
50	11.286	1536	1539	1543	rVV2	6096	8949	0.09%	0.010%
51	11.335	1543	1547	1552	rVB3	12455	19845	0.21%	0.023%
52	11.439	1558	1564	1572	rVB2	66421	122907	1.28%	0.143%
53	11.506	1572	1575	1577	rBV3	2287	2753	0.03%	0.003%
54	11.634	1589	1596	1607	rBV	390479	680035	7.06%	0.794%
55	11.731	1608	1612	1614	rBV2	14661	21630	0.22%	0.025%
56	11.768	1614	1618	1622	rVB	25493	37603	0.39%	0.044%
57	11.835	1622	1629	1632	rBV5	23812	63473	0.66%	0.074%
58	11.975	1648	1652	1658	rBV5	19007	39590	0.41%	0.046%
59	12.036	1659	1662	1671	rVB	18487	34528	0.36%	0.040%
60	12.140	1671	1679	1687	rBV4	71079	217540	2.26%	0.254%
61	12.365	1701	1716	1723	rBV3	119368	459317	4.77%	0.536%
62	12.609	1751	1756	1762	rVB	122691	215719	2.24%	0.252%
63	12.695	1764	1770	1775	rBV	169124	328546	3.41%	0.383%
64	12.780	1780	1784	1791	rVB2	230675	431507	4.48%	0.504%
65	12.865	1792	1798	1801	rBV4	95594	199274	2.07%	0.233%
66	12.945	1805	1811	1824	rVB	1363447	2359282	24.51%	2.753%
67	13.103	1830	1837	1844	rVB	790028	1346498	13.99%	1.571%
68	13.249	1856	1861	1866	rBV	590257	946840	9.84%	1.105%
69	13.383	1879	1883	1887	rVB	177307	260424	2.71%	0.304%
70	13.444	1888	1893	1897	rBV	365285	569767	5.92%	0.665%
71	13.585	1908	1916	1921	rVB2	356322	707424	7.35%	0.826%

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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE
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72	13.700	1931	1935	1939	rBV5	129281	279284	2.90%	0.326%
73	13.755	1939	1944	1946	rVV2	834538	1333715	13.86%	1.557%
74	13.792	1946	1950	1956	rVB	1429828	2294943	23.84%	2.678%
75	13.883	1961	1965	1970	rVB3	620966	1030060	10.70%	1.202%
76	13.950	1971	1976	1980	rBV	693139	1058878	11.00%	1.236%
77	14.011	1981	1986	1988	rBV	1243421	1771816	18.41%	2.068%
78	14.097	1996	2000	2006	rVB	1649823	2460219	25.56%	2.871%
79	14.158	2006	2010	2013	rBV	312371	491761	5.11%	0.574%
80	14.206	2013	2018	2023	rVV2	1856300	3078385	31.98%	3.593%
81	14.255	2023	2026	2034	rVB4	358267	860072	8.94%	1.004%
82	14.341	2035	2040	2044	rBV2	646990	1037011	10.77%	1.210%
83	14.383	2044	2047	2049	rVV2	545725	756484	7.86%	0.883%
84	14.420	2049	2053	2056	rVV	1651109	2709655	28.15%	3.162%
85	14.456	2056	2059	2064	rVV	3072556	4620055	48.00%	5.392%
86	14.505	2064	2067	2069	rVV	587887	768315	7.98%	0.897%
87	14.542	2069	2073	2081	rVB3	954021	1979386	20.56%	2.310%
88	14.688	2093	2097	2101	rBV3	925001	1401497	14.56%	1.636%
89	14.731	2101	2104	2109	rVB	964520	1361308	14.14%	1.589%
90	14.792	2109	2114	2122	rBV2	4077660	9625702	100.00%	11.234%
91	14.859	2122	2125	2138	rVB3	670824	1373614	14.27%	1.603%
92	14.962	2138	2142	2150	rBV2	588515	1321646	13.73%	1.542%
93	15.066	2154	2159	2163	rBV2	2147403	4228607	43.93%	4.935%
94	15.176	2172	2177	2184	rVB3	2517730	5540384	57.56%	6.466%
95	15.322	2197	2201	2204	rBV3	511353	945839	9.83%	1.104%
96	15.420	2213	2217	2221	rBV	725646	1319115	13.70%	1.539%
97	15.657	2250	2256	2264	rBV	1530276	3103998	32.25%	3.623%
98	15.950	2301	2304	2309	rVB3	842858	1285501	13.35%	1.500%
99	16.444	2379	2385	2399	rVB2	3195735	7356448	76.43%	8.585%
100	16.645	2410	2418	2430	rBV3	2237633	5848878	60.76%	6.826%

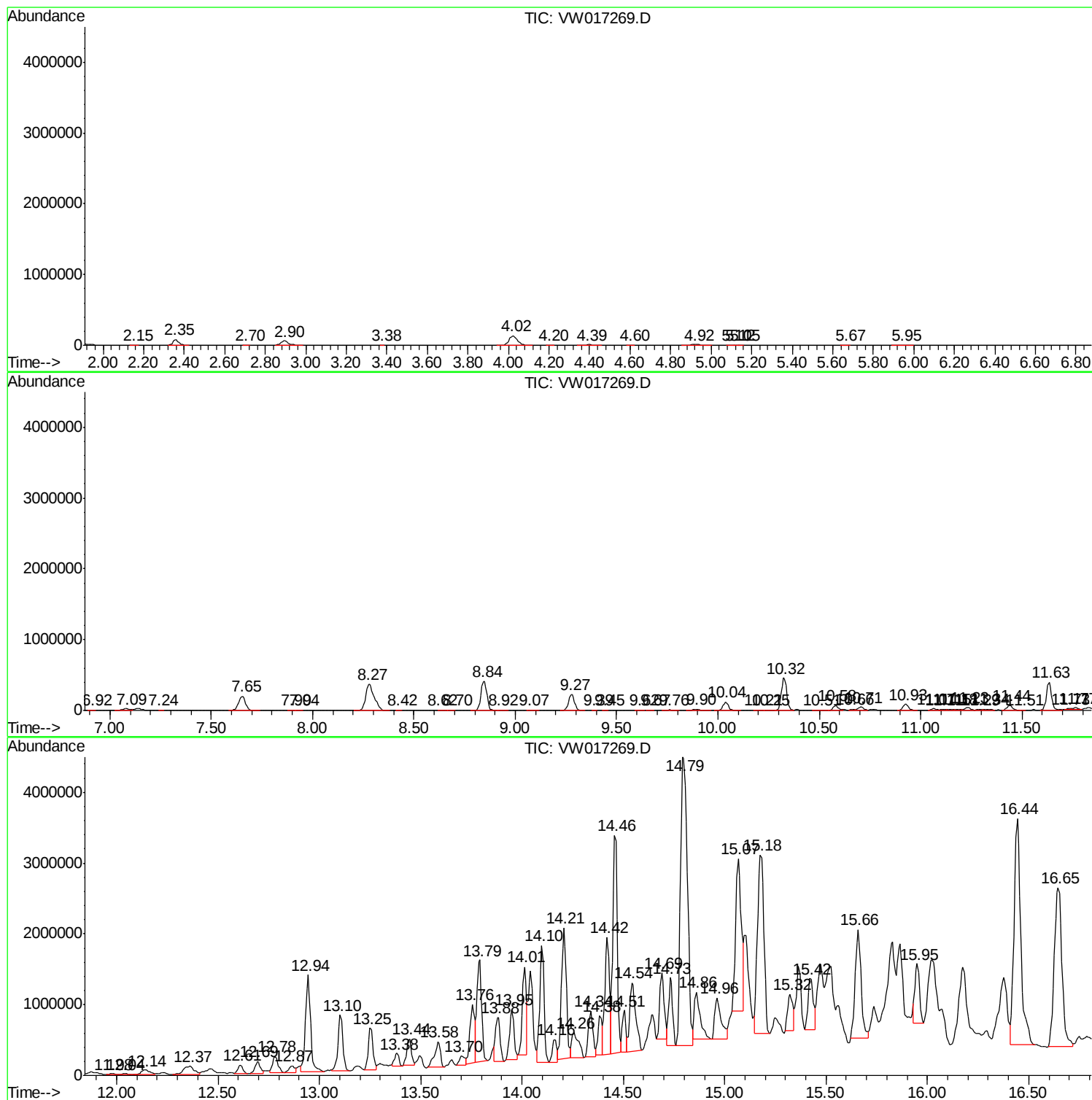
Sum of corrected areas: 85686244

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Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0AC3RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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



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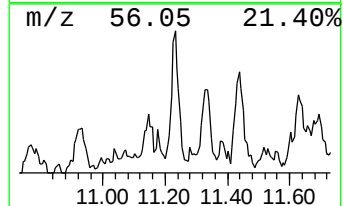
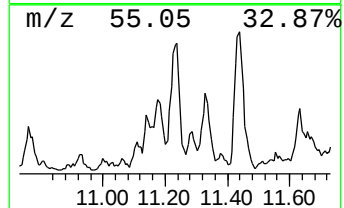
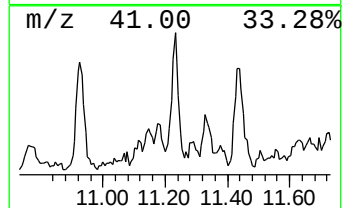
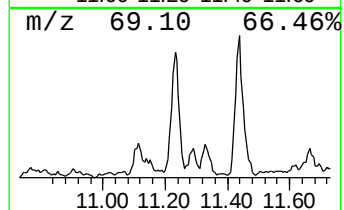
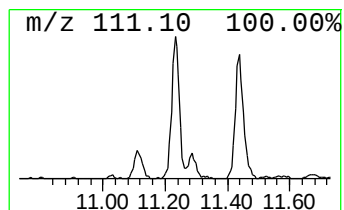
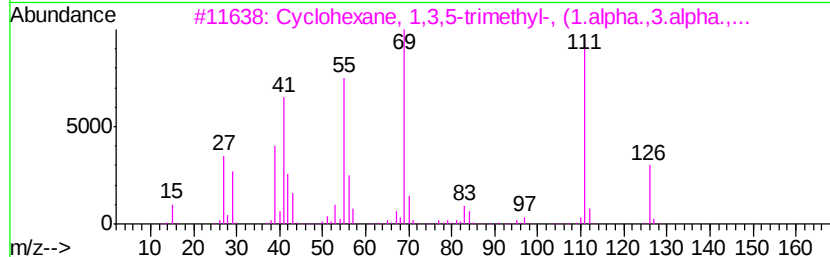
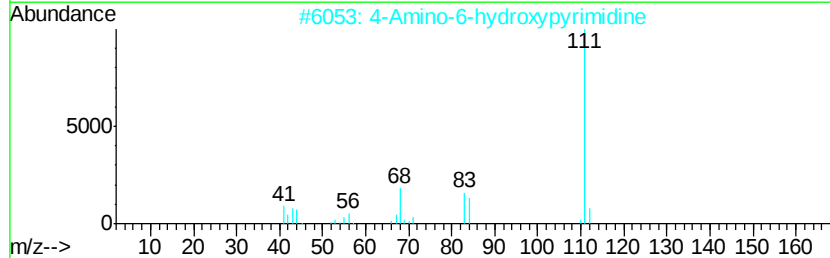
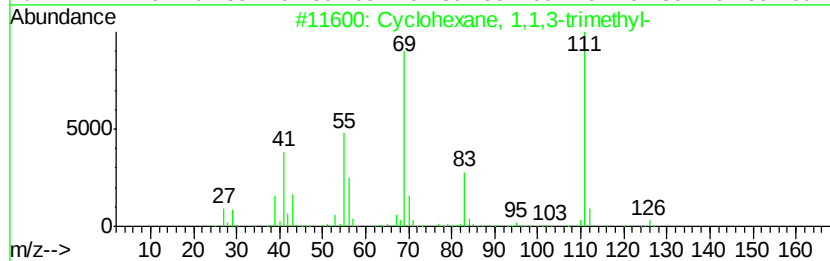
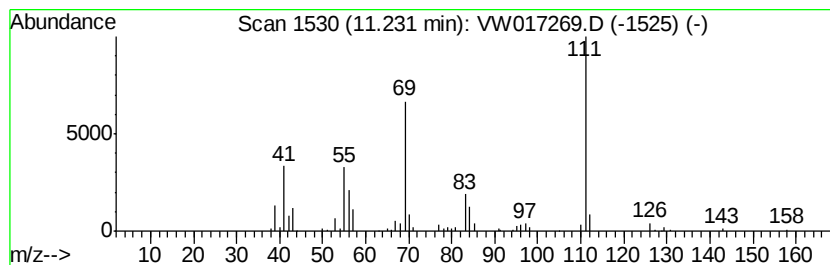
Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Cyclic11.23 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.23	2.25 ug/L	61287	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
2		4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	53
3		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	53
4		Acetamide, 2-fluoro-N-phenyl-	153	C8H8FNO	000330-68-7	53
5		Silane, 1-butylnyltrimethyl-	126	C7H14Si	062108-37-6	53



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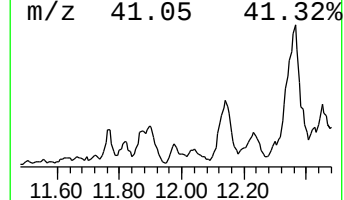
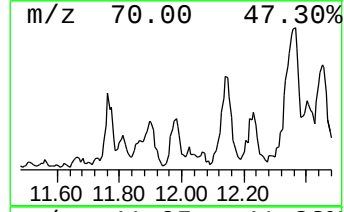
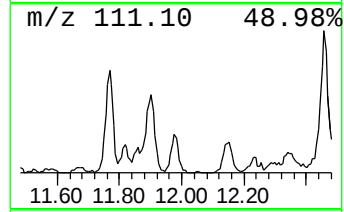
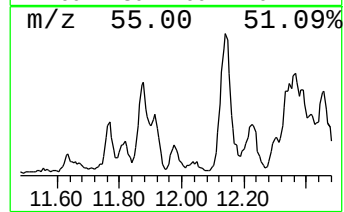
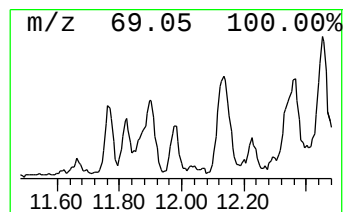
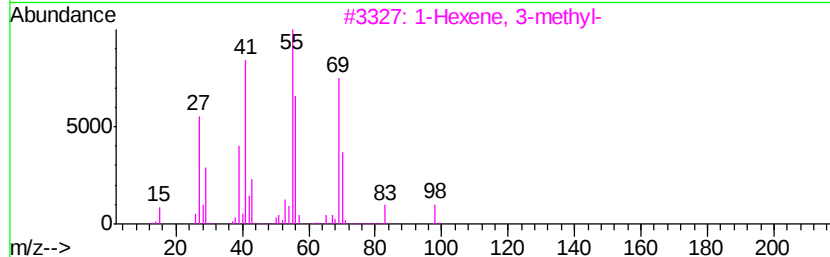
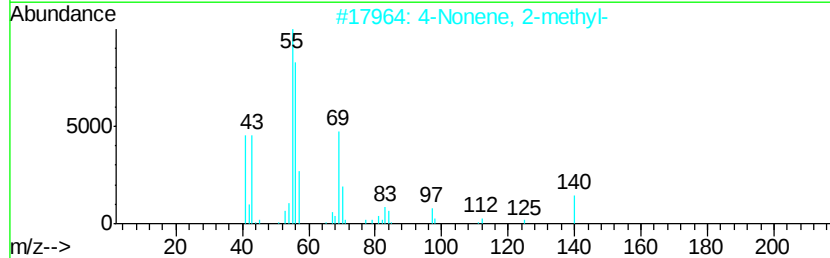
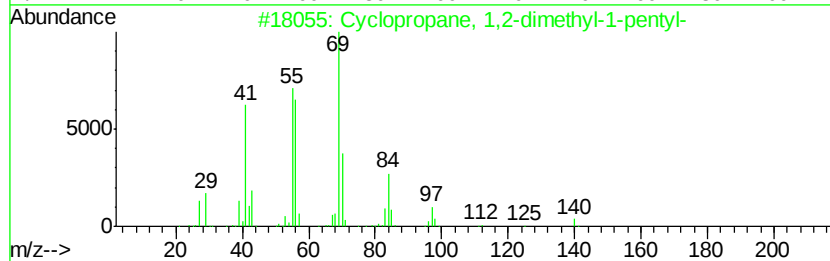
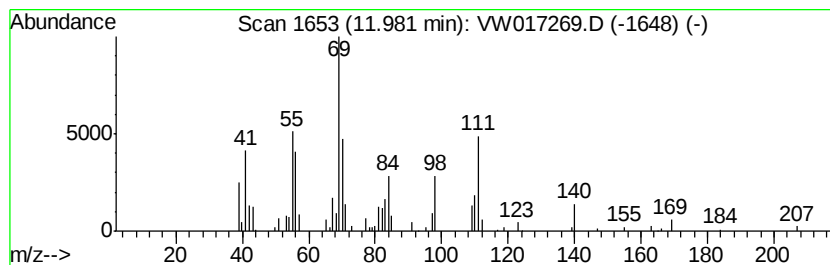
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic11.98 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.98	1.46 ug/L	39590	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	58
2	4-Nonene, 2-methyl-	140	C10H20	055724-84-0	52
3	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	52
4	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	49
5	Cyclopropane, 1,1,2-trimethyl-3-...	140	C10H20	041977-43-9	46



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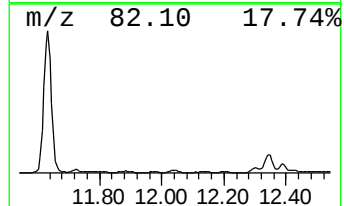
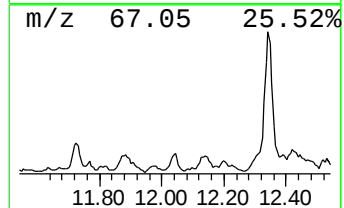
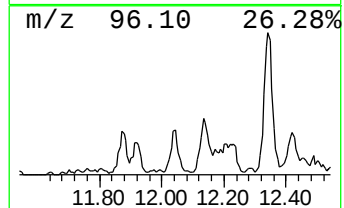
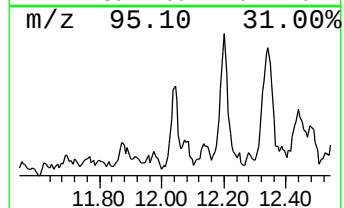
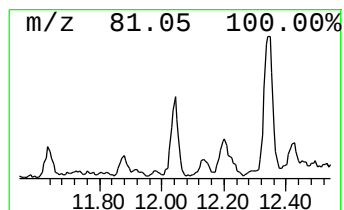
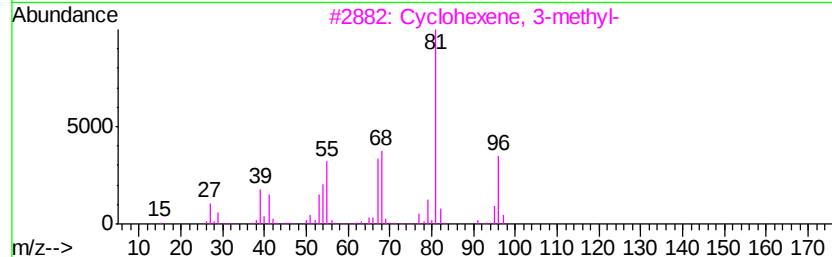
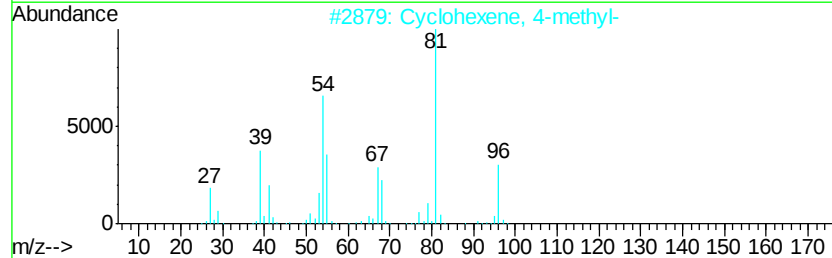
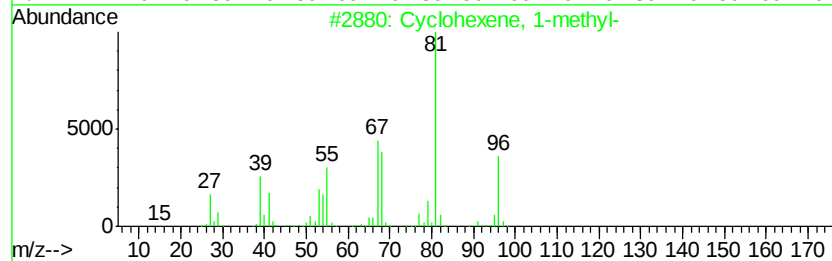
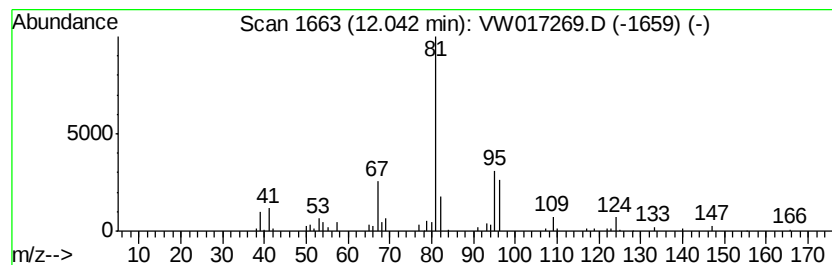
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 6 Cyclohexene, 1-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	1.27 ug/L	34528	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	50
2		Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	50
3		Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	50
4		Pentalene, octahydro-2,5-dimethyl-	138	C10H18	028588-55-8	50
5		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

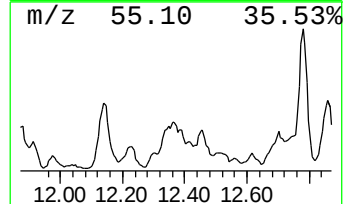
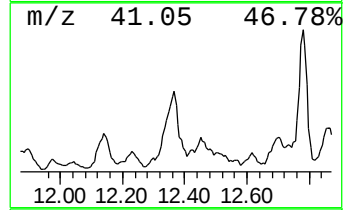
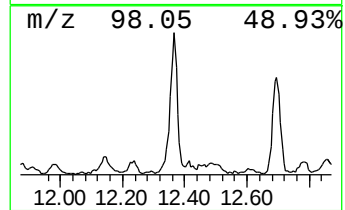
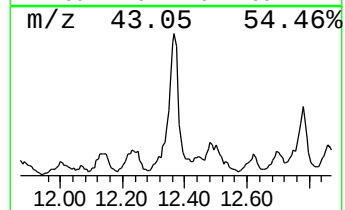
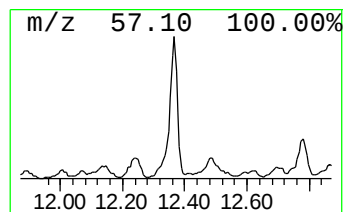
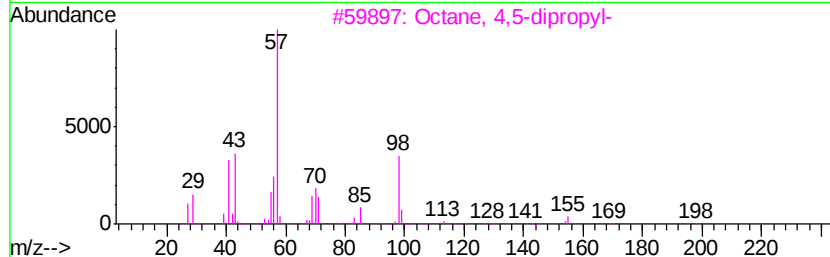
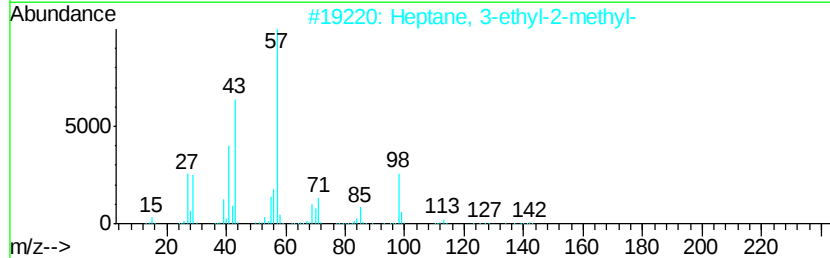
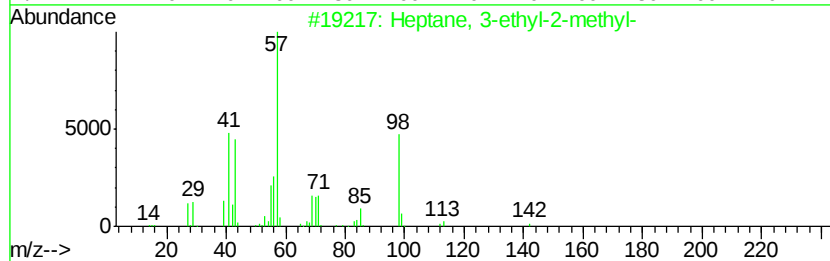
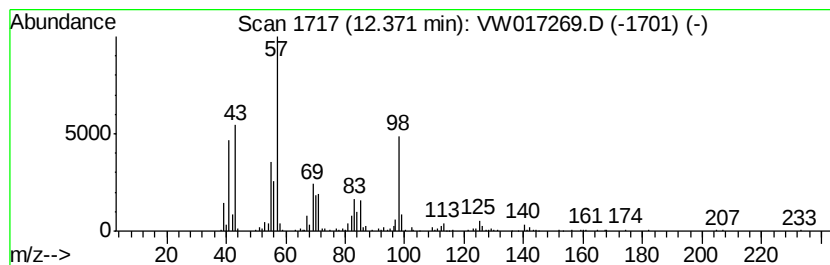
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	16.89 ug/L	459317	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	87
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
3		Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	53
4		Heptane, 4-propyl-	142	C10H22	003178-29-8	52
5		Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

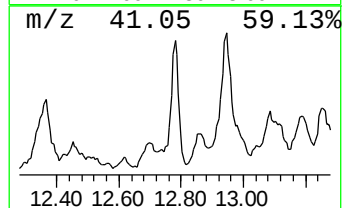
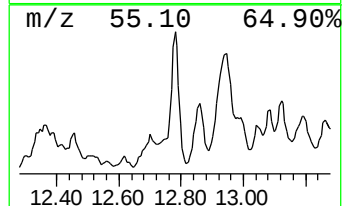
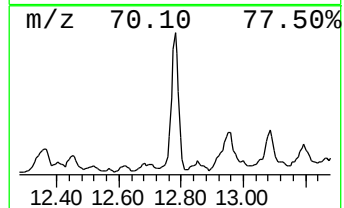
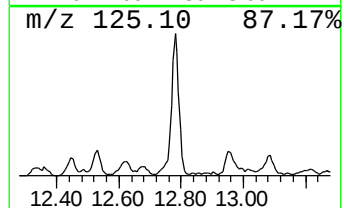
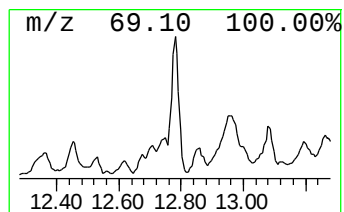
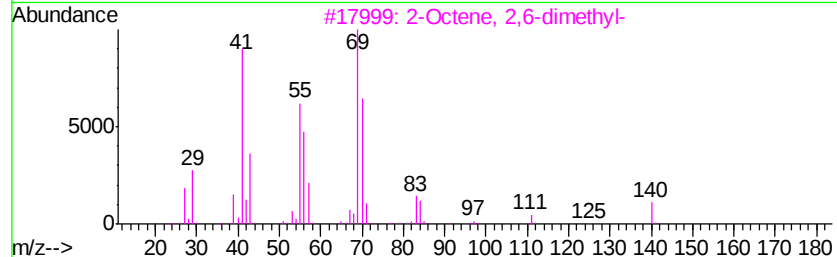
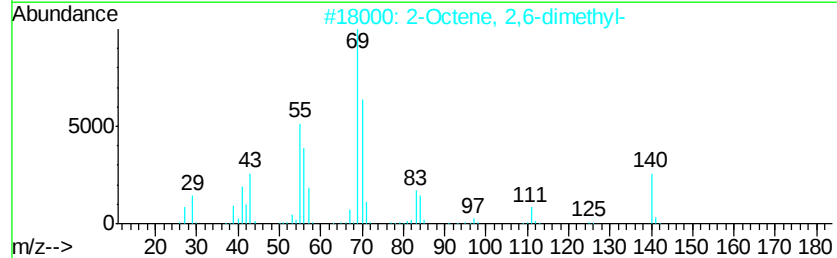
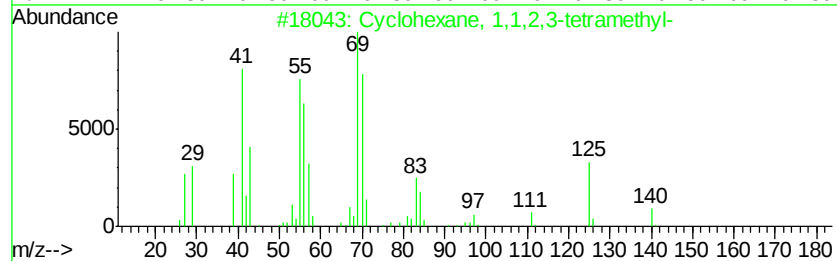
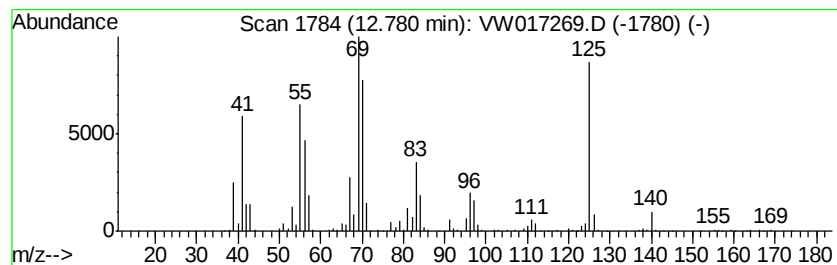
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Cyclic12.78 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	15.25 ug/L	431507	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	70
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	60
3		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	60
4		4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	47
5		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

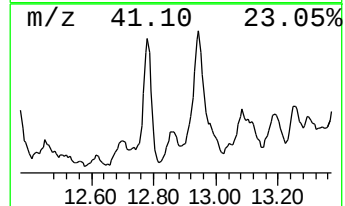
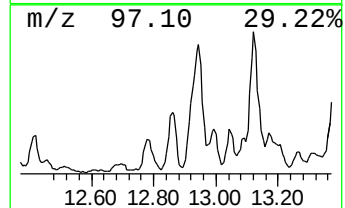
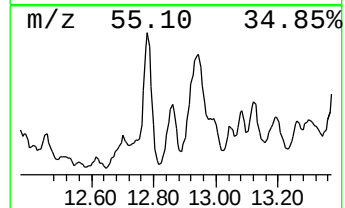
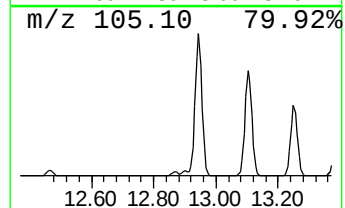
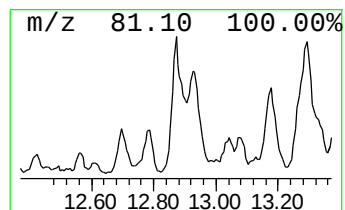
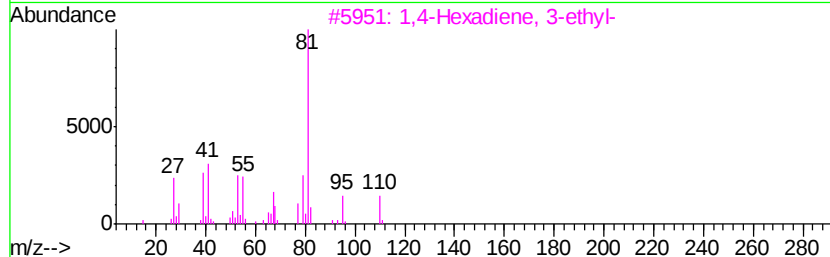
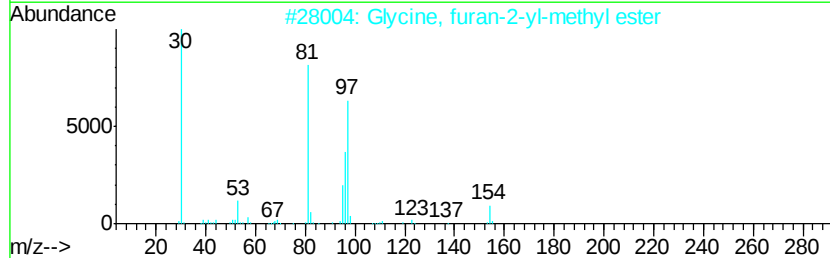
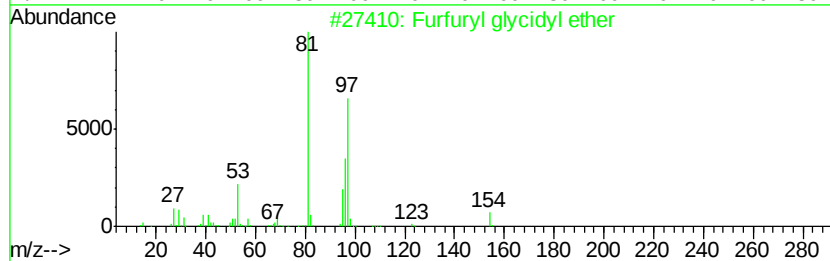
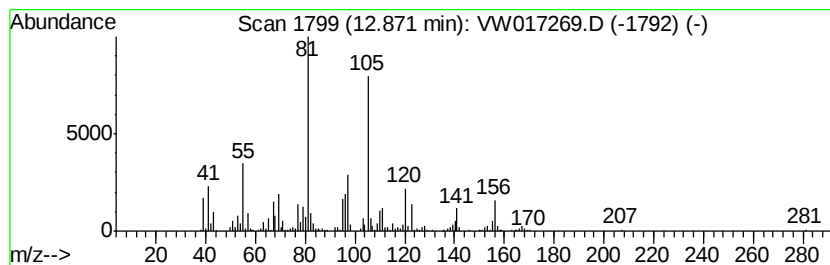
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Quant Title : VOC Analysis

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

Peak Number 10 unknown-01 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	7.04 ug/L	199274	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Furfuryl glycidyl ether	154	C8H10O3	005380-87-0	43
2			Glycine, furan-2-yl-methyl ester	155	C7H9NO3	1000306-78-7	43
3			1,4-Hexadiene, 3-ethyl-	110	C8H14	002080-89-9	38
4			Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	27
5			2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

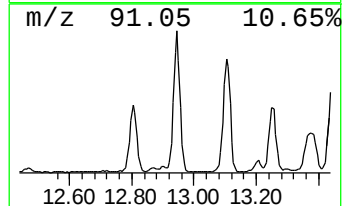
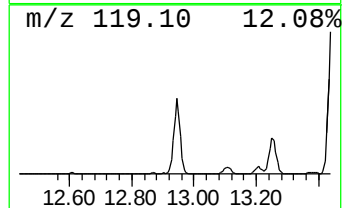
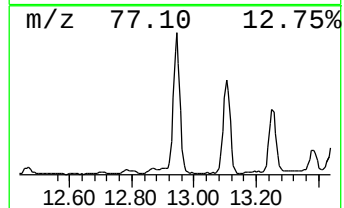
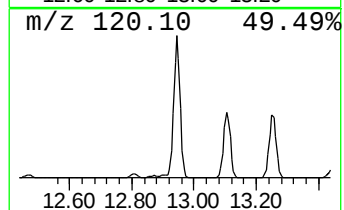
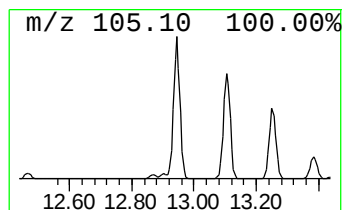
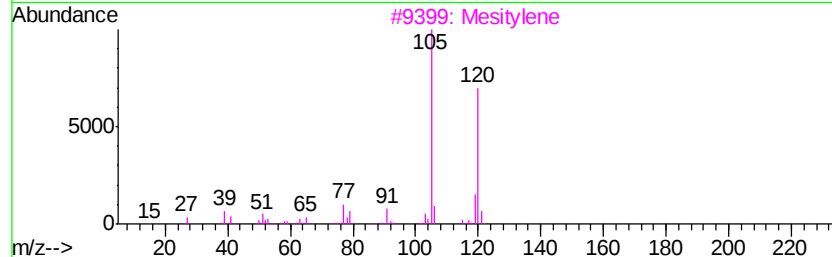
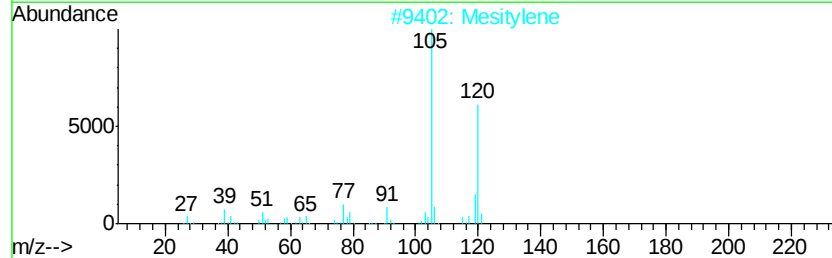
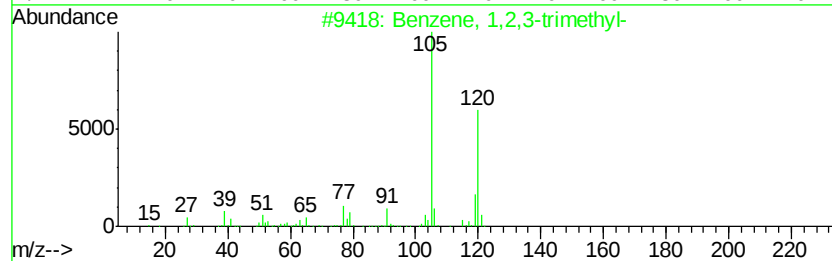
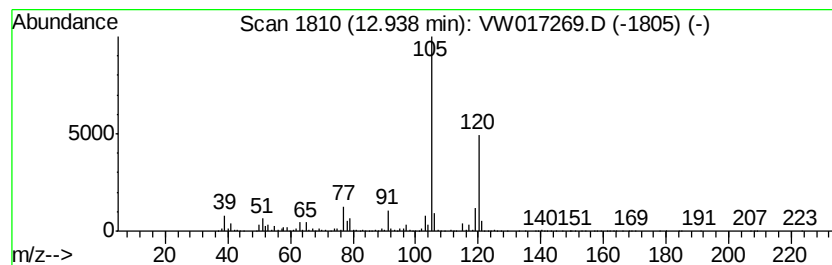
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	83.38 ug/L	2359280	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	97
2		Mesitylene	120	C9H12	000108-67-8	97
3		Mesitylene	120	C9H12	000108-67-8	97
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
5		Mesitylene	120	C9H12	000108-67-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

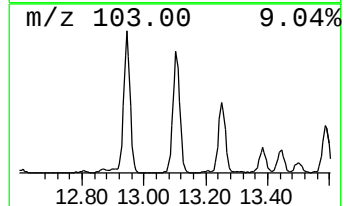
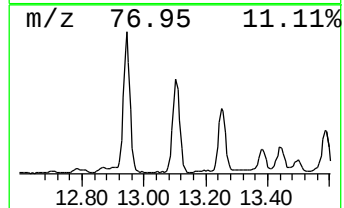
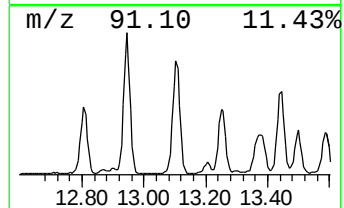
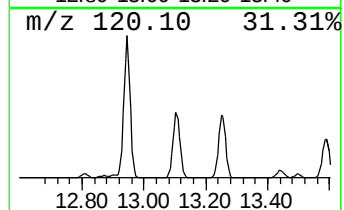
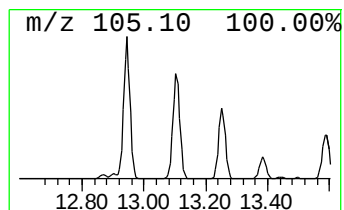
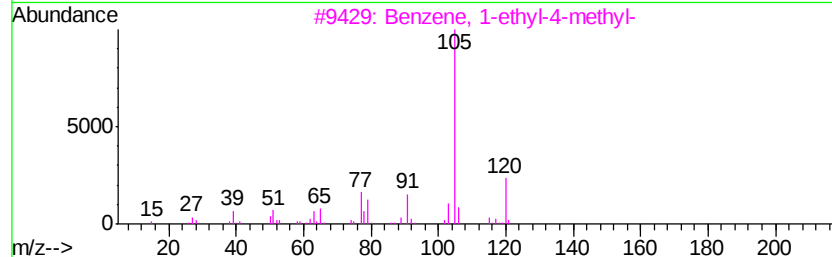
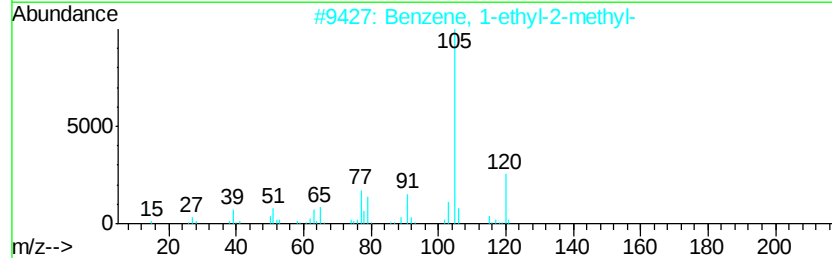
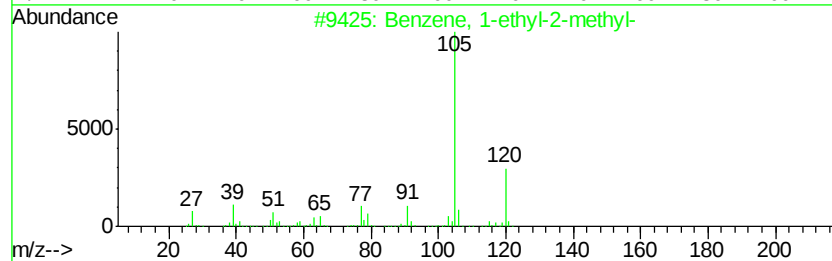
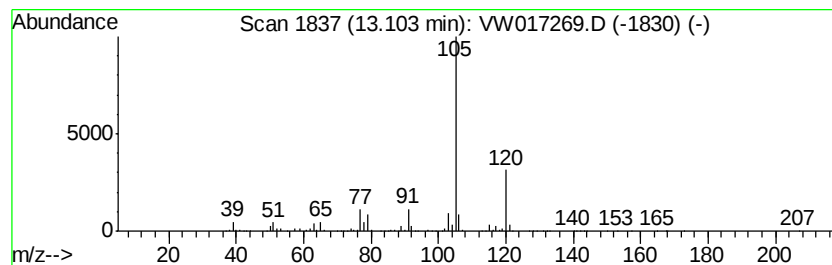
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	47.58 ug/L	1346500	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

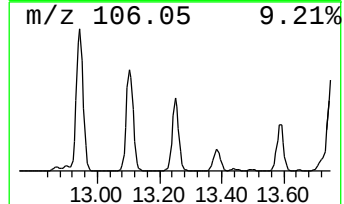
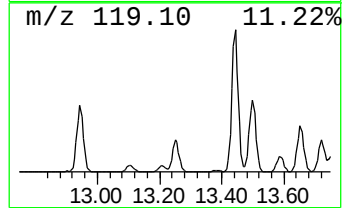
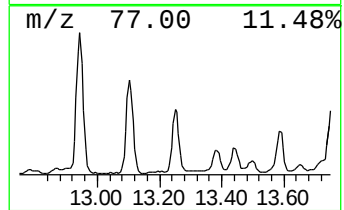
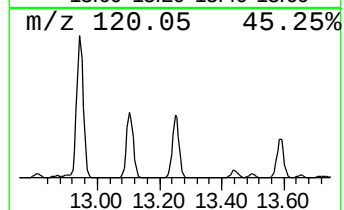
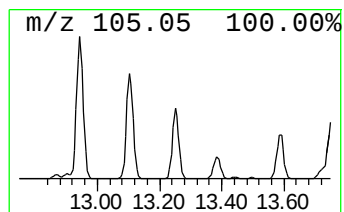
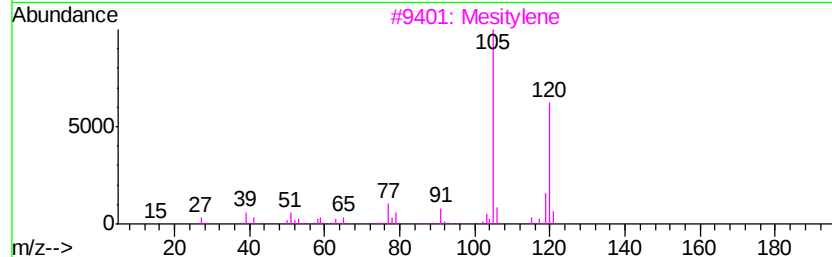
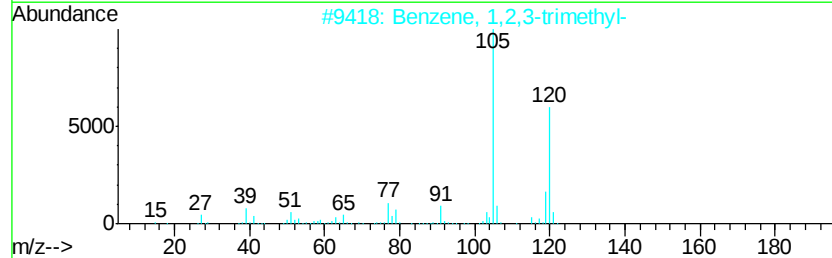
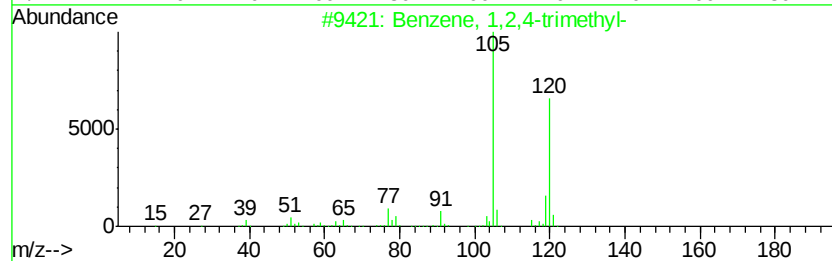
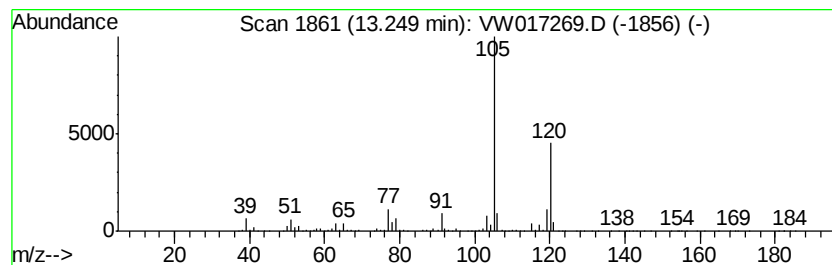
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 1,2,4-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	33.46 ug/L	946840	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3		Mesitylene	120	C9H12	000108-67-8	94
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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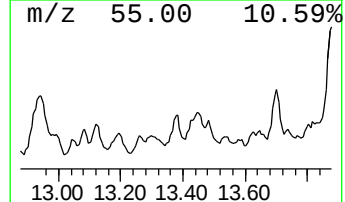
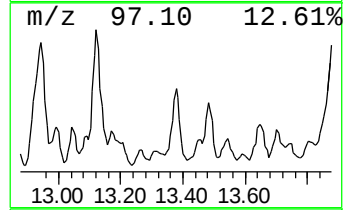
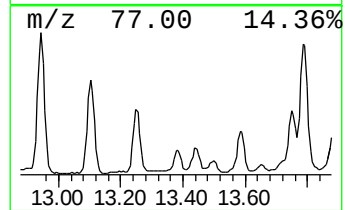
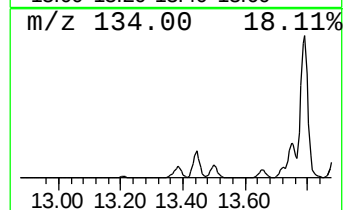
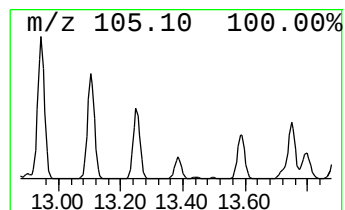
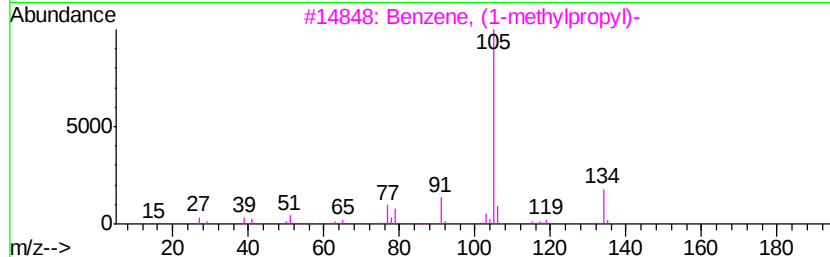
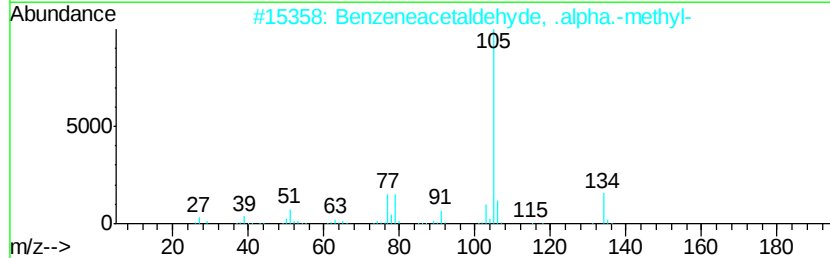
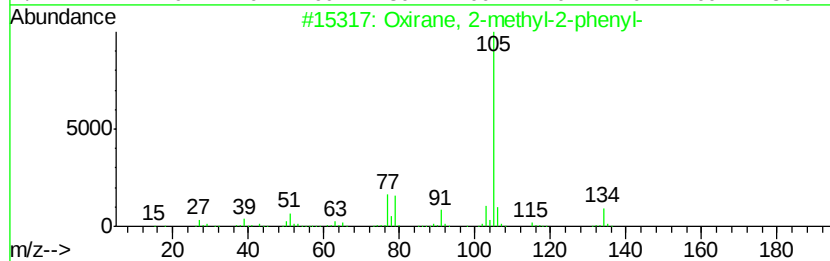
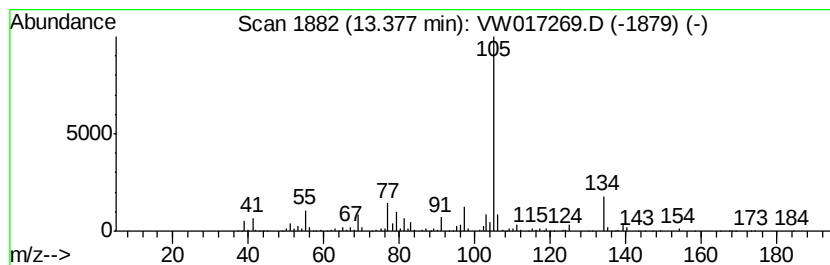
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Quant Title : VOC Analysis

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

Peak Number 14 Oxirane, 2-methyl-2-phenyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	9.20 ug/L	260424	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	74
2		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	74
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	74
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	72
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

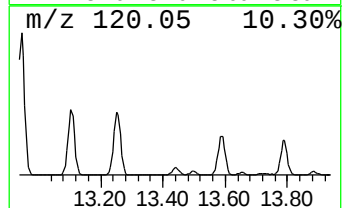
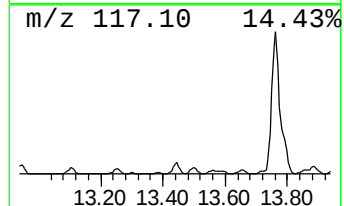
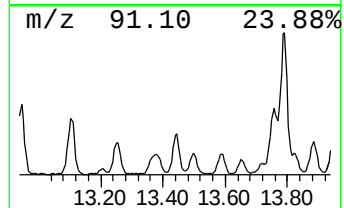
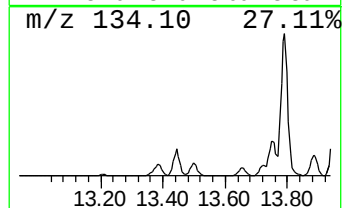
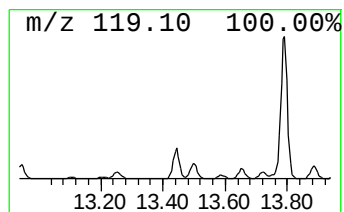
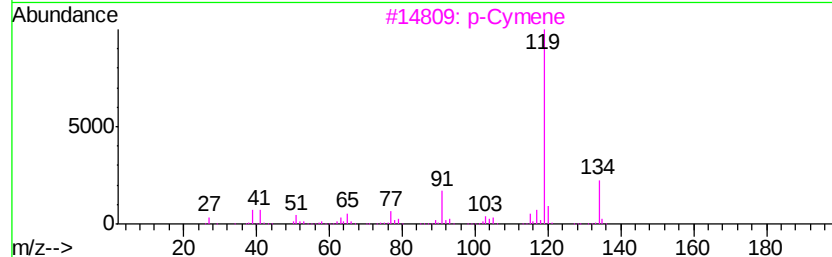
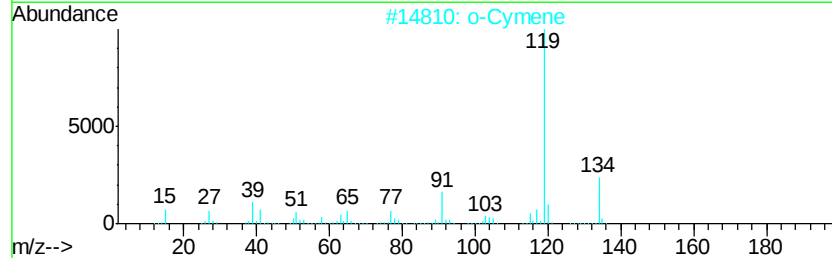
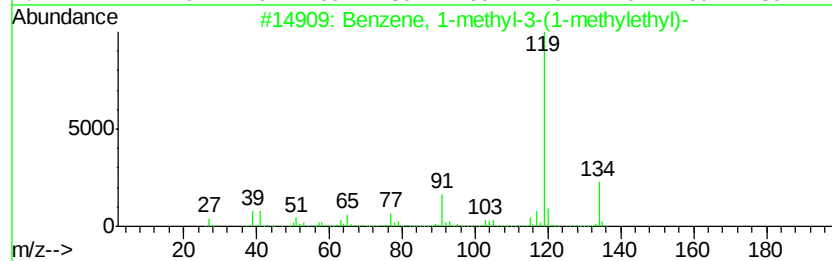
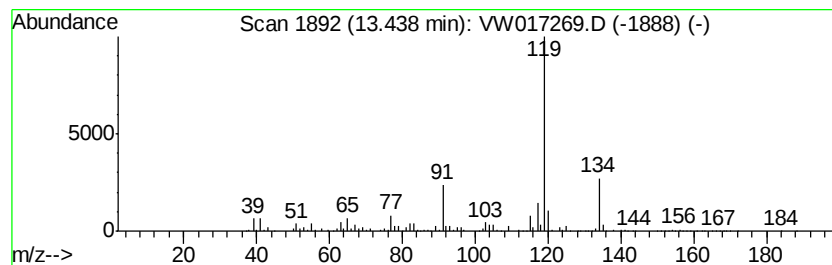
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1-methyl-3-(1-meth... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	20.14 ug/L	569767	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		p-Cymene	134	C10H14	000099-87-6	95
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5		o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

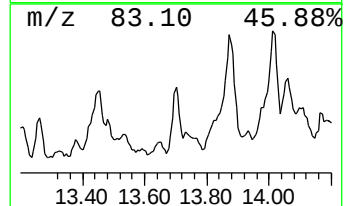
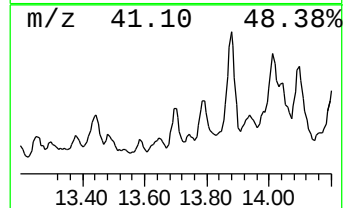
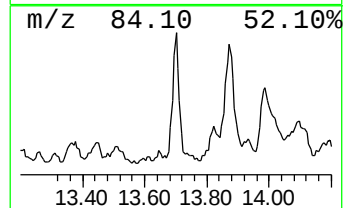
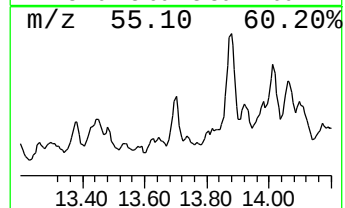
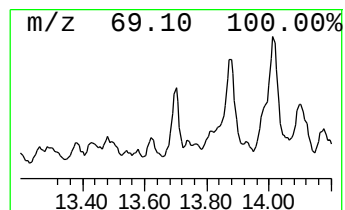
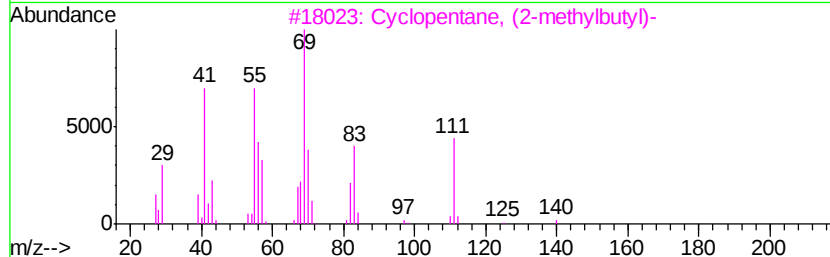
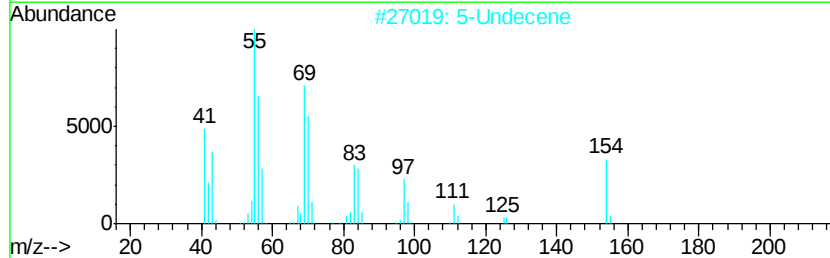
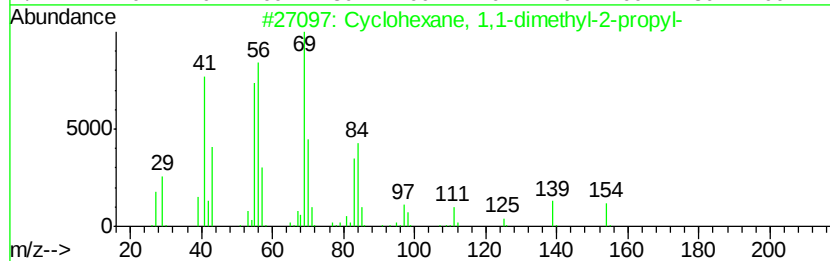
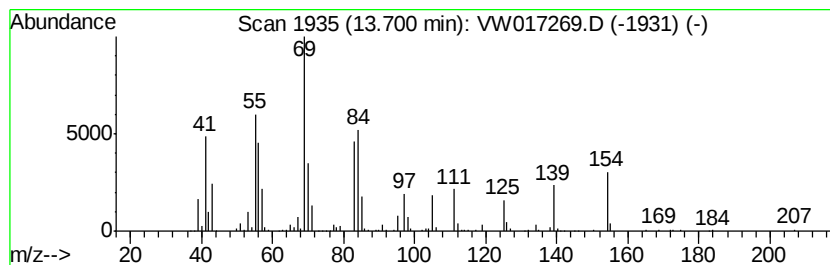
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Cyclic13.70 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	9.87 ug/L	279284	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	87
2			5-Undecene	154	C11H22	004941-53-1	64
3			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	46
4			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	43
5			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

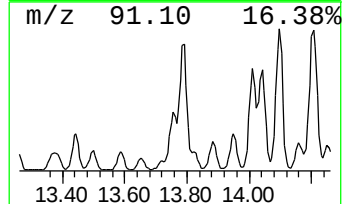
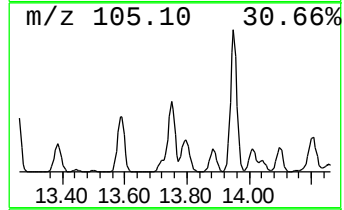
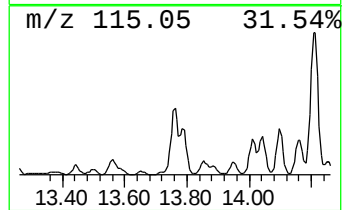
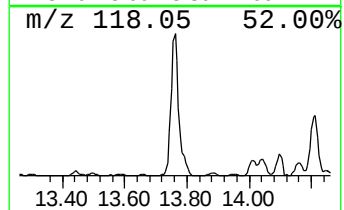
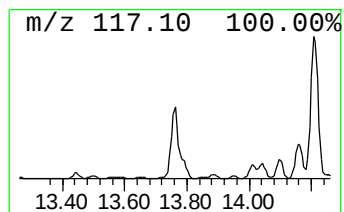
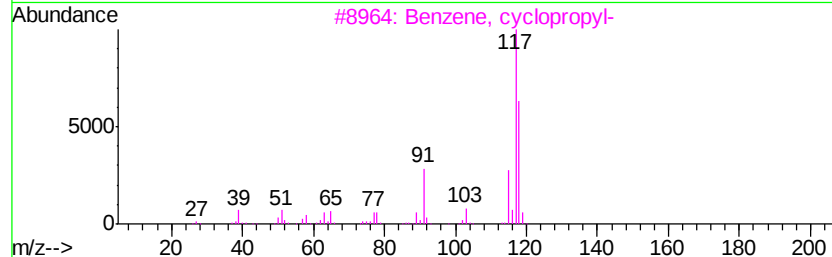
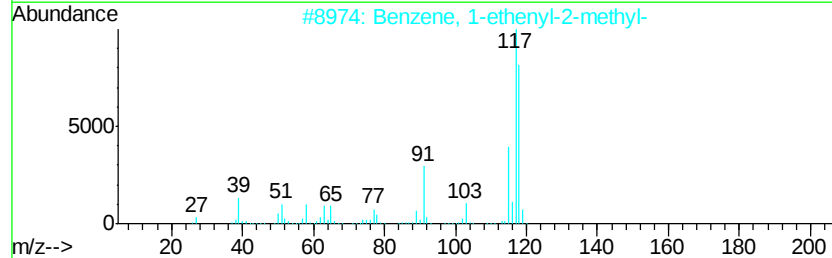
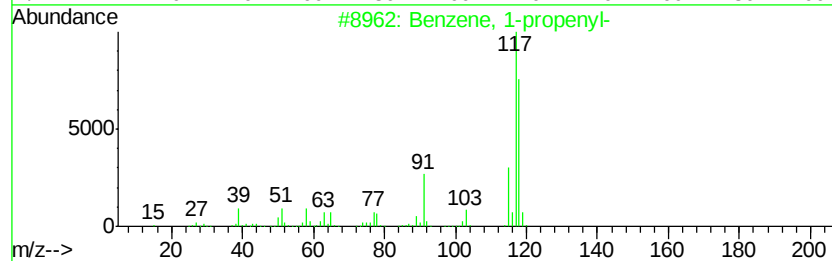
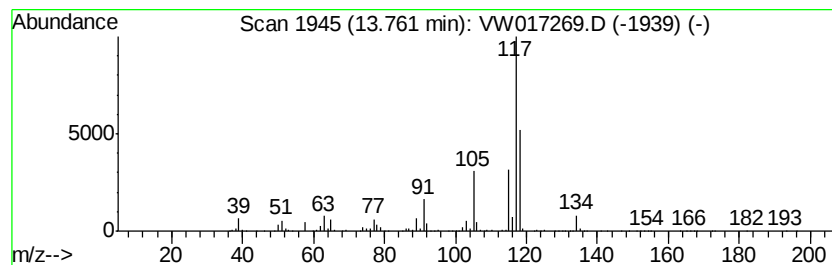
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 1-propenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	47.13 ug/L	1333720	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	70
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	70
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4		Indane	118	C9H10	000496-11-7	70
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

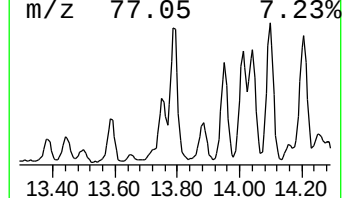
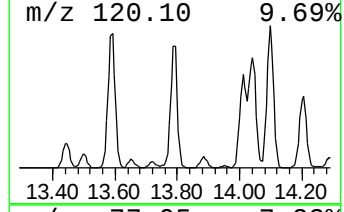
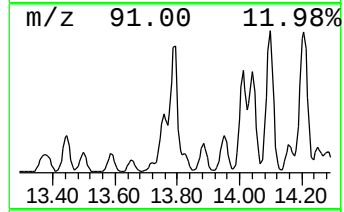
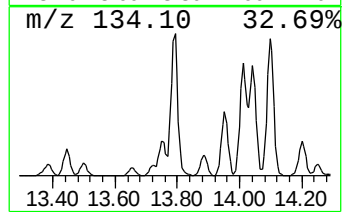
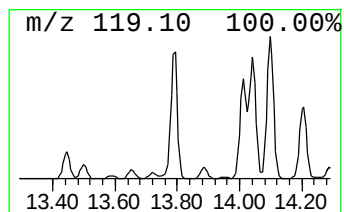
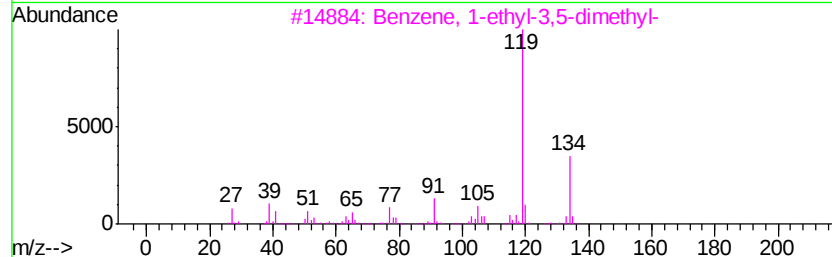
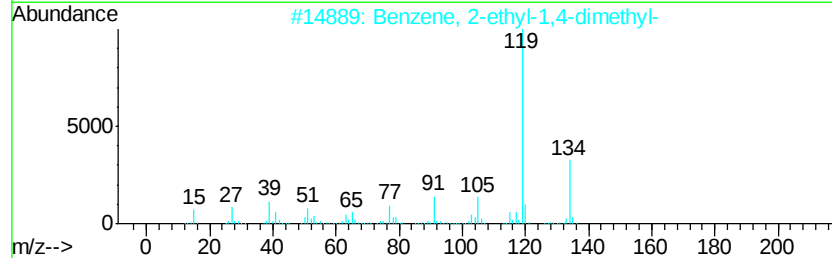
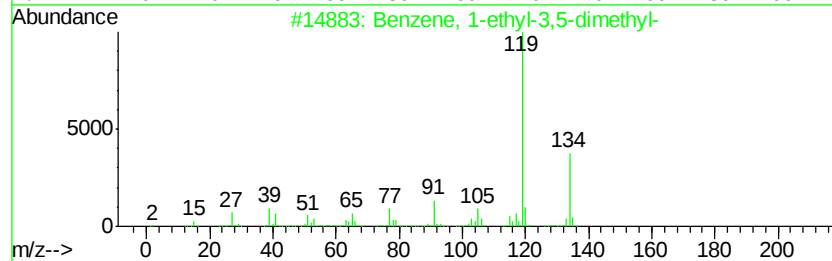
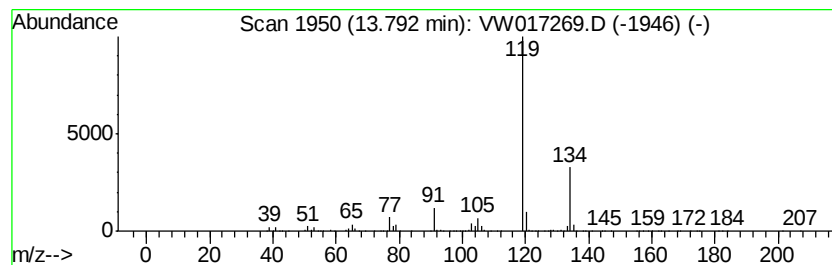
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Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	81.10 ug/L	2294940	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

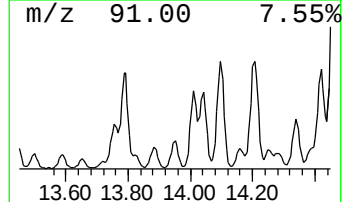
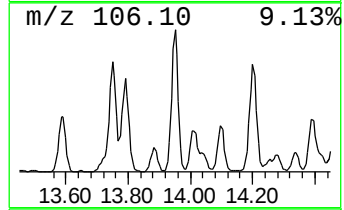
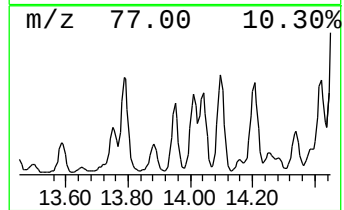
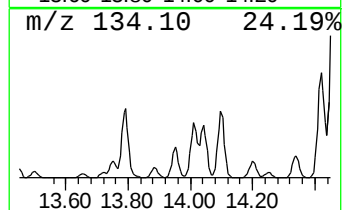
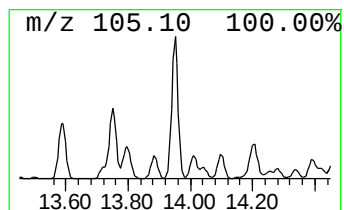
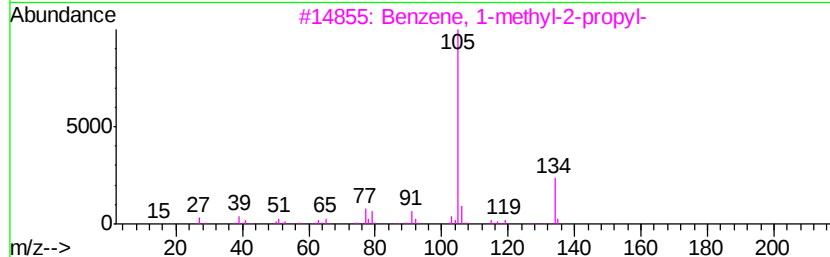
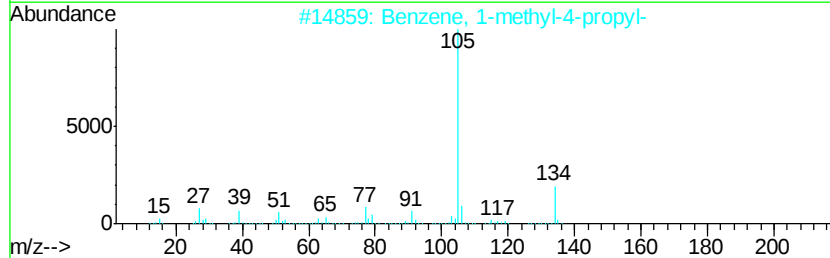
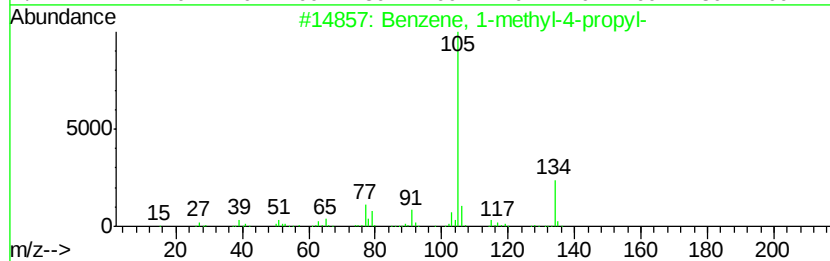
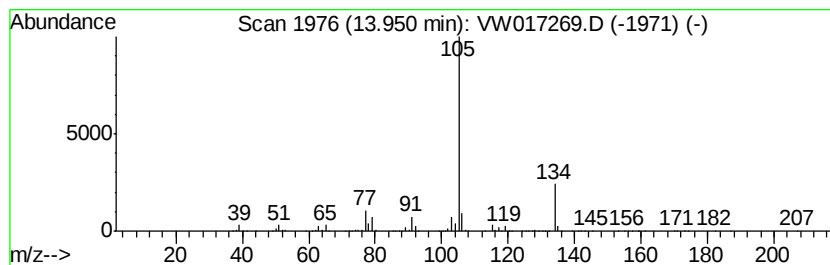
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Quant Title : VOC Analysis

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

Peak Number 19 Benzene, 1-methyl-4-propyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	37.42 ug/L	1058880	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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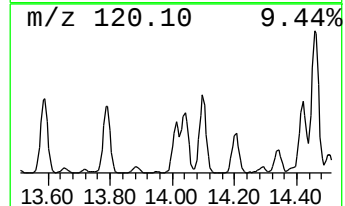
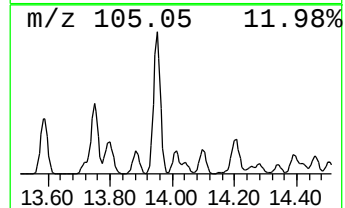
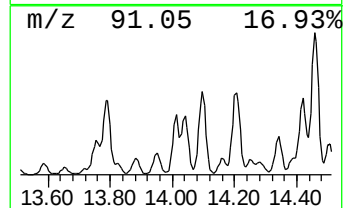
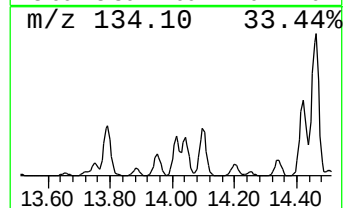
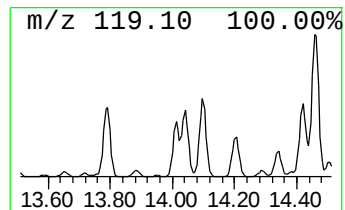
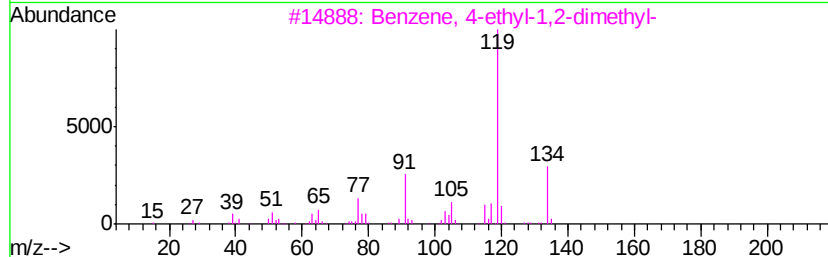
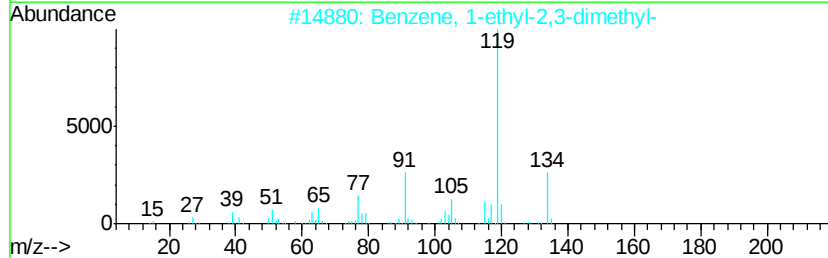
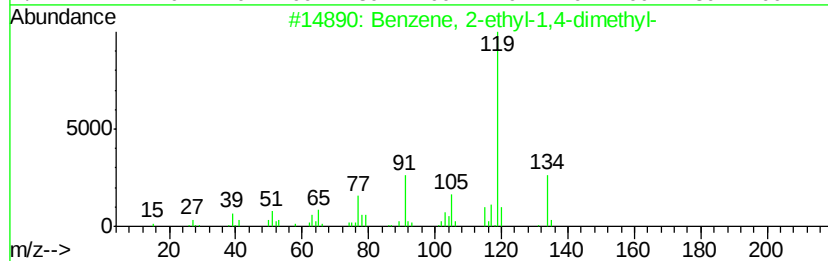
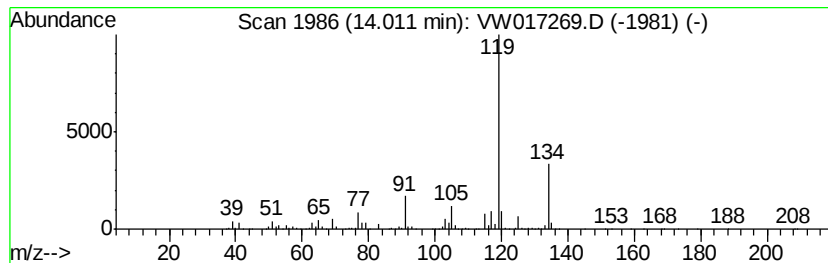
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Quant Title : VOC Analysis

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

Peak Number 20 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	62.62 ug/L	1771820	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

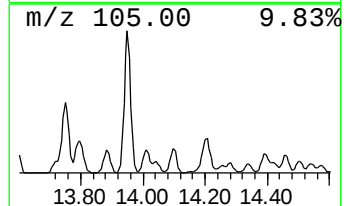
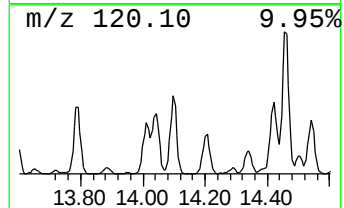
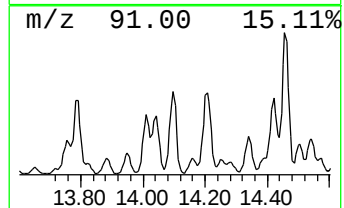
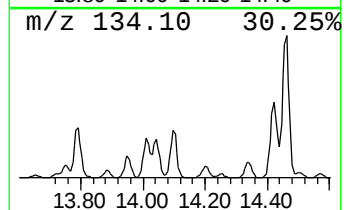
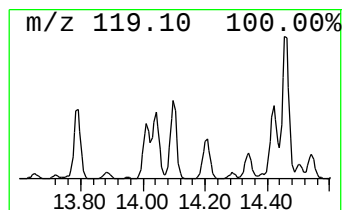
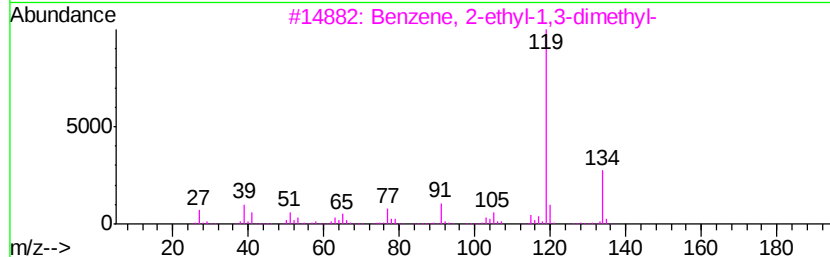
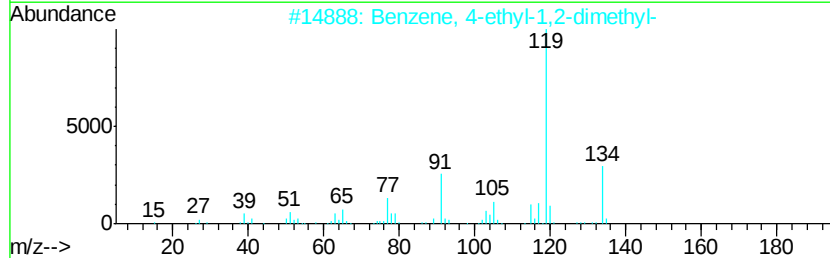
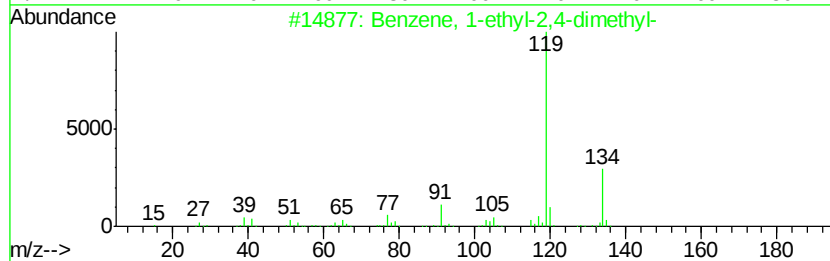
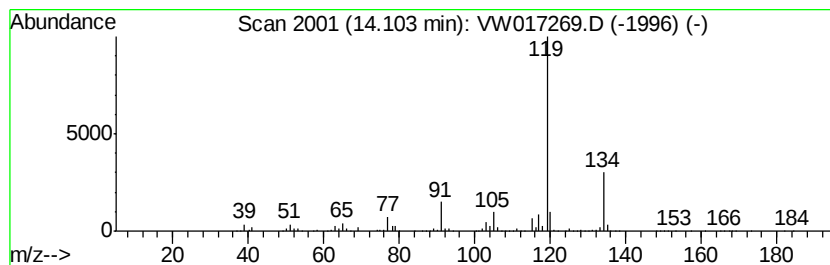
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Quant Title : VOC Analysis

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

Peak Number 21 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	86.94 ug/L	2460220	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	97
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

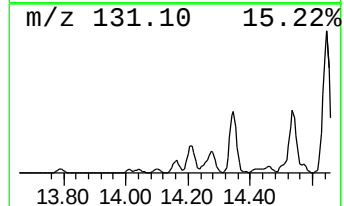
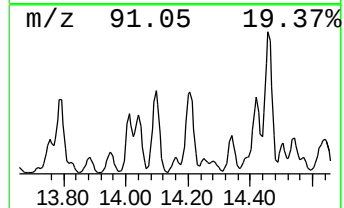
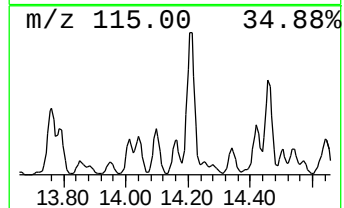
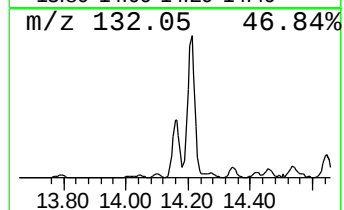
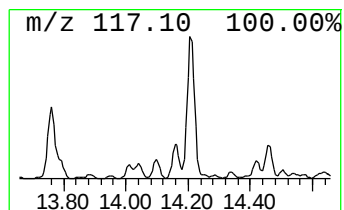
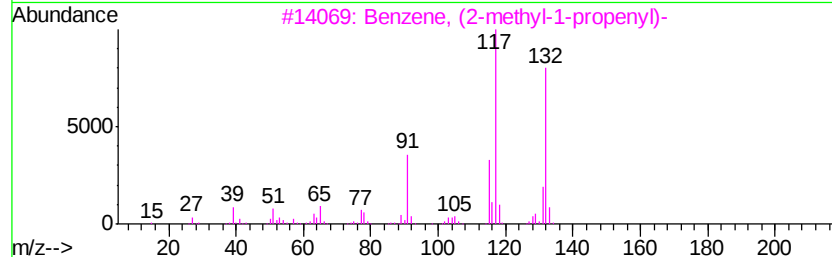
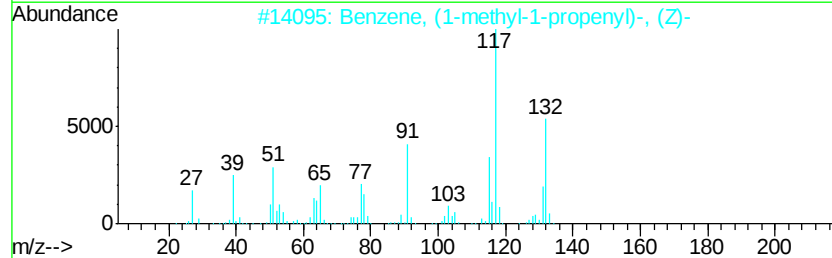
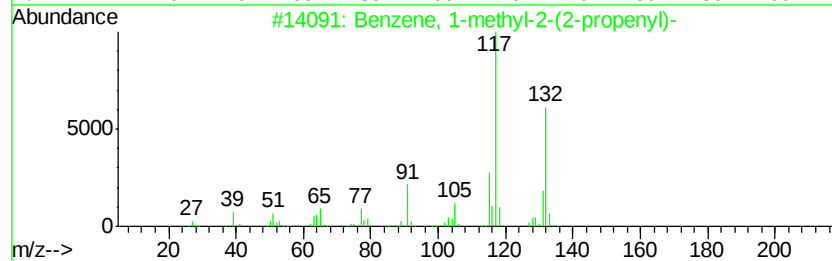
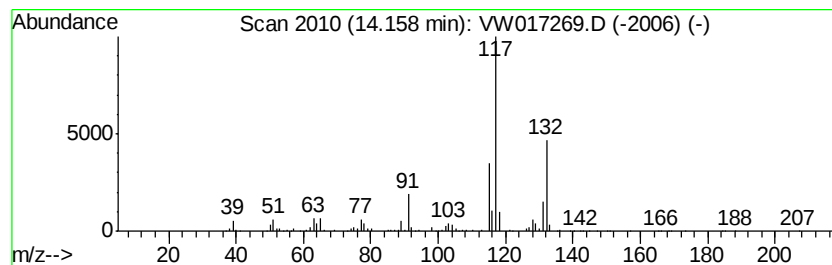
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Quant Title : VOC Analysis

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

Peak Number 22 Benzene, 1-methyl-2-(2-prop... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	17.38 ug/L	491761	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
2		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	91
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
4		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	90
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

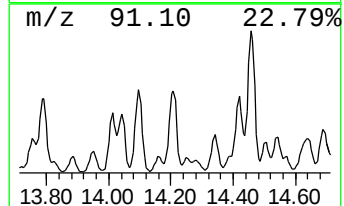
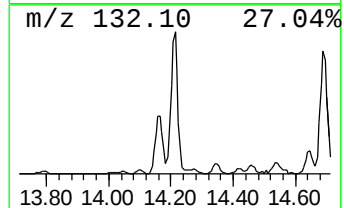
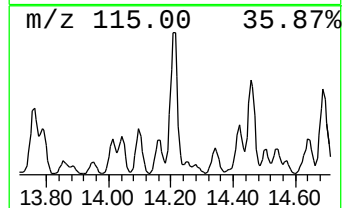
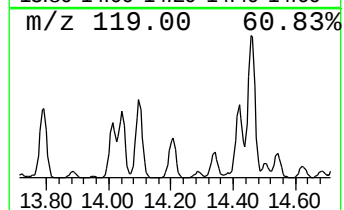
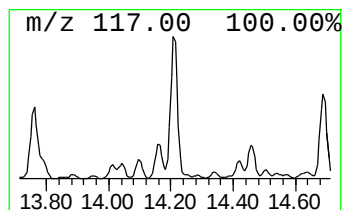
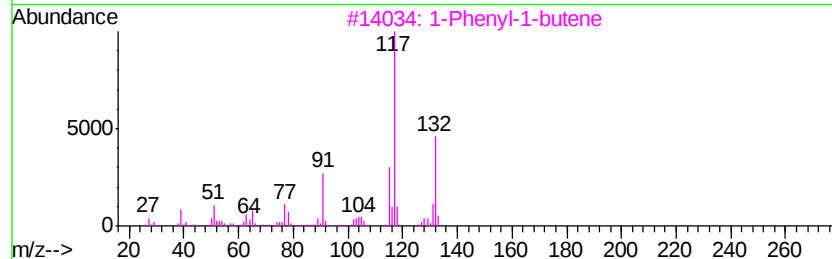
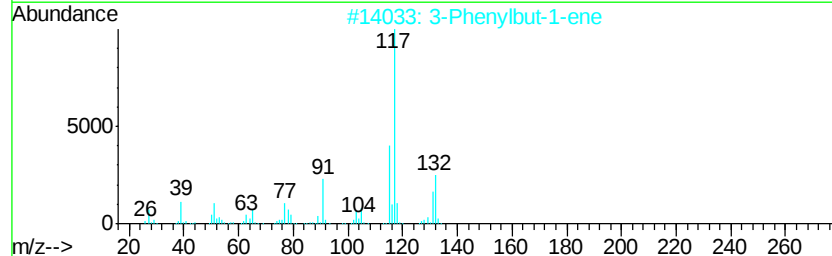
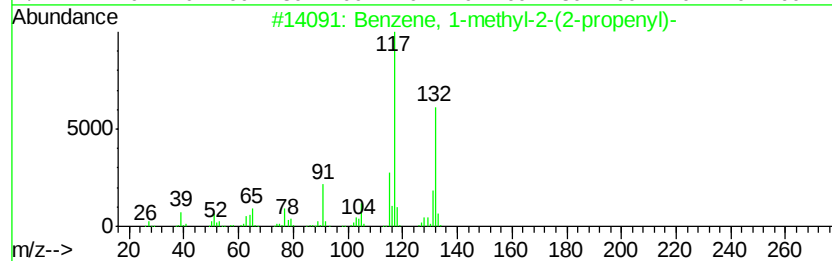
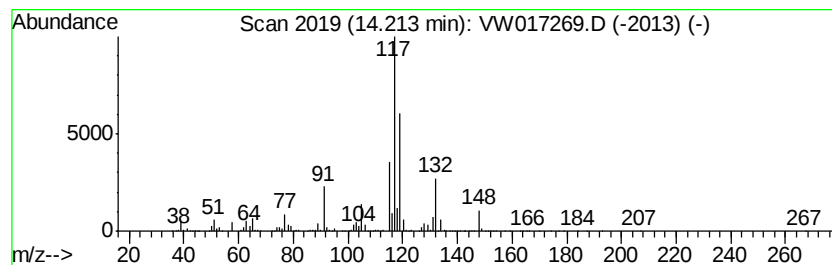
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Quant Title : VOC Analysis

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

Peak Number 23 3-Phenylbut-1-ene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	108.79 ug/L	3078390	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	60
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	55
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	50
5		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

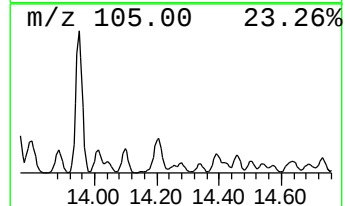
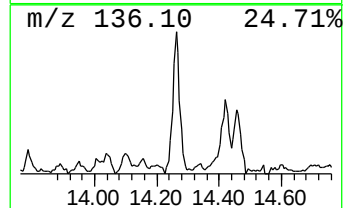
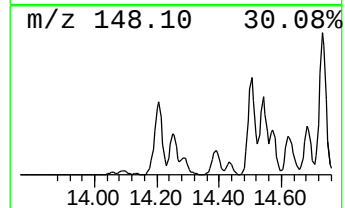
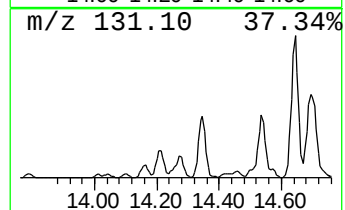
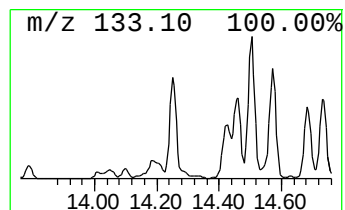
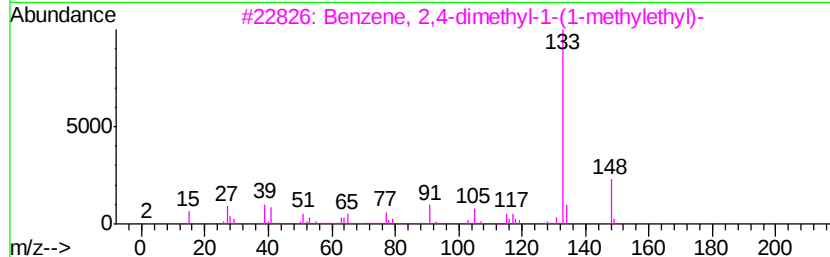
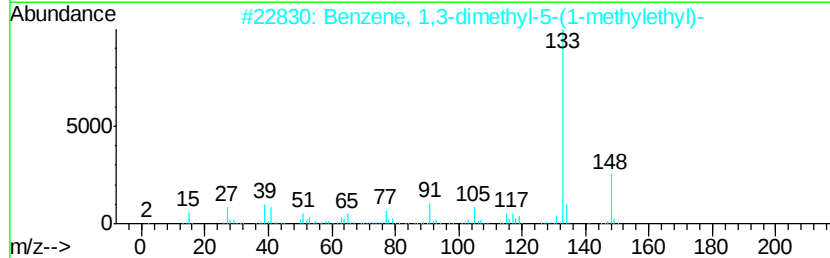
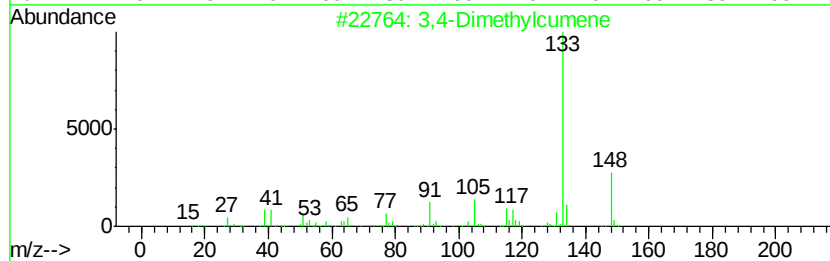
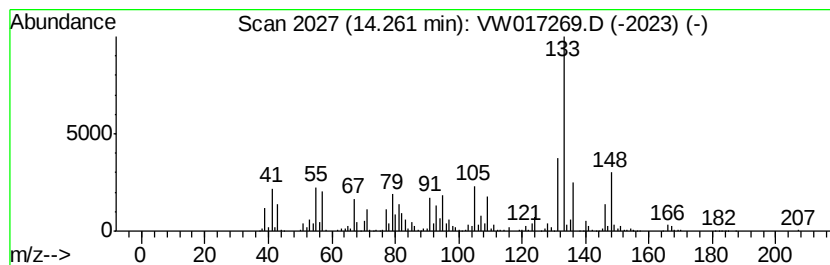
Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 24 3,4-Dimethylcumene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.			
14.26	30.39 ug/L	860072	1,4-Dichlorobenzene-d4	13.56			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Dimethylcumene	148	C11H16	1000370-34-1	83
2			Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	83
3			Benzene, 2,4-dimethyl-1-(1-methyl-...	148	C11H16	004706-89-2	74
4			4-tert-Butyltoluene	148	C11H16	000098-51-1	64
5			1-Propanone, 3-cyclopentyl-1-(2,...	230	C16H22O	055191-11-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

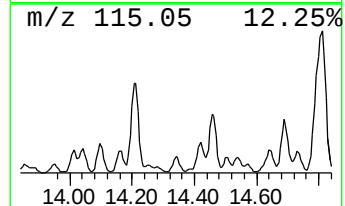
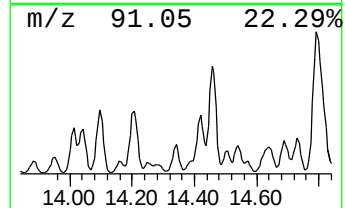
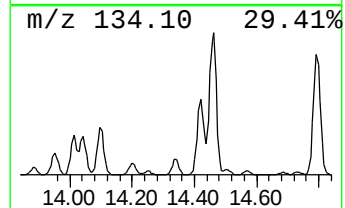
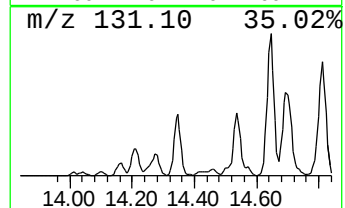
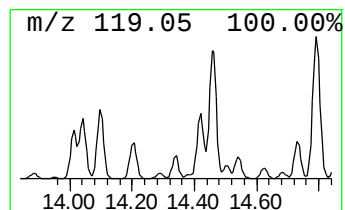
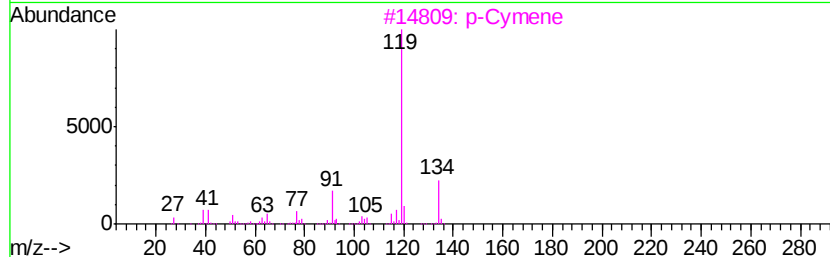
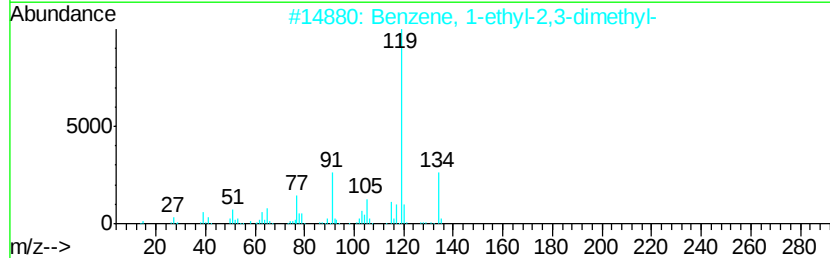
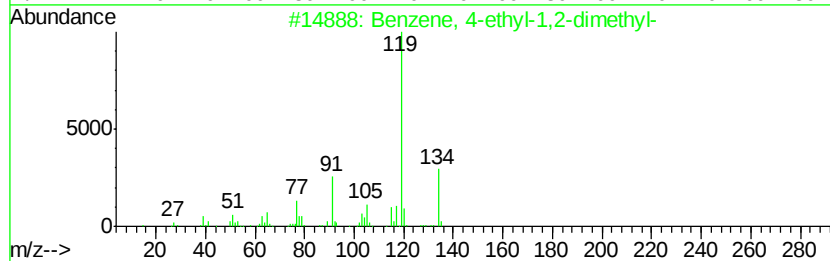
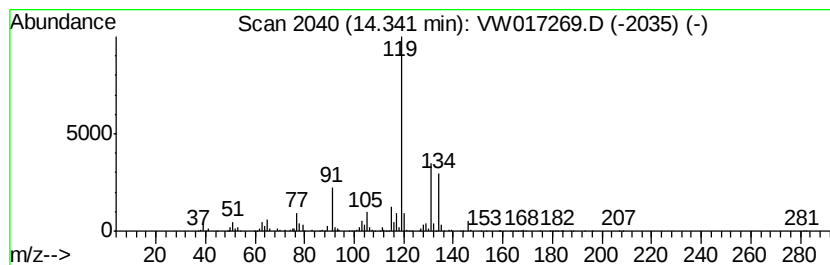
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Quant Title : VOC Analysis

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

Peak Number 25 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	36.65 ug/L	1037010	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3		p-Cymene	134	C10H14	000099-87-6	92
4		o-Cymene	134	C10H14	000527-84-4	92
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	89



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

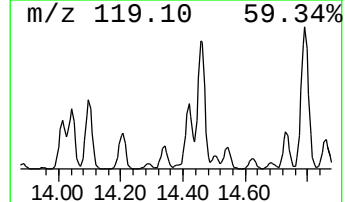
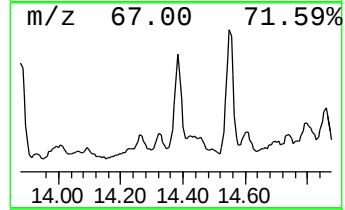
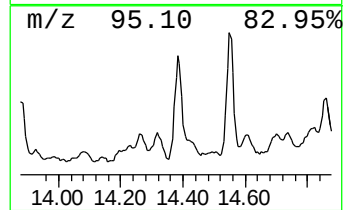
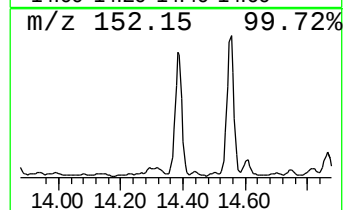
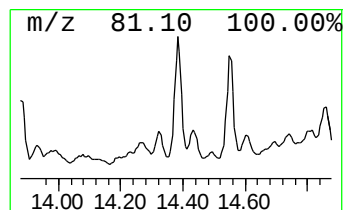
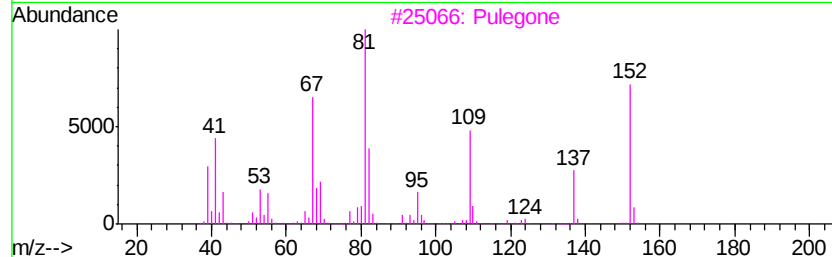
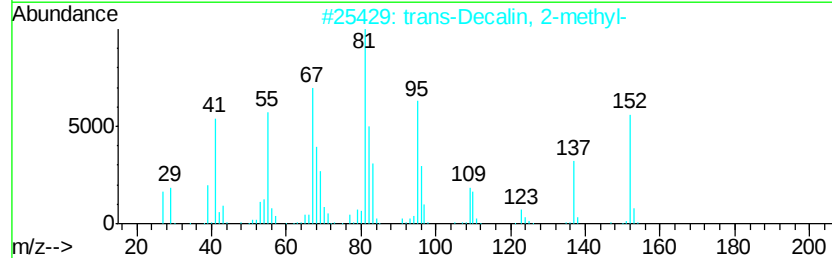
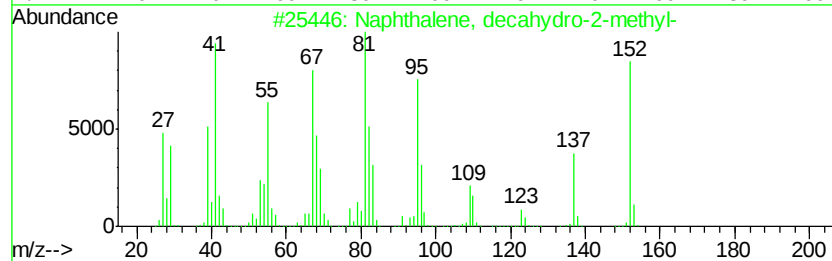
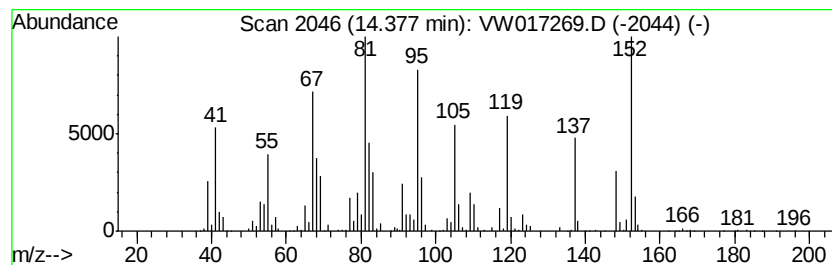
Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 26 Naphthalene, decahydro-2-me... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	26.73 ug/L	756484	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 95
2		trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3 93
3		Pulegone	152 C10H16O	000089-82-7 64
4		Cyclohexanone, 5-methyl-2-(1-met...	152 C10H16O	015932-80-6 60
5		cis-Decalin, 2-syn-methyl-	152 C11H20	1000155-85-6 55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

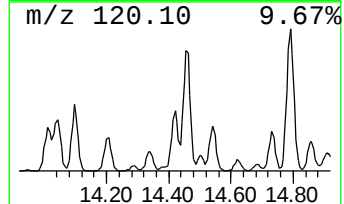
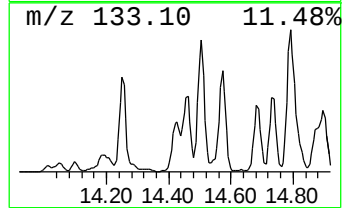
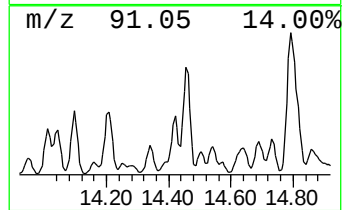
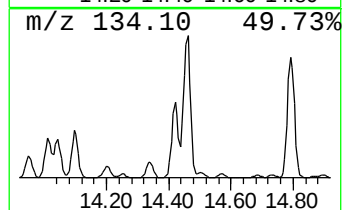
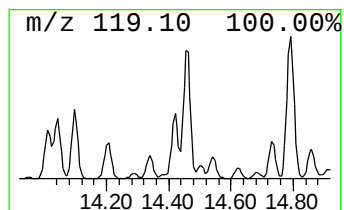
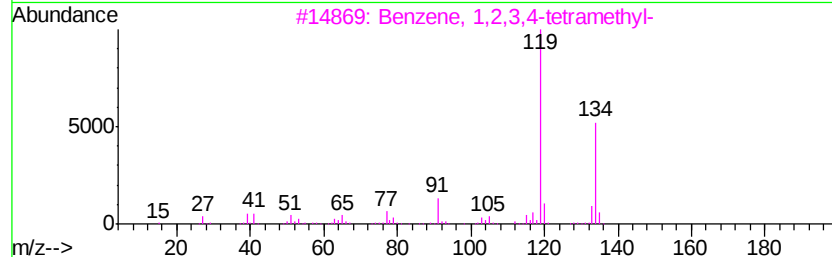
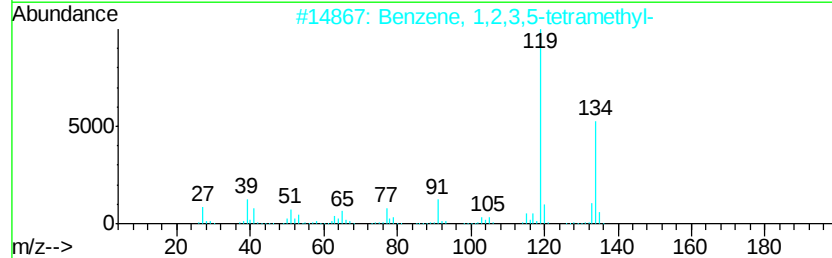
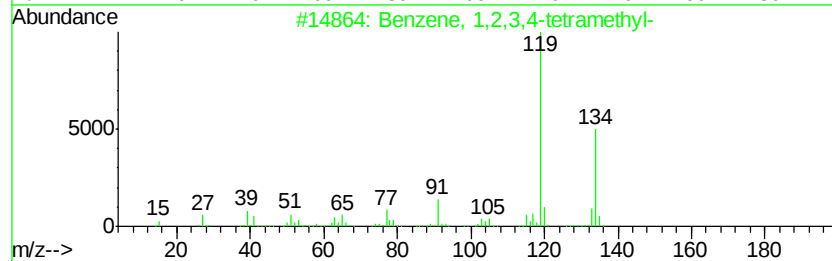
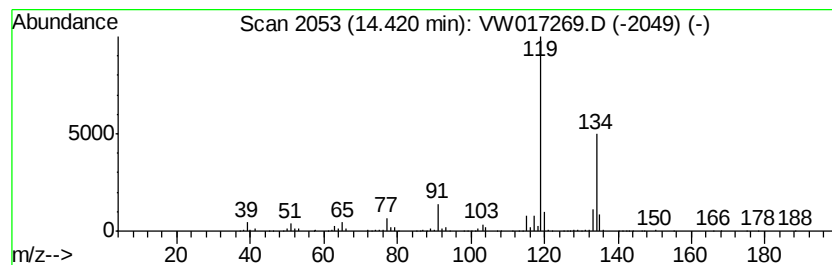
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Quant Title : VOC Analysis

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

Peak Number 27 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	95.76 ug/L	2709660	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

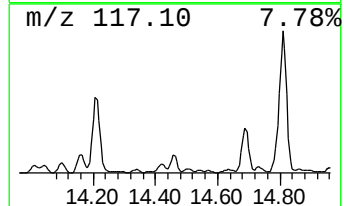
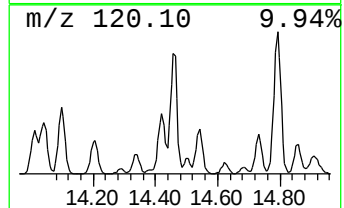
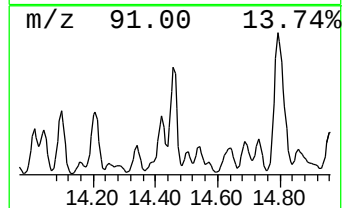
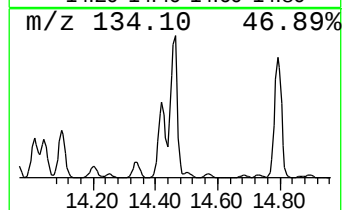
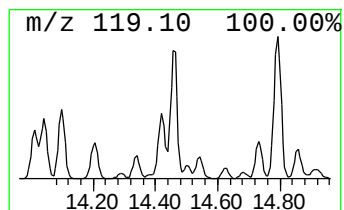
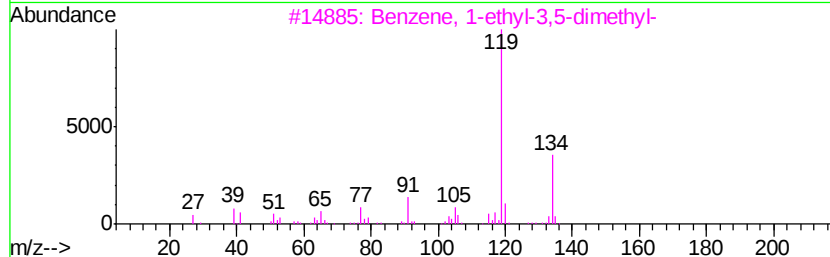
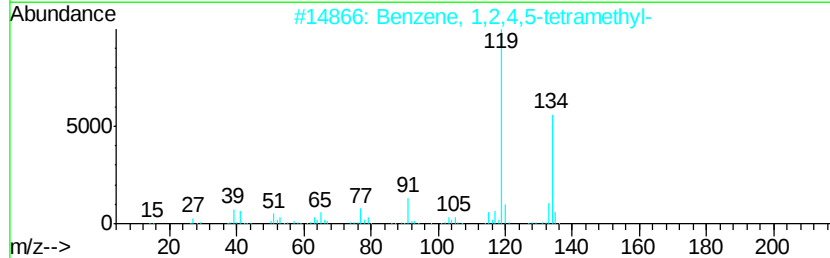
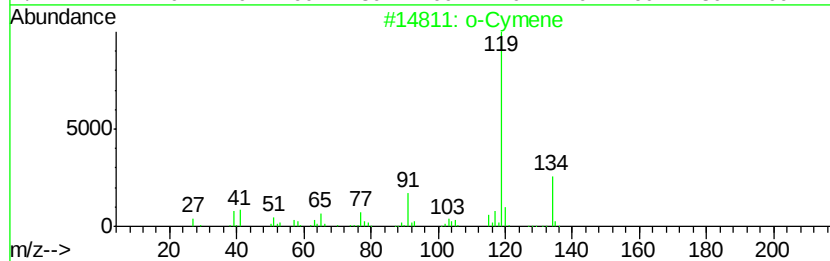
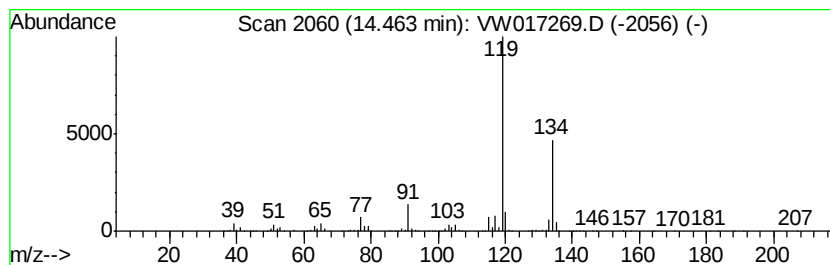
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Quant Title : VOC Analysis

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

Peak Number 28 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	163.27 ug/L	4620060	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	96
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

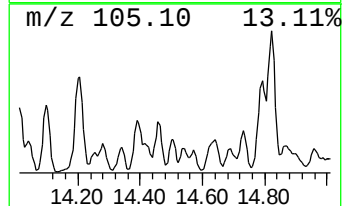
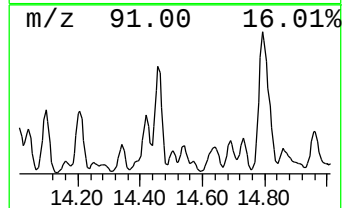
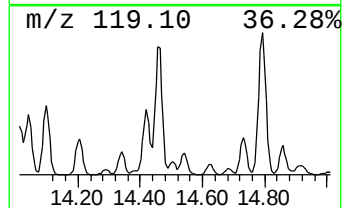
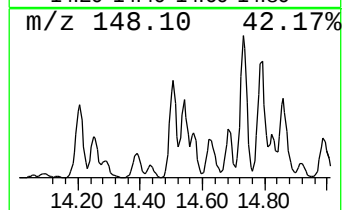
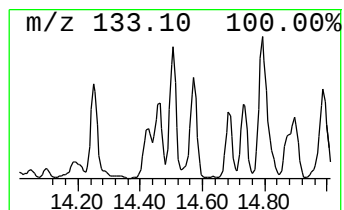
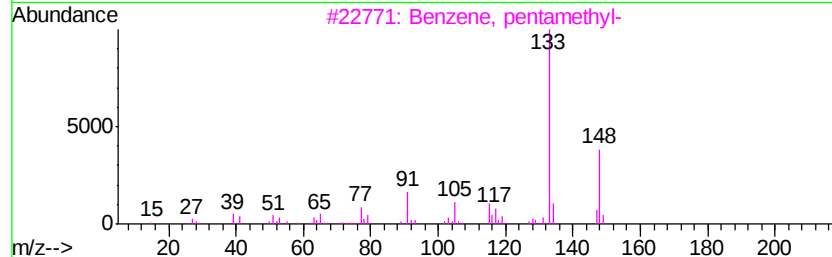
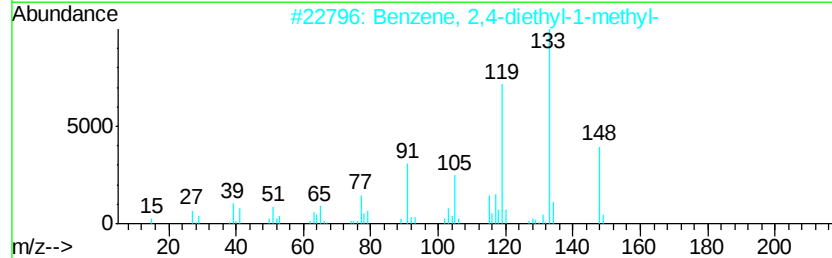
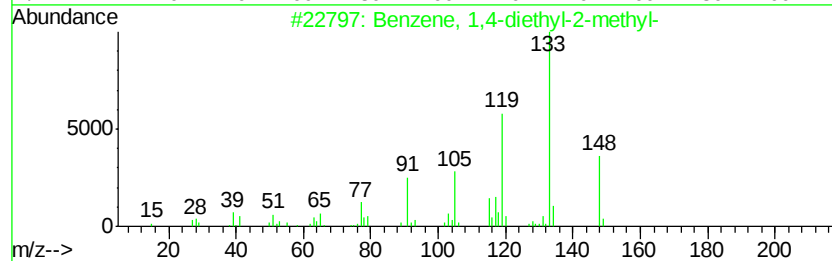
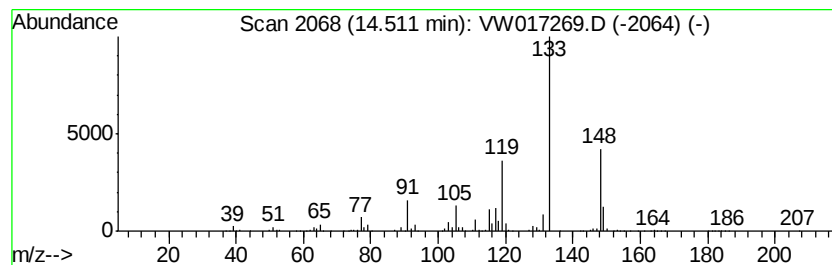
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Quant Title : VOC Analysis

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

Peak Number 29 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	27.15 ug/L	768315	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	94
2		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	94
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	81
4		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	81
5		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

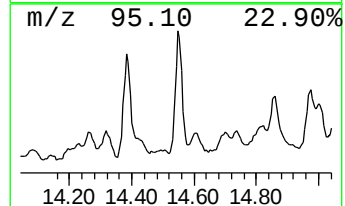
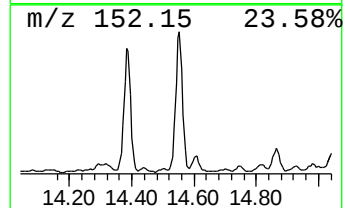
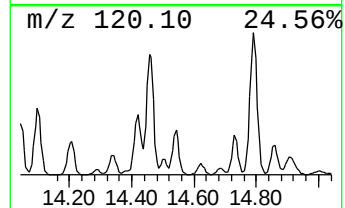
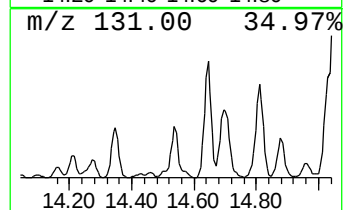
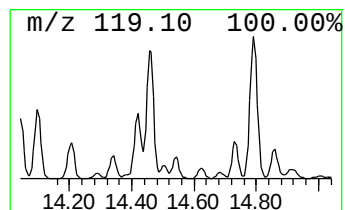
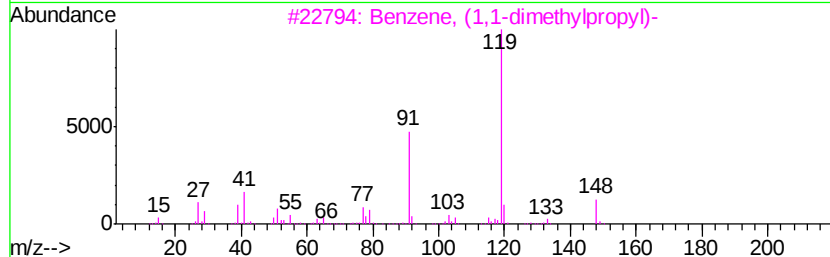
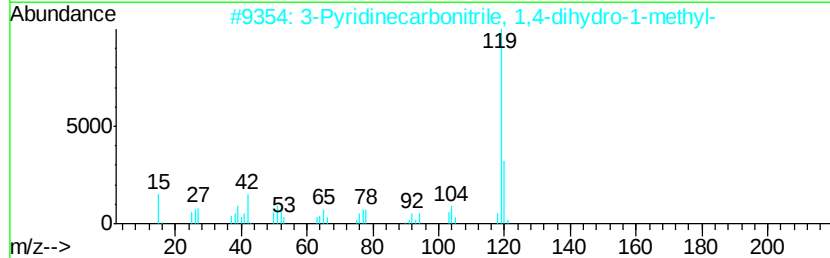
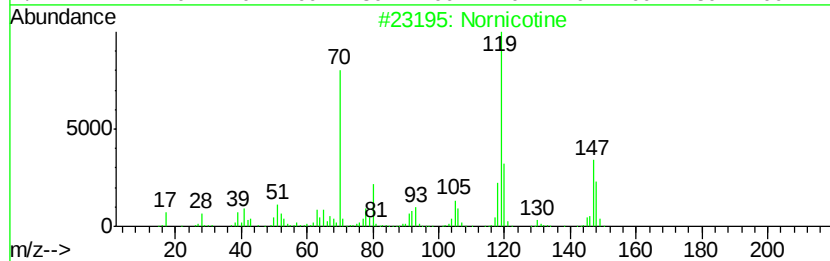
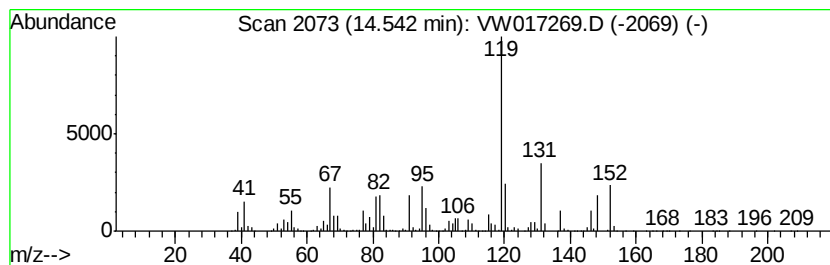
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Quant Title : VOC Analysis

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

Peak Number 30 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	69.95 ug/L	1979390	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nornicotine	148	C9H12N2	000494-97-3	38
2		3-Pyridinecarbonitrile, 1,4-dihy...	120	C7H8N2	019424-15-8	35
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	27
4		o-Toluic acid, oct-3-en-2-yl ester	246	C16H22O2	1000292-51-3	27
5		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

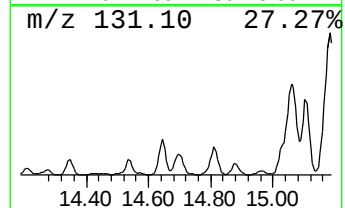
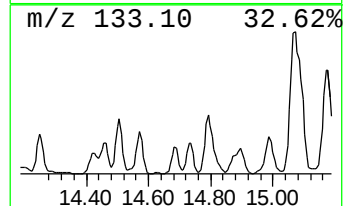
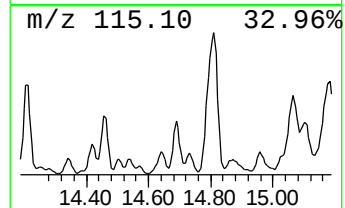
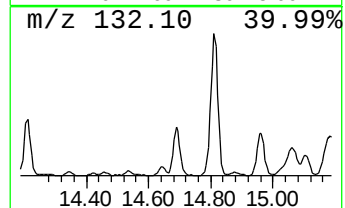
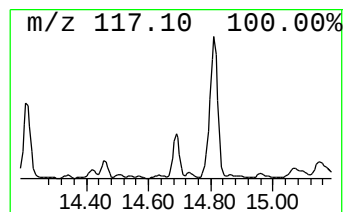
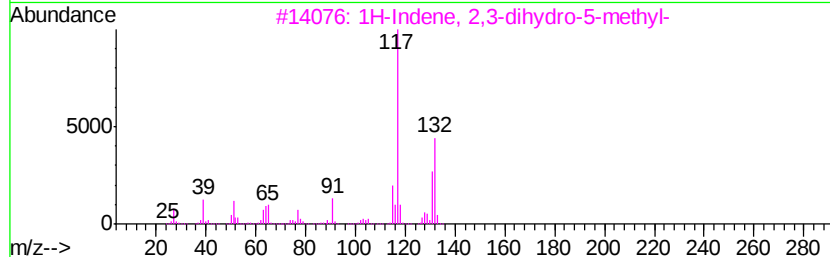
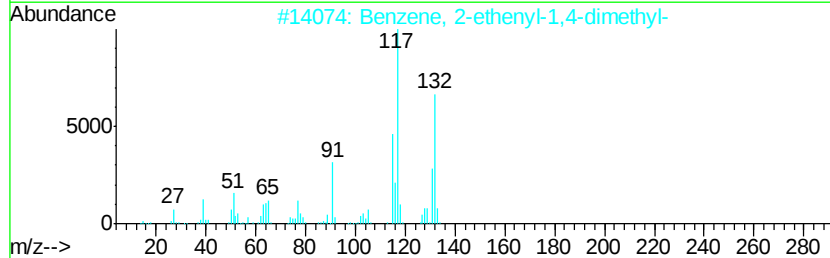
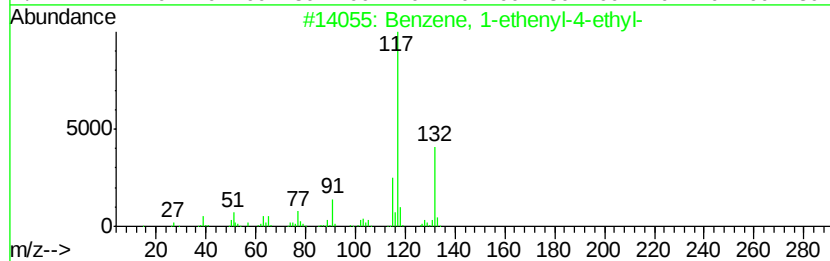
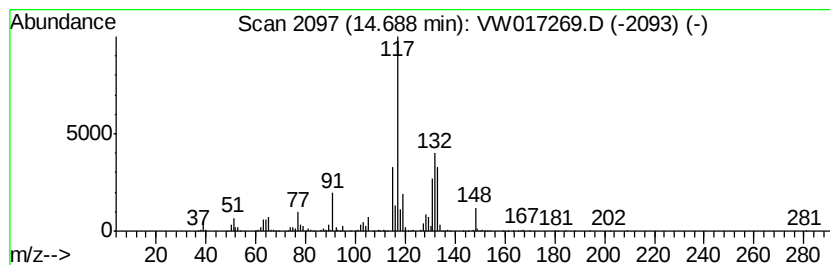
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Quant Title : VOC Analysis

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

Peak Number 31 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	49.53 ug/L	1401500	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	92
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

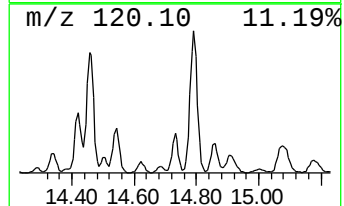
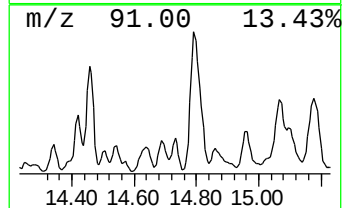
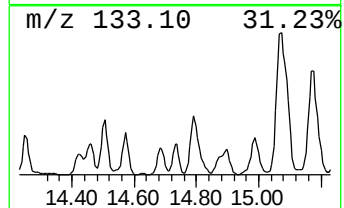
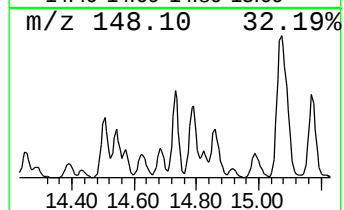
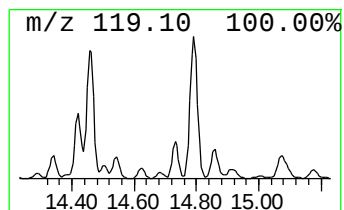
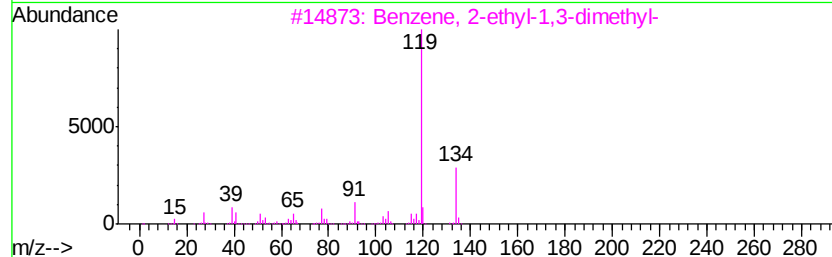
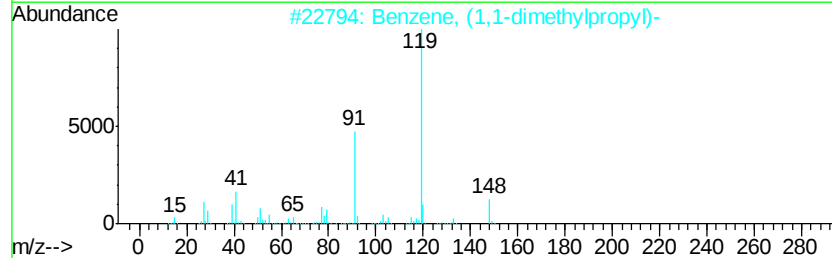
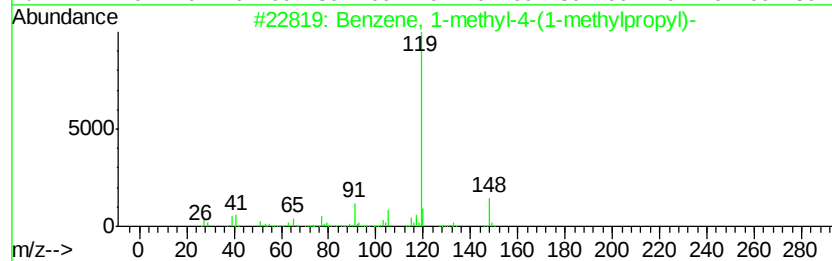
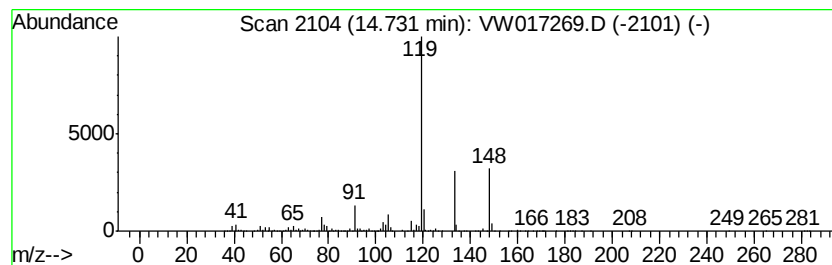
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Quant Title : VOC Analysis

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

Peak Number 32 Benzene, 1-methyl-4-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	48.11 ug/L	1361310	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	87
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	62
5		Benzoic acid, 2,5-dimethyl-, (2,...	268	C18H20O2	055000-48-1	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

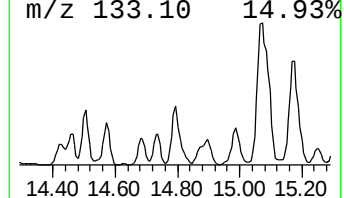
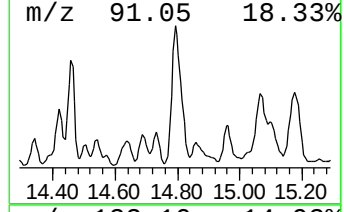
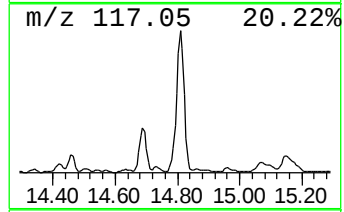
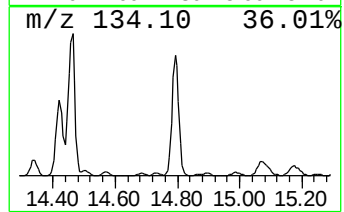
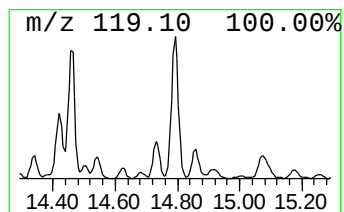
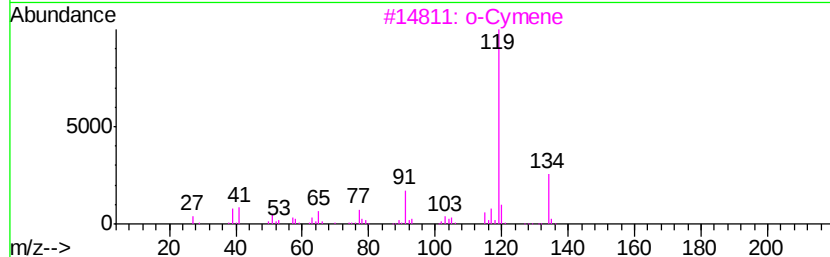
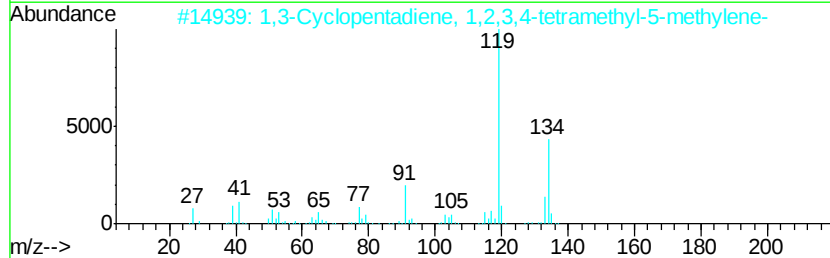
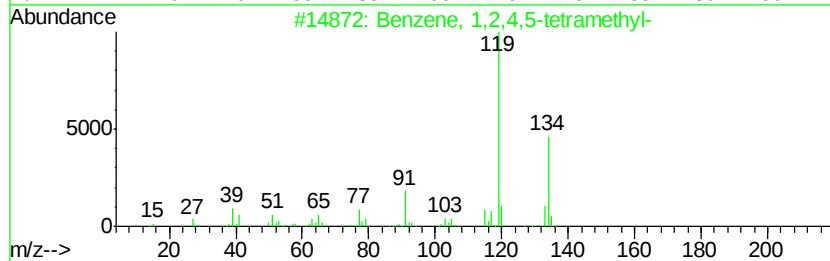
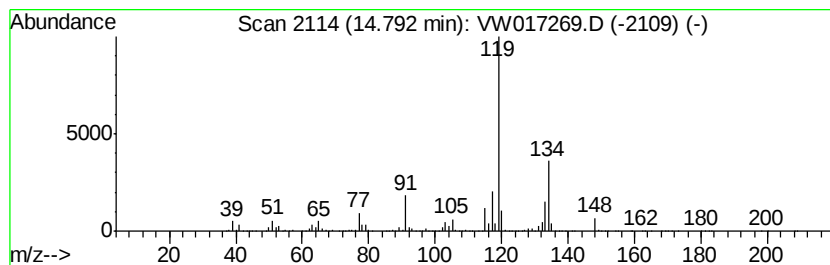
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Quant Title : VOC Analysis

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

Peak Number 33 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	340.17 ug/L	9625700	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		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
3		o-Cymene	134	C10H14	000527-84-4	93
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

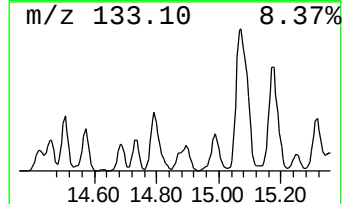
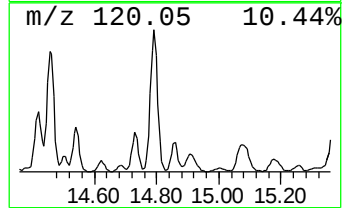
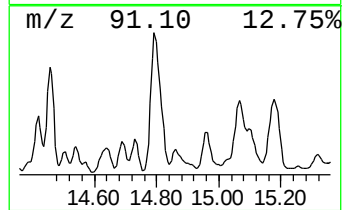
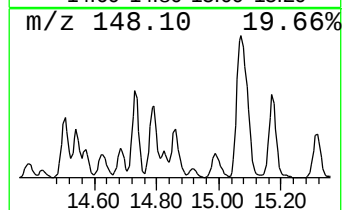
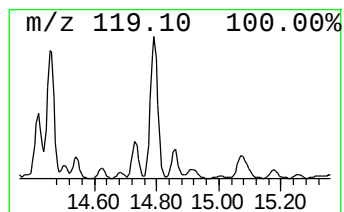
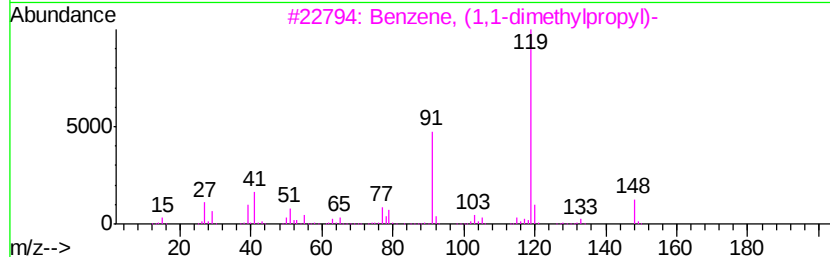
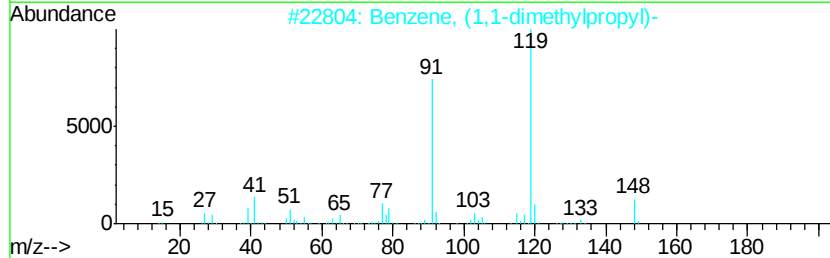
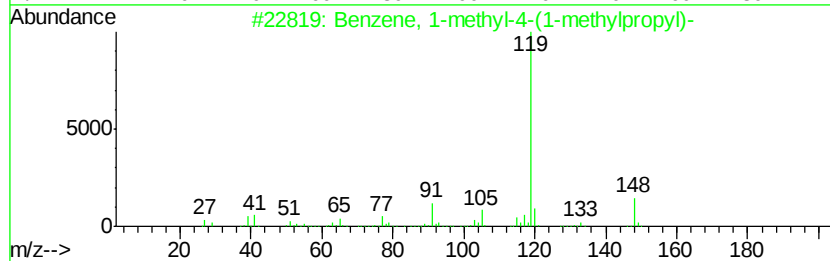
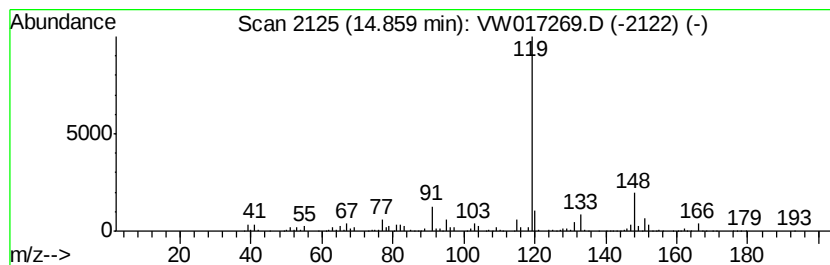
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Quant Title : VOC Analysis

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

Peak Number 34 Benzene, (1,1-dimethylpropyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	48.54 ug/L	1373610	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	83
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
4		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

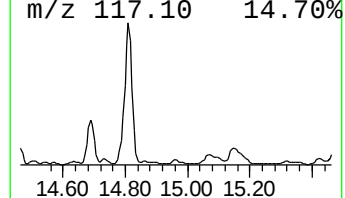
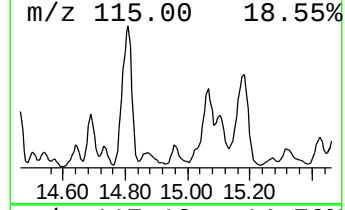
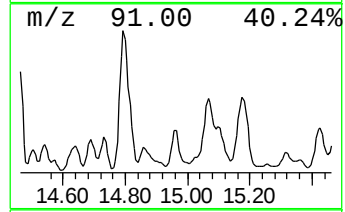
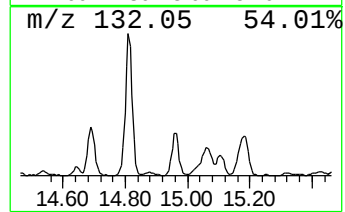
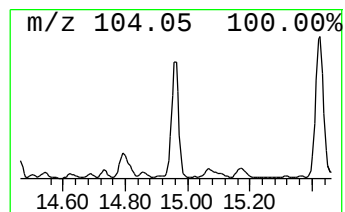
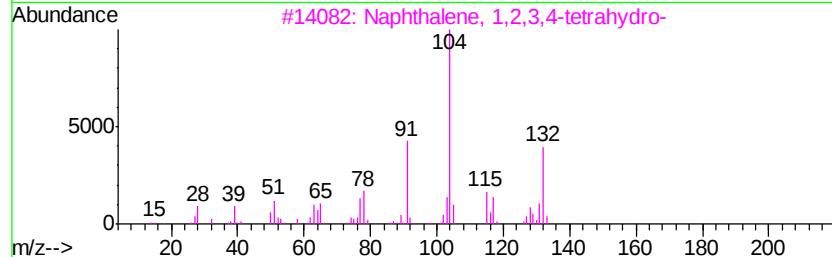
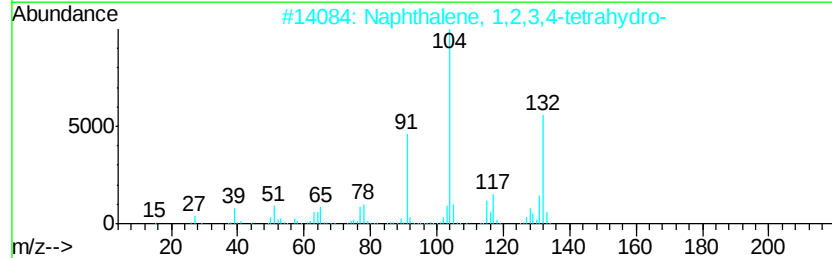
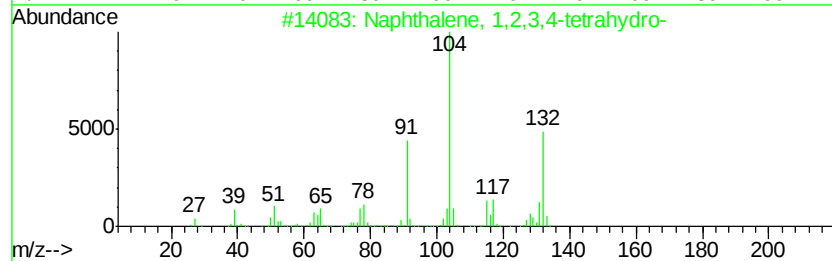
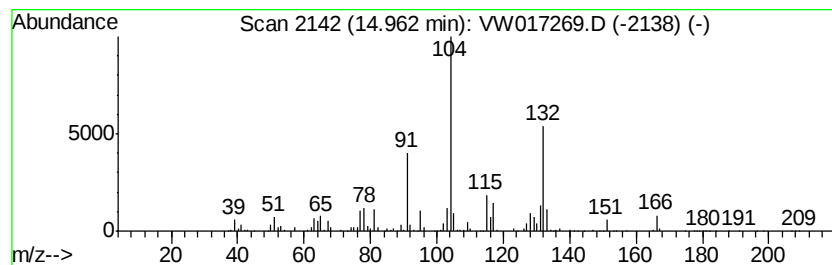
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Quant Title : VOC Analysis

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

Peak Number 35 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	46.71 ug/L	1321650	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
5		Indan, epoxide	132	C9H8O	000768-22-9	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

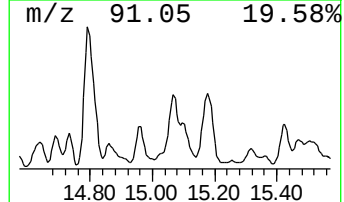
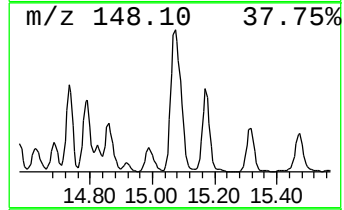
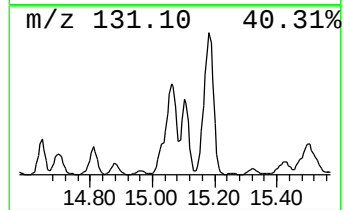
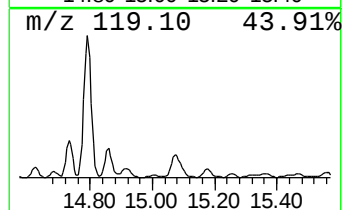
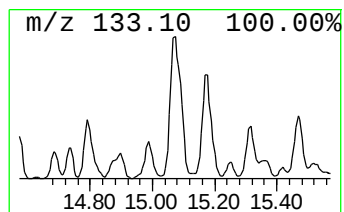
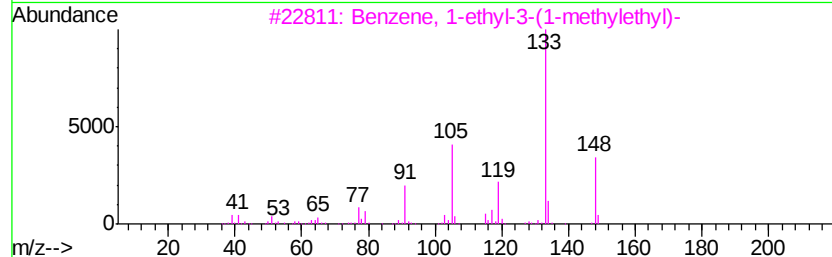
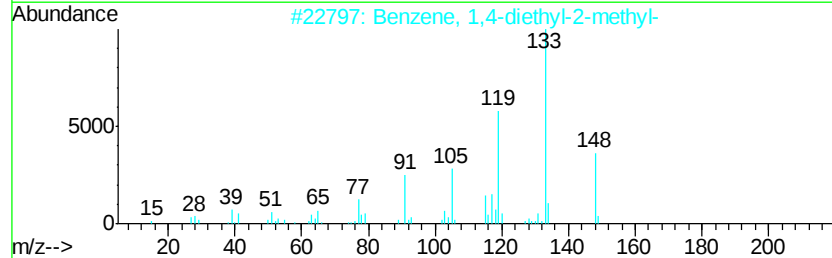
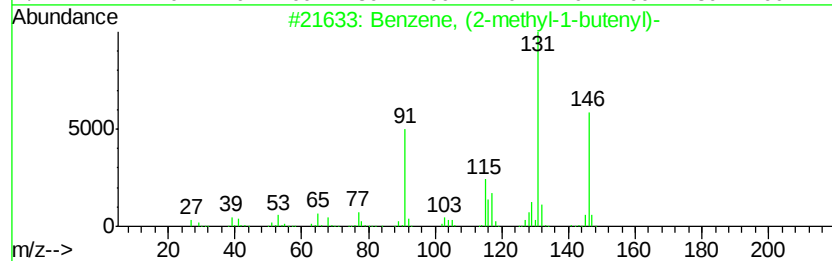
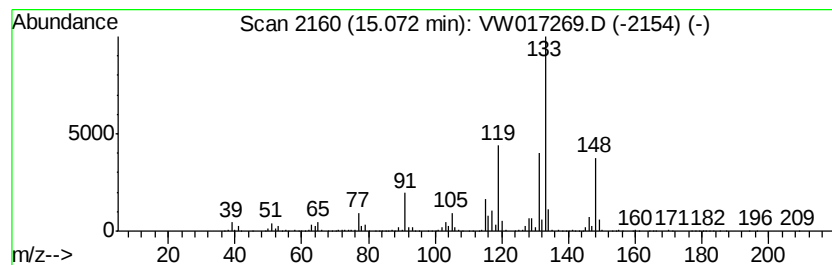
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Quant Title : VOC Analysis

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

Peak Number 36 Benzene, (2-methyl-1-butenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	149.44 ug/L	4228610	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	74
2		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	68
3		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	53
4		Benzene, pentamethyl-	148	C11H16	000700-12-9	53
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

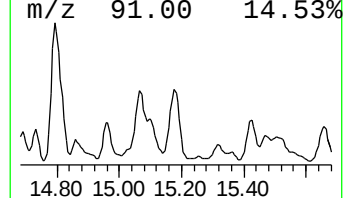
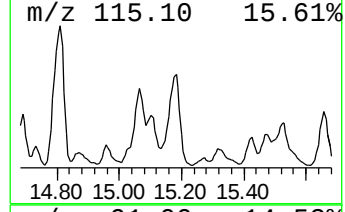
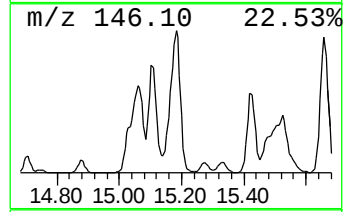
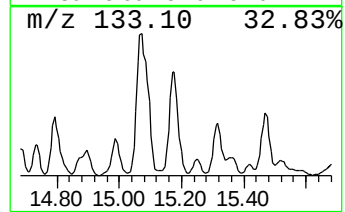
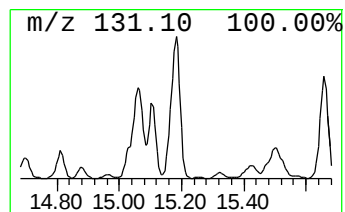
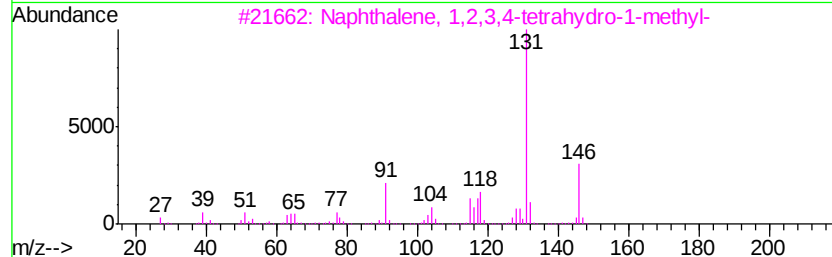
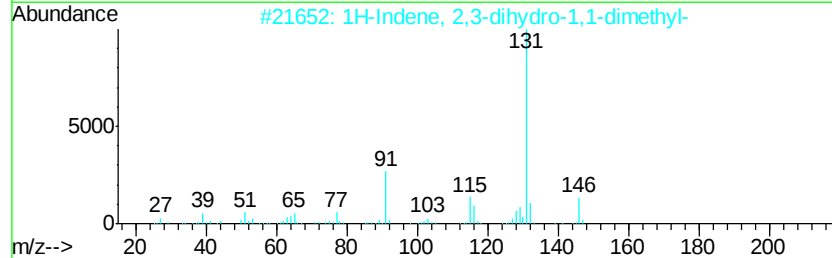
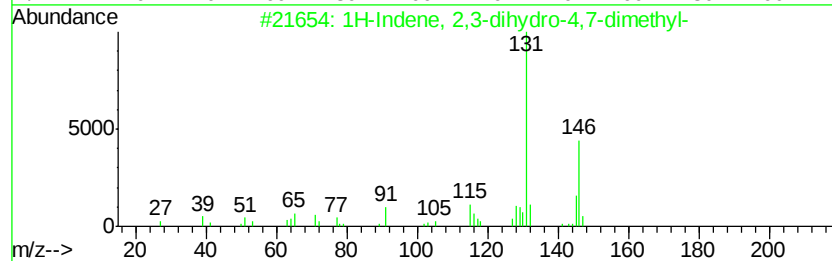
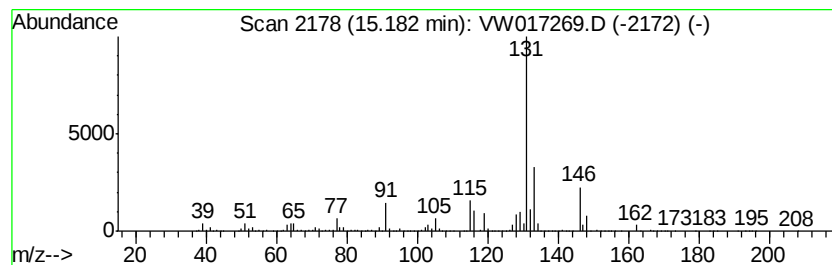
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Quant Title : VOC Analysis

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

Peak Number 37 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	195.79 ug/L	5540380	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
2		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	70
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70
4		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
5		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

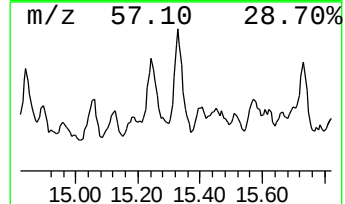
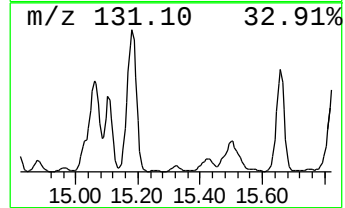
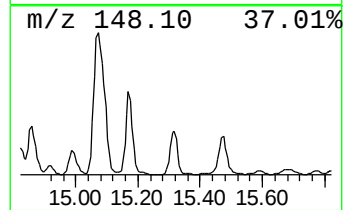
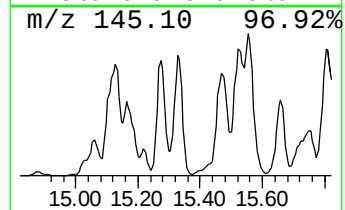
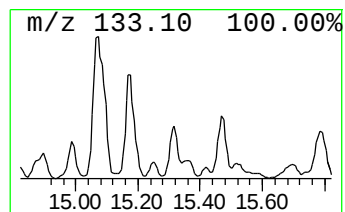
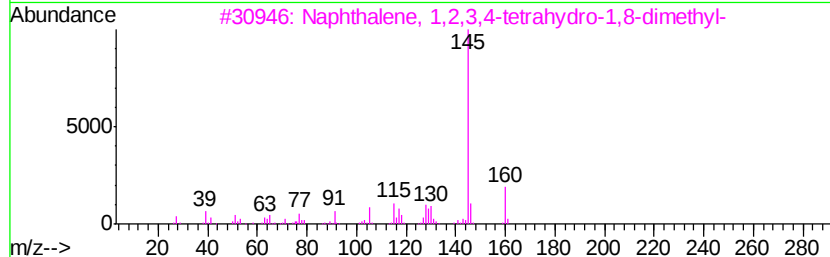
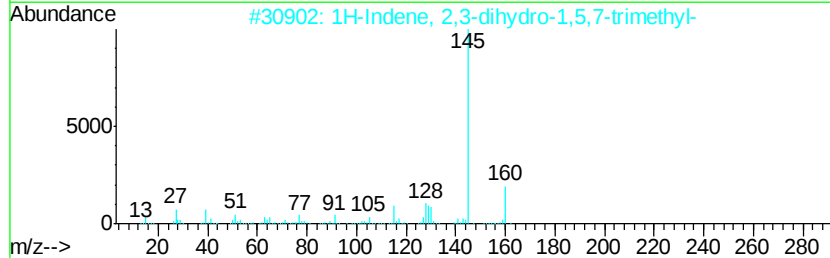
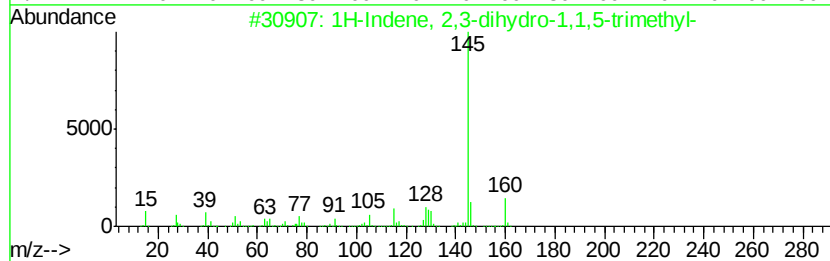
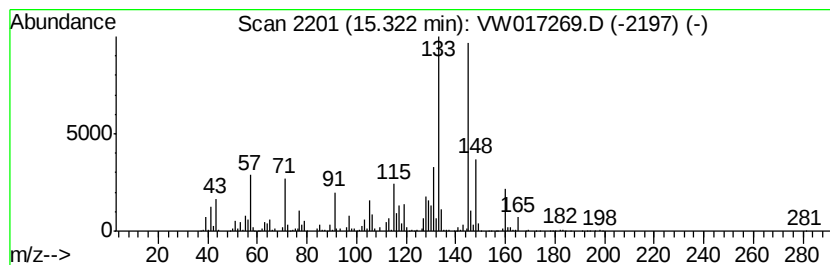
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Quant Title : VOC Analysis

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

Peak Number 38 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	33.43 ug/L	945839	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	64
2		1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	50
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	50
4		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	50
5		Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017269.D
Acq On : 16 Nov 2020 20:01
Operator : SY/VA
Sample : L4727-09RE
Misc : 4.93G/10ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC3RE

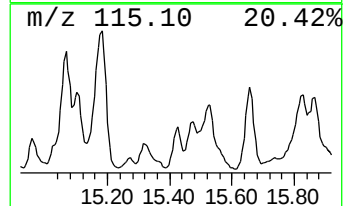
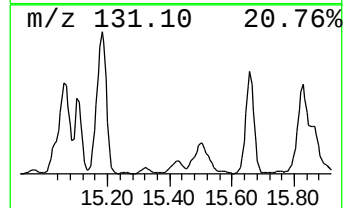
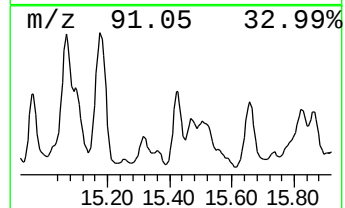
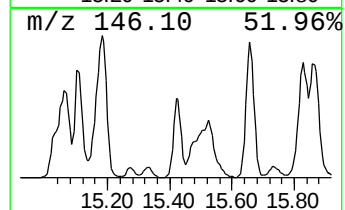
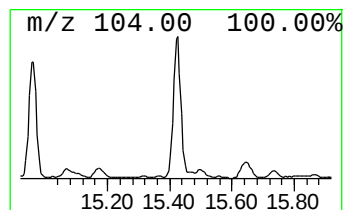
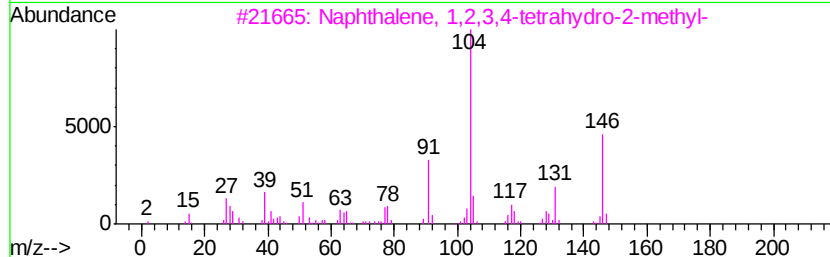
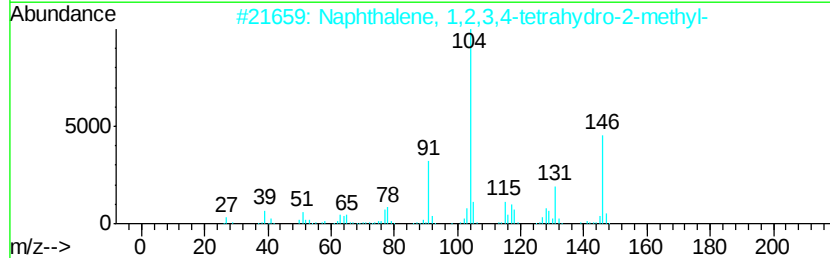
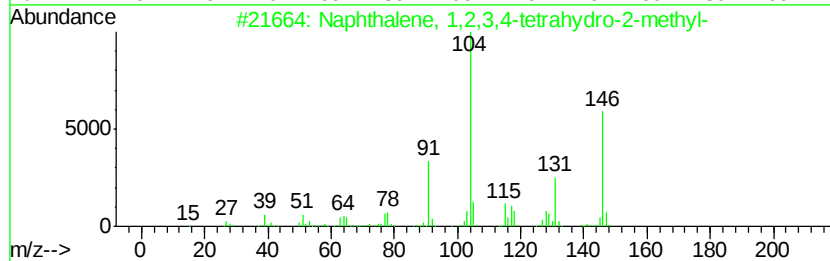
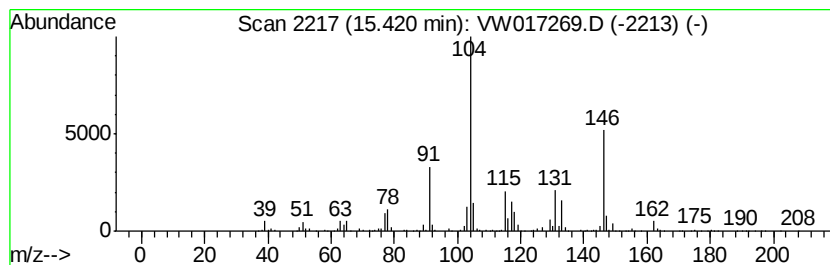
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 39 Naphthalene, 1,2,3,4-tetra... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	46.62 ug/L	1319120	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	83
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	80
5		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	70



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111620\
 Data File : VW017269.D
 Acq On : 16 Nov 2020 20:01
 Operator : SY/VA
 Sample : L4727-09RE
 Misc : 4.93G/10ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AC3RE

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...	11.23	2.3	ug/L	61287	2	11.63	680035	25.0
(DEL) Alkane: Cyc...	11.98	1.5	ug/L	39590	2	11.63	680035	25.0
Cyclohexene, 1-me...	12.04	1.3	ug/L	34528	2	11.63	680035	25.0
(DEL) Alkane: Str...	12.37	16.9	ug/L	459317	2	11.63	680035	25.0
(DEL) Alkane: Cyc...	12.78	15.3	ug/L	431507	3	13.56	707424	25.0
unknown-01	12.87	7.0	ug/L	199274	3	13.56	707424	25.0
Benzene, 1,2,3-tr...	12.94	83.4	ug/L	2359280	3	13.56	707424	25.0
Benzene, 1-ethyl-...	13.10	47.6	ug/L	1346500	3	13.56	707424	25.0
Benzene, 1,2,4-tr...	13.25	33.5	ug/L	946840	3	13.56	707424	25.0
Oxirane, 2-methyl...	13.38	9.2	ug/L	260424	3	13.56	707424	25.0
Benzene, 1-methyl...	13.44	20.1	ug/L	569767	3	13.56	707424	25.0
(DEL) Alkane: Cyc...	13.70	9.9	ug/L	279284	3	13.56	707424	25.0
Benzene, 1-propenyl-	13.76	47.1	ug/L	1333720	3	13.56	707424	25.0
Benzene, 1-ethyl-...	13.79	81.1	ug/L	2294940	3	13.56	707424	25.0
Benzene, 1-methyl...	13.95	37.4	ug/L	1058880	3	13.56	707424	25.0
Benzene, 2-ethyl-...	14.01	62.6	ug/L	1771820	3	13.56	707424	25.0
Benzene, 1-ethyl-...	14.10	86.9	ug/L	2460220	3	13.56	707424	25.0
Benzene, 1-methyl...	14.16	17.4	ug/L	491761	3	13.56	707424	25.0
3-Phenylbut-1-ene	14.21	108.8	ug/L	3078390	3	13.56	707424	25.0
3,4-Dimethylcumene	14.26	30.4	ug/L	860072	3	13.56	707424	25.0
Benzene, 4-ethyl-...	14.34	36.6	ug/L	1037010	3	13.56	707424	25.0
Naphthalene, deca...	14.38	26.7	ug/L	756484	3	13.56	707424	25.0
Benzene, 1,2,3,4-...	14.42	95.8	ug/L	2709660	3	13.56	707424	25.0
o-Cymene	14.46	163.3	ug/L	4620060	3	13.56	707424	25.0
Benzene, 1,4-diet...	14.51	27.1	ug/L	768315	3	13.56	707424	25.0
unknown-02	14.54	70.0	ug/L	1979390	3	13.56	707424	25.0
Benzene, 1-etheny...	14.69	49.5	ug/L	1401500	3	13.56	707424	25.0
Benzene, 1-methyl...	14.73	48.1	ug/L	1361310	3	13.56	707424	25.0
Benzene, 1,2,4,5-...	14.79	340.2	ug/L	9625700	3	13.56	707424	25.0
Benzene, (1,1-dim...	14.86	48.5	ug/L	1373610	3	13.56	707424	25.0
Naphthalene, 1,2,...	14.96	46.7	ug/L	1321650	3	13.56	707424	25.0
Benzene, (2-methy...	15.07	149.4	ug/L	4228610	3	13.56	707424	25.0
1H-Indene, 2,3-di...	15.18	195.8	ug/L	5540380	3	13.56	707424	25.0
1H-Indene, 2,3-di...	15.32	33.4	ug/L	945839	3	13.56	707424	25.0
Naphthalene, 1,2,...	15.42	46.6	ug/L	1319120	3	13.56	707424	25.0